

## NRC Quarterly Routine Inspection Certification

Location	In Compliance (Circle) *
<b>Recycling Center</b>	
Main Gate, Main Haul Road and Paved Surfaces	<input checked="" type="radio"/> Y   N
Convenience Center Area	<input checked="" type="radio"/> Y   N
Oil, Batteries and AntiFreeze Recycling Area	<input checked="" type="radio"/> Y   N
<b>Maintenance Area</b>	
Operations and Maintenance Area	<input checked="" type="radio"/> Y   N
Recycling Yard	<input checked="" type="radio"/> Y   N
<b>Post Closure Inspection</b>	
<b>Stormwater Management</b>	<input checked="" type="radio"/> Y   N

\* For each item not in compliance, complete a Corrective Action Form

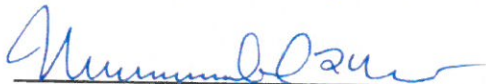
### CERTIFICATION STATEMENT

"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:

MICHAEL PORATH, Solid Waste Disposal + Maintenance Manager

Signature:



Date:

3-22-18

## NRC Quarterly Routine Inspection Corrective Action Form

Complete a separate copy of this page for each specific condition identified during the inspection as not in compliance.

Date problem identified:

3-22-18

Identify the condition(s) triggering the need for this action (Check box):

Unauthorized release or discharge

Control measures inadequate

Control measures not properly operated or maintained

Change in facility operations necessitated change in control measures

Other (describe): \_\_\_\_\_

Briefly describe the nature of the problem identified:

- ① Outfall #4 Structure needs cleaning - Leaf build-up at discharge point - Not blocking flow but needs attention
- ② Install additional litter fence along north side of Structure #6.

Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date corrective action to be completed:

6-30-18

Name of person responsible:

TRAVIS FARE

Northern Recycling Center Operations and Maintenance Area/Recycling Yard Inspection Checklist								
	Quarter 1		Quarter 2		Quarter 3		Quarter 4	
Date of Inspection:	3-22-18							
Operations and Maintenance Area	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Shop Floor Clean and Free of Debris	✓							
Sorbent Material in Place and Clean, Used Sorbent Disposed of Properly	✓							
Drip Pans Under Equipment Empty	✓							
No Leaks/Spills in Maintenance Building or adjacent Parking Areas	✓							
Materials/Equipment Stored All Drums have Lids	✓							
Adjacent Parking Areas Clean	✓							
Shed Area Clean	✓							
Recycling Yard	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Organic Debris Area Clean and Orderly - Police Litter	✓							
Asphalt Shingles, Tires, Rubble Areas Clean and Orderly	✓							
Signs in Place	✓							
Drainage System Stable (Erosion)	✓							
Sediment Deposition in Perimeter Swales	✓							

Comments: If UNSAT (Unsatisfactory) is checked, list what needs to be done, by whom, and the expected completion date.

Area 4 outfall needs leaves cleared from end of pipe.

Northern Recycling Center Inspection Checklist								
	Quarter 1		Quarter 2		Quarter 3		Quarter 4	
Date of Inspection:	3-22-18							
Main Gate, Main Haul Road and Paved Surfaces	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Upper and Lower Area Clean	✓							
Entrance/Exit Roads and Paved Area Clean	✓							
Recycling Area Clean, Dry, and Orderly	✓							
Recycling Center Area	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Attendant on Duty	✓							
Stormdrain Inlet Grates Clean	✓							
Signs in Place	✓							
Spills/Leaks or Containers Leaking	✓							
Trash Cans Empty	✓							
HazMat Locker Secure/Clean	✓							
Latex Paint Dumpster Organized/No Leaks	✓							
Oil, Batteries and AntiFreeze Recycling Area	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Check Fluid Levels	✓							
Full Tanks Locked	✓							
Screens Cleaned	✓							
Tanks Cleaned	✓							
Containment Basins Clean	✓							
Sorbent Mats and Material Maintained or Disposed of Properly	✓							
No Leaks/Spills	✓							
Drain Valves Shut	✓							
Batteries Stored in Metal Locker	✓							
Pavement Clean (Powerwash Needed?)	✓							
Trash Cans Emptied	✓							

Comments: If UNSAT (Unsatisfactory) is checked, list what needs to be done, by whom, and the expected completion date.

Sorbent residue in secondary containment. Clean all material after spill response

Northern Recycling Center Post-Closure Inspection Checklist

Date: 3-22-18  
 Time: 11:00 AM  
 Weather: Cold, Pt. Sunny, Snow cover

Inspector's Name(s): MICHAEL PRATH  
 Inspector's Title(s): Disposal + Maintenance mgr  
 Inspector's Contact Info: 443-623-0603

	Maintenance Required		Date Scheduled	Date Completed
	Yes	No		
<b>Required Quarterly Inspections</b>				
<b>A. Final Cover Systems</b>				
1. Erosion		✓		
2. Vegetative Cover (other than erosion)		✓		
3. Subsidence Areas	✓			
4. Leachate Seeps		✓		
5. Woody Vegetation		✓		
6. Access Roads	✓			
7. Sediment Deposition		✓		
<b>B. Drainage Control Systems</b>				
1. Cover Terrace		✓		
2. Riprap Downchutes		✓		
3. Grassed and Riprap Swales		✓		
4. Drainage Layer Toe Drains		✓		
5. Riprap Slope Protection		✓		
6. Culverts under Dover Road/Access Roads		✓		
7. Sediment Deposition		✓		
<b>C. Other Inspections</b>				
1. Security (Perimeter Fence and Locking Gates)		✓		
2. Groundwater Monitoring Wells		✓		
3. Gas Monitoring Wells		✓		

Comments (If Maintenance Required is Checked "YES" for any Items, a Comment is Required):

Settlement creating ponding on cover and Access roadways

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**Northern Recycling Center Stormwater Management Inspection Checklist**

Date: 3-22-18  
 Time: 11:00 AM  
 Weather: Cold, Pt. Sunny, Snow Cover

Inspector's Name(s): MICHAEL TERATH

Inspector's Title(s): Disposal + Maintenance Manager

Inspector's Contact Info: 443-623-0603

	Operating Effectively	Maintenance Required	Date Scheduled	Date Completed
	Y/N	Y/N		
<b>Structural Stormwater Management Controls</b>				
Structure #1 Detention Pond	Yes	No	—	—
Structure #2 Detention Pond	Yes	No	—	—
Structure #3 Detention Pond	Yes	No	—	—
Structure #4 Bioretention/Infiltration	Yes	No	—	—
Structure #5 Detention Pond	Yes	No	—	—
Structure #6 Detention Pond	Yes	No	—	—
Outfall #7 South Mound	Yes	No	—	—
Outfall #8 South Mound	Yes	No	—	—
Outfall #9 North Mound	Yes	No	—	—
Describe Corrective Actions on back of inspection form.				

Inspection Items	Check When Feature Is Inspected			
	Structure#1	Structure#2	Structure#3	Structure#4
<b>Stormwater Management Ponds</b>				
1. Erosion	✓	✓	✓	✓
2. Vegetative Cover (other than erosion)	✓	✓	✓	✓
3. Seepage Through Pond Embankment	✓	✓	✓	✓
4. Woody Vegetation	✓	✓	✓	✓
5. Holes in Embankment (burrowing animals)	✓	✓	✓	✓
6. Trash Racks	✓	✓	✓	✓
7. Inside Riser and Barrel Structures	✓	✓	✓	✓
8. Riprap Inlet and Outfall Aprons	✓	✓	✓	✓
9. Structure (SWM) Culvert Inlet Structures	✓	✓	✓	✓
10. Dewatering Devices	✓	✓	✓	✓
11. Sediment Deposition	✓	✓	✓	✓
12. Pre-Treatment Devices	✓	✓	✓	✓
13. Pond/Discharge Clarity	✓	✓	✓	✓

Stormwater Management Ponds	Structure#5	Structure#6	Outfall #7	Outfall #8
1. Erosion	✓	✓	✓	✓
2. Vegetative Cover (other than erosion)	✓	✓	✓	✓
3. Seepage Through Pond Embankment	✓	✓	✓	✓
4. Woody Vegetation	✓	✓	✓	✓
5. Holes in Embankment (burrowing animals)	✓	✓	✓	✓
6. Trash Racks	✓	✓	✓	✓
7. Inside Riser and Barrel Structures	✓	✓	✓	✓
8. Riprap Inlet and Outfall Aprons	✓	✓	✓	✓
9. Structure (SWM) Culvert Inlet Structures	✓	✓	✓	✓
10. Dewatering Devices	✓	✓	✓	✓
11. Sediment Deposition	✓	✓	✓	✓
12. Pre-Treatment Devices	✓	✓	✓	✓
13. Cleanouts and Underdrains	✓	✓	✓	✓

Stormwater Management Ponds	Outfall #9			
1. Erosion	✓			
2. Vegetative Cover (other than erosion)	✓			

3. Seepage Through Pond Embankment	✓			
4. Woody Vegetation	✓			
5. Holes in Embankment (burrowing animals)	✓			
6. Trash Racks	✓			
7. Inside Riser and Barrel Structures	✓			
8. Riprap Inlet and Outfall Aprons	✓			
9. Structure (SWM) Culvert Inlet Structures	✓			
10. Dewatering Devices	✓			
11. Sediment Deposition	✓			
12. Pre-Treatment Devices	✓			
13. Cleanouts and Underdrains	✓			

**NRC Quarterly Routine Inspection Certification**

Location	In Compliance (Yes/No) *
<b>Recycling Center</b>	YES
Main Gate, Main Haul Road and Paved Surfaces	YES
Convenience Center Area	NO
Oil, Batteries and AntiFreeze Recycling Area	YES
<b>Maintenance Area</b>	YES
Operations and Maintenance Area	YES
Recycling Yard	YES
<b>Post Closure Inspection</b>	NO
<b>Stormwater Management</b>	NO

\* For each item not in compliance, complete a Corrective Action Form

**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:

Mark Morris, Environmental Monitoring Manager

Signature:



Date:

05/18/2018

**Note: This routine inspection was completed after a rain event when a stormwater discharge was happening at Outfalls 1, 2, 4, 5, 6, 7, 8, and 9.**



**NRC Quarterly Routine Inspection Corrective Action Form**

Complete a separate copy of this page for each specific condition identified during the inspection as not in compliance.

Date problem identified: 5/18/2018

Identify the condition(s) triggering the need for this action (Check box):

- Unauthorized release or discharge
- Control measures inadequate
- Control measures not properly operated or maintained
- Change in facility operations necessitated change in control measures
- Other (describe): \_\_\_\_\_

Briefly describe the nature of the problem identified:

- 1. No litter fencing (approx. 75 feet) along north side (along road) of Structure #6 (Lower Area of Convenience Center), which is allowing debris to blow into Structure #6.
- 2. Stone chute near outlet to Outfall #7 is sinking and needs repair.
- 3. South Mound has bare spot next to ring road above Structure #5.
- 4. North Mound both access roads at turn from ring road to Dover Road has deep ruts.
- 5. Structure #4 does not appear to be draining properly.

Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

- Item #1. Install new litter fencing (approx. 75 feet) along north side (along road) of Structure #6 (Lower Area of Convenience Center) in FY2018 - 2019.
- Item #2. Remove stone from chute, repair base and replace stone in FY2018 - 2019.
- Item #3. Fill bare spot with top soil and reseed with straw cover in FY2019.
- Item #4. Fill ruts with millings at both turns from ring road to access road going to Dover Road in FY 2019.
- Item #5. Inspect and if necessary perform maintenance to Structure #4 per the as-built drawings to improve infiltration in FY2019/FY2020.

Date corrective action to be completed: FY 2018 - 2019

Name of person responsible: Item #1: Jonathan Rossetti  
Items #2, #3, #4, #5 and #6: Tim Richards

Northern Recycling Center Inspection Checklist								
	Quarter 1		Quarter 2		Quarter 3		Quarter 4	
<b>Date of Inspection:</b>			5/18/2018					
<b>Main Gate, Main Haul Road and Paved Surfaces</b>	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Upper and Lower Area Clean			X					
Entrance/Exit Roads and Paved Area Clean			X					
Recycling Area Clean, Dry, and Orderly			X					
<b>Recycling Center Area</b>	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Attendant on Duty			X					
Stormdrain Inlet Grates Clean			X					
Signs in Place			X					
Spills/Leaks or Containers Leaking			X					
Trash Cans Empty			X					
HazMat Locker Secure/Clean			X					
Latex Paint Dumpster Organized/No Leaks			X					
<b>Oil, Batteries and AntiFreeze Recycling Area</b>	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Check Fluid Levels			X					
Full Tanks Locked			X					
Screens Cleaned			X					
Tanks Cleaned			X					
Containment Basins Clean			X					
Sorbent Mats and Material Maintained or Disposed of Properly			X					
No Leaks/Spills			X					
Drain Valves Shut			X					
Batteries Stored in Metal Locker			X					
Pavement Clean (Powerwash Needed?)			X					
Trash Cans Emptied			X					

Comments: If UNSAT (Unsatisfactory) is checked, list what needs to be done, by whom, and the expected completion date.

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Northern Recycling Center Operations and Maintenance Area/Recycling Yard Inspection Checklist								
	Quarter 1		Quarter 2		Quarter 3		Quarter 4	
Date of Inspection:			5/18/2018					
<b>Operations and Maintenance Area</b>	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Shop Floor Clean and Free of Debris			X					
Sorbent Material in Place and Clean, Used Sorbent Disposed of Properly			X					
Drip Pans Under Equipment Empty			X					
No Leaks/Spills in Maintenance Building or adjacent Parking Areas			X					
Materials/Equipment Stored All Drums have Lids			X					
Adjacent Parking Areas Clean			X					
Shed Area Clean			X					
<b>Recycling Yard</b>	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Organic Debris Area Clean and Orderly - Police Litter			X					
Asphalt Shingles, Tires, Rubble Areas Clean and Orderly			X					
Signs in Place			X					
Drainage System Stable (Erosion)			X					
Sediment Deposition in Perimeter Swales			X					

Comments: If UNSAT (Unsatisfactory) is checked, list what needs to be done, by whom, and the expected completion date.

**Northern Recycling Center Significant Rainfall Event Inspection Checklist**  
**NOT APPLICABLE FOR INSPECTION DATED 05/18/2018**

Date: \_\_\_\_\_  
 Time: \_\_\_\_\_  
 Inspector(s): \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Weather: \_\_\_\_\_  
 Rainfall Amount: \_\_\_\_\_  
 Duration: \_\_\_\_\_

	Maintenance Required		Date Scheduled	Date Completed
	Yes	No		
<b>Required Inspections</b>				
<b>A. Final Cover Systems</b>				
1. Erosion				
2. Vegetative Cover (other than erosion)				
3. Access Roads				
4. Sediment Deposition				
<b>B. Drainage Control Systems</b>				
1. Cover Terrace				
2. Riprap Downchutes				
3. Grassed and Riprap Swales				
4. Drainage Layer Toe Drains				
5. Riprap Slope Protection				
6. Culverts under Dover Road/Access Roads				
7. Sediment Deposition				
<b>C. Stormwater Management Facilities (Structures #1 thru #6)</b>				
1. Erosion				
2. Vegetative Cover (other than erosion)				
3. Seepage Through Structure Embankment				
4. Trash Racks				
5. Riprap inlet and Outfall Aprons				
6. Structure (SWM) Culvert Inlet Structures				
7. Dewatering Devices				
8. Sediment Deposition				
9. Pond/Discharge Clarity				

**Comments (If Maintenance Required is Checked "YES" for any Items, a Comment is Required):**

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## Northern Recycling Center Post-Closure Inspection Checklist

Date: 5/18/2018  
 Time: 8:30 to 10:30 a.m.  
 Weather: Rain

Inspector's Name(s): Mark Morris  
 Inspector's Title(s): EMM  
 Inspector's Contact Info: 443-623-0605

	Maintenance Required		Date Scheduled	Date Completed
	Yes	No		
<b>Required Quarterly Inspections</b>				
<b>A. Final Cover Systems</b>				
1. Erosion		X		
2. Vegetative Cover (other than erosion)	X		FY2019	
3. Subsidence Areas		X		
4. Leachate Seeps		X		
5. Woody Vegetation		X		
6. Access Roads	X		FY2019	
7. Sediment Deposition		X		
<b>B. Drainage Control Systems</b>				
1. Cover Terrace		X		
2. Riprap Downchutes	X		FY2018/19	
3. Grassed and Riprap Swales		X		
4. Drainage Layer Toe Drains		X		
5. Riprap Slope Protection		X		
6. Culverts under Dover Road/Access Roads		X		
7. Sediment Deposition		X		
<b>C. Other Inspections</b>				
1. Security (Perimeter Fence and Locking Gates)		X		
2. Groundwater Monitoring Wells		X		
3. Gas Monitoring Wells		X		

**Comments (If Maintenance Required is Checked "YES" for any Items, a Comment is Required):**

- Note: Any woody vegetation will be removed as part of the routine maintenance occurring in the 4th quarter.
- Note: Stone chute near outlet to Outfall #7 is sinking and needs repair. (See Corrective Action Page Item #2).
- Note: South Mound has bare spot next to ring road above Structure #5. (See Corrective Action Page Item #4).
- Note: North Mound both access roads at turn from ring road to Dover Road has deep ruts. (See Corrective Action Page Item #5).

**Northern Recycling Center Stormwater Management Inspection Checklist**

Date: 5/18/2018 Inspector's Name(s): Mark Morris  
 Time: 8:30 to 10:30 a.m.  
 Weather: Rain Inspector's Title(s) EMM  
 Inspector's Contact Info 443-623-0605

	Operating Effectively	Maintenance Required	Date Scheduled	Date Completed
	Y / N	Y / N		
<b>Structural Stormwater Management Controls</b>				
Structure #1 Detention Pond	YES	NO		
Structure #2 Detention Pond	YES	NO		
Structure #3 Detention Pond	YES	NO		
Structure #4 Bioretention/Infiltration	NO	YES	FY2019	
Structure #5 Detention Pond	YES	NO		
Structure #6 Detention Pond	YES	NO		
<b>Describe Corrective Actions</b>				
SWM Facility	Action Item			
Stone Chute	Stone chute near outlet to Outfall #7 is sinking and needs repair. (See Corrective Action Page Item #2).			
#4 & #5	Grass swale to stone inlets to Structures #4 and #5 are inadequate. (See Corrective Action Page Item #3).			
#4	Structure #4 does not appear to be draining properly. (See Corrective Action Page Item #6).			
Note:	Unwanted vegetation will be removed as part of routine maintenance occurring in the 4th quarter.			

Inspection Items	Check When Feature Is Inspected			
	Structure#1	Structure#2	Structure#3	Structure#4
<b>Stormwater Management Ponds</b>				
1. Erosion	X	X	X	X
2. Vegetative Cover (other than erosion)	X	X	X	X
3. Seepage Through Pond Embankment	X	X	X	X
4. Woody Vegetation	X	X	X	X
5. Holes in Embankment (burrowing animals)	X	X	X	X
6. Trash Racks	X	X	X	X
7. Inside Riser and Barrel Structures	X	X	X	X
8. Riprap Inlet and Outfall Aprons	X	X	X	X
9. Structure (SWM) Culvert Inlet Structures	X	X	X	X
10. Dewatering Devices	X	X	X	X
11. Sediment Deposition	X	X	X	X
12. Pre-Treatment Devices	X	X	X	X
13. Pond/Discharge Clarity	X	X	X	X

Stormwater Management Ponds	Structure#5	Structure#6		
1. Erosion	X	X		
2. Vegetative Cover (other than erosion)	X	X		
3. Seepage Through Pond Embankment	X	X		
4. Woody Vegetation	X	X		
5. Holes in Embankment (burrowing animals)	X	X		
6. Trash Racks	X	X		
7. Inside Riser and Barrel Structures	X	X		
8. Riprap Inlet and Outfall Aprons	X	X		
9. Structure (SWM) Culvert Inlet Structures	X	X		
10. Dewatering Devices	X	X		
11. Sediment Deposition	X	X		
12. Pre-Treatment Devices	X	X		
13. Cleanouts and Underdrains	X	X		

**Northern Recycling Center Quarterly Visual Monitoring Form**

*Fill out a separate form for each outfall sampled.*

**NOT APPLICABLE FOR INSPECTION DATED 05/18/2018**

Sample Location \_\_\_\_\_  
 Outfall ID: \_\_\_\_\_

Collector's Name and Title \_\_\_\_\_  
 Examiner's Name and Title \_\_\_\_\_

Quarter / Year: \_\_\_\_\_  
 Date & Time Sample Collected: \_\_\_\_\_  
 Date & Time Sample Examined: \_\_\_\_\_  
 Runoff Source:                      Rainfall      Snowmelt

Previous Storm Ended > 72 hours before  
 start of this storm? \* (circle)      No      Yes  
 Qualifying Storm Event (> 1/2")?      No      Yes

**Inspection Parameters (circle)**

Color                      None      Yellow      Brown      Red      Gray  
 Other (describe) \_\_\_\_\_

Clarity                      Clear      Suspended Solids      Milky / Cloudy      Opaque  
 Other (describe) \_\_\_\_\_

Oil Sheen                      None      Rainbow sheet      Floating oil      Slick  
 Other (describe) \_\_\_\_\_

Odor                      None      Chemical      Musty      Rotten Eggs      Sewage      Sour Milk  
 Oil / Petroleum      Other (describe) \_\_\_\_\_

Floating Solids                      None      Suds      Oily Film      Garbage      Sewage  
 Waterfowl Excrement      Other (describe) \_\_\_\_\_

Suspended Solids                      No      Yes      Describe \_\_\_\_\_

**LEAVE SAMPLE UNDISTURBED FOR 30 MINUTES**

Settled Solids \*\*                      No      Yes      Describe \_\_\_\_\_

Foam (gently shake sample)                      No      Yes      Describe \_\_\_\_\_

Other Obvious Indicators  
 of Stormwater Pollution                      No      Yes      Describe \_\_\_\_\_

Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below.  
 (attach additional sheets as necessary)

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Stormwater Collector's Signature and Date: \_\_\_\_\_

Stormwater Examiner's Signature and Date: \_\_\_\_\_

## NRC Quarterly Routine Inspection Certification

Location	In Compliance (Yes/No) *
<b>Recycling Center</b>	YES
Main Gate, Main Haul Road and Paved Surfaces	YES
Convenience Center Area	NO
Oil, Batteries and AntiFreeze Recycling Area	YES
<b>Maintenance Area</b>	YES
Operations and Maintenance Area	YES
Recycling Yard	YES
<b>Post Closure Inspection</b>	NO
<b>Stormwater Management</b>	NO

\* For each item not in compliance, complete a Corrective Action Form

### 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:

Mark Morris, Environmental Monitoring Manager

Signature:



Date: 08/01/2018

**Note: This routine inspection was completed after an extreme weather event resulting in over 6 inches of rain in a 7 day period.**



## NRC Quarterly Routine Inspection Corrective Action Form

Complete a separate copy of this page for each specific condition identified during the inspection as not in compliance.

Date problem identified: 8/1/2018

Identify the condition(s) triggering the need for this action (Check box):

Unauthorized release or discharge

Control measures inadequate

Control measures not properly operated or maintained

Change in facility operations necessitated change in control measures

Other (describe): \_\_\_\_\_

Briefly describe the nature of the problem identified:

1. No litter fencing (approx. 75 feet) along north side (along road) of Structure #6 (Lower Area of Convenience Center), which is allowing debris to blow into Structure #6.
2. Stone chute near outlet to Outfall #7 is sinking and needs repair. **Completed.**
3. South Mound has bare spot next to ring road above Structure #5.
4. North Mound both access roads at turn from ring road to Dover Road have deep ruts.
5. Structure #4 does not appear to be draining properly.
6. Outfall to Structure #9 is eroding under culvert discharge pipe.
7. Access roads and ring road on South/North Mounds is eroding with deep ruts and washouts.

Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

- Item #1. Install new litter fencing (approx. 75 feet) along north side (along road) of Structure #6 (Lower Area of Convenience Center) in FY2018 - 2019.
- Item #2. Remove stone from chute, repair base and replace stone in FY2018/19. **Completed FY18.**
- Item #3. Fill bare spot with top soil and reseed with straw cover in FY2019.
- Item #4. Fill ruts with millings at both turns from ring road to access road going to Dover Road in FY 2019.
- Item #5. Inspect and if necessary perform maintenance to Structure #4 per the as-built drawings to improve infiltration in FY2019/FY2020.
- Item #6. Repair outfall to Structure #9 to stop washout and erosion under discharge pipe in FY2019.
- Item #7. Fill, grade and roll all roads and have contractor propose options for preventing erosion and washouts on steep portions of access roads to ring road in FY2019/20.

Date corrective action to be completed: FY 2018 - 2020

Name of person responsible: Item #1: Jonathan Rossetti  
Items #3, #4, #5, #6 and #7: Tim Richards

Northern Recycling Center Inspection Checklist								
	Quarter 1		Quarter 2		Quarter 3		Quarter 4	
Date of Inspection:					8/1/2018			
<b>Main Gate, Main Haul Road and Paved Surfaces</b>	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Upper and Lower Area Clean					X			
Entrance/Exit Roads and Paved Area Clean					X			
Recycling Area Clean, Dry, and Orderly					X			
<b>Recycling Center Area</b>	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Attendant on Duty					X			
Stormdrain Inlet Grates Clean					X			
Signs in Place					X			
Spills/Leaks or Containers Leaking					X			
Trash Cans Empty					X			
HazMat Locker Secure/Clean					X			
Latex Paint Dumpster Organized/No Leaks					X			
<b>Oil, Batteries and AntiFreeze Recycling Area</b>	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Check Fluid Levels					X			
Full Tanks Locked					X			
Screens Cleaned					X			
Tanks Cleaned					X			
Containment Basins Clean					X			
Sorbent Mats and Material Maintained or Disposed of Properly					X			
No Leaks/Spills					X			
Drain Valves Shut					X			
Batteries Stored in Metal Locker					X			
Pavement Clean (Powerwash Needed?)					X			
Trash Cans Emptied					X			

Comments: If UNSAT (Unsatisfactory) is checked, list what needs to be done, by whom, and the expected completion date.

Northern Recycling Center Operations and Maintenance Area/Recycling Yard Inspection Checklist								
	Quarter 1		Quarter 2		Quarter 3		Quarter 4	
Date of Inspection:					8/1/2018			
<b>Operations and Maintenance Area</b>	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Shop Floor Clean and Free of Debris					X			
Sorbent Material in Place and Clean, Used Sorbent Disposed of Properly					X			
Drip Pans Under Equipment Empty					X			
No Leaks/Spills in Maintenance Building or adjacent Parking Areas					X			
Materials/Equipment Stored All Drums have Lids					X			
Adjacent Parking Areas Clean					X			
Shed Area Clean					X			
<b>Recycling Yard</b>	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Organic Debris Area Clean and Orderly - Police Litter					X			
Asphalt Shingles, Tires, Rubble Areas Clean and Orderly					X			
Signs in Place					X			
Drainage System Stable (Erosion)					X			
Sediment Deposition in Perimeter Swales					X			

Comments: If UNSAT (Unsatisfactory) is checked, list what needs to be done, by whom, and the expected completion date.

**Northern Recycling Center Significant Rainfall Event Inspection Checklist**  
**APPLICABLE FOR INSPECTION DATED 08/01/2018**

Date: 8/1/2018  
 Time: 10:30 a.m. to 12:30 p.m.  
 Inspector(s): Mark Morris

Weather: Cloudy  
 Rainfall Amount: Over 6 inches.  
 Duration: In 7 days.

Required Inspections	Maintenance Required		Date Scheduled	Date Completed
	Yes	No		
<b>A. Final Cover Systems</b>				
1. Erosion		X		
2. Vegetative Cover (other than erosion)	X		FY2019	
3. Access Roads	X		FY2019/20	
4. Sediment Deposition		X		
<b>B. Drainage Control Systems</b>				
1. Cover Terrace		X		
2. Riprap Downchutes		X	FY2018/19	FY2018
3. Grassed and Riprap Swales		X		
4. Drainage Layer Toe Drains		X		
5. Riprap Slope Protection		X		
6. Culverts under Dover Road/Access Roads	X		FY2019	
7. Sediment Deposition		X		
<b>C. Stormwater Management Facilities (Structures #1 thru #6)</b>				
1. Erosion		X		
2. Vegetative Cover (other than erosion)		X		
3. Seepage Through Structure Embankment		X		
4. Trash Racks		X		
5. Riprap inlet and Outfall Aprons		X		
6. Structure (SWM) Culvert Inlet Structures		X		
7. Dewatering Devices		X		
8. Sediment Deposition		X		
9. Pond/Discharge Clarity		X		

**Comments (If Maintenance Required is Checked "YES" for any Items, a Comment is Required):**

- Note: Stone chute near outlet to Outfall #7 is sinking and needs repair. (See Corrective Action Page Item #2). **Completed.**
- Note: South Mound has bare spot next to ring road above Structure #5. (See Corrective Action Page Item #4).
- Note: North Mound both access roads at turn from ring road to Dover Road has deep ruts. (See Corrective Action Page Item #5).
- Note: Access roads and ring road on South/North Mounds is eroding with deep ruts and washouts. (See Corrective Action Page Item #7).
- Note: Outfall to Structure #9 is eroding under culvert discharge pipe. (See Corrective Action Page Item #6).

### Northern Recycling Center Post-Closure Inspection Checklist

Date: 8/1/2018  
 Time: 10:30 a.m. to 12:30 p.m.  
 Weather: Cloudy

Inspector's Name(s): Mark Morris  
 Inspector's Title(s): EMM  
 Inspector's Contact Info: 443-623-0605

	Maintenance Required		Date Scheduled	Date Completed
	Yes	No		
<b>Required Quarterly Inspections</b>				
<b>A. Final Cover Systems</b>				
1. Erosion		X		
2. Vegetative Cover (other than erosion)	X		FY2019	
3. Subsidence Areas		X		
4. Leachate Seeps		X		
5. Woody Vegetation		X		
6. Access Roads	X		FY2019/20	
7. Sediment Deposition		X		
<b>B. Drainage Control Systems</b>				
1. Cover Terrace		X		
2. Riprap Downchutes	X		FY2018/19	FY2018
3. Grassed and Riprap Swales		X		
4. Drainage Layer Toe Drains		X		
5. Riprap Slope Protection		X		
6. Culverts under Dover Road/Access Roads		X		
7. Sediment Deposition		X		
<b>C. Other Inspections</b>				
1. Security (Perimeter Fence and Locking Gates)		X		
2. Groundwater Monitoring Wells		X		
3. Gas Monitoring Wells		X		
<b>Comments (If Maintenance Required is Checked "YES" for any Items, a Comment is Required):</b>				
Note: Any woody vegetation will be removed as part of the routine maintenance occurring in the 4th quarter.				
Note: Stone chute near outlet to Outfall #7 is sinking and needs repair. (See Corrective Action Page Item #2). <span style="color: red;">Completed.</span>				
Note: South Mound has bare spot next to ring road above Structure #5. (See Corrective Action Page Item #4).				
Note: North Mound both access roads at turn from ring road to Dover Road has deep ruts. (See Corrective Action Page Item #5).				
Note: Access roads and ring road on South/North Mounds is eroding with deep ruts and washouts. (See Corrective Action Page Item #7).				
Note: Outfall to Structure #9 is eroding under culvert discharge pipe. (See Corrective Action Page Item #6).				

**Northern Recycling Center Stormwater Management Inspection Checklist**

Date: 8/1/2018  
 Time: 10:30 a.m. to 12:30 p.m.  
 Weather: Cloudy

Inspector's Name(s): Mark Morris  
 Inspector's Title(s): EMM  
 Inspector's Contact Info: 443-623-0605

Structural Stormwater Management Controls	Operating Effectively	Maintenance Required	Date Scheduled	Date Completed
	Y / N	Y / N		
Structure #1 Detention Pond	YES	NO		
Structure #2 Detention Pond	YES	NO		
Structure #3 Detention Pond	YES	NO		
Structure #4 Bioretention/Infiltration	NO	YES	FY2019/20	
Structure #5 Detention Pond	YES	NO		
Structure #6 Detention Pond	YES	NO		

**Describe Corrective Actions**

SWM Facility	Action Item
Stone Chute	Stone chute near outlet to Outfall #7 is sinking and needs repair. (See Corrective Action Page Item #2). <b>Completed in FY2018.</b>
#4 & #5	Grass swale to stone inlets to Structures #4 and #5 are inadequate, replace grass swale with stone chute as part of Item #5 on Corrective Action Page.
#4	Structure #4 does not appear to be draining properly. (See Corrective Action Page Item #5).
#9	Outfall to Structure #9 is eroding under culvert pipe. (See Corrective Action Page Item #6).
Note:	Unwanted vegetation will be removed as part of routine maintenance occurring in the 4th quarter.

Inspection Items	Check When Feature Is Inspected			
	Structure#1	Structure#2	Structure#3	Structure#4
<b>Stormwater Management Ponds</b>				
1. Erosion	X	X	X	X
2. Vegetative Cover (other than erosion)	X	X	X	X
3. Seepage Through Pond Embankment	X	X	X	X
4. Woody Vegetation	X	X	X	X
5. Holes in Embankment (burrowing animals)	X	X	X	X
6. Trash Racks	X	X	X	X
7. Inside Riser and Barrel Structures	X	X	X	X
8. Riprap Inlet and Outfall Aprons	X	X	X	X
9. Structure (SWM) Culvert Inlet Structures	X	X	X	X
10. Dewatering Devices	X	X	X	X
11. Sediment Deposition	X	X	X	X
12. Pre-Treatment Devices	X	X	X	X
13. Pond/Discharge Clarity	X	X	X	X

Stormwater Management Ponds	Structure#5	Structure#6
	1. Erosion	X
2. Vegetative Cover (other than erosion)	X	X
3. Seepage Through Pond Embankment	X	X
4. Woody Vegetation	X	X
5. Holes in Embankment (burrowing animals)	X	X
6. Trash Racks	X	X
7. Inside Riser and Barrel Structures	X	X
8. Riprap Inlet and Outfall Aprons	X	X
9. Structure (SWM) Culvert Inlet Structures	X	X
10. Dewatering Devices	X	X
11. Sediment Deposition	X	X
12. Pre-Treatment Devices	X	X
13. Cleanouts and Underdrains	X	X

