

MLFRRF Quarterly Routine Inspection Certification

Location	In Compliance (Circle) *
Recycling Center	
Entrances, Administration Building, Main Haul Road, Leachate Area and Paved Surfaces	<input checked="" type="radio"/> Y <input type="radio"/> N
Convenience Center Area	<input checked="" type="radio"/> Y <input type="radio"/> N
Oil, Batteries and AntiFreeze Recycling	<input checked="" type="radio"/> Y <input type="radio"/> N
Maintenance and Warehouse	
Maintenance Building	<input checked="" type="radio"/> Y <input type="radio"/> N
Warehouse Building	<input checked="" type="radio"/> Y <input type="radio"/> N
Compost Area, Cell 8 and 9 Areas	
Compost Area	<input checked="" type="radio"/> Y <input type="radio"/> N
Cell 8	<input checked="" type="radio"/> Y <input type="radio"/> N
Cell 9	<input checked="" type="radio"/> Y <input type="radio"/> 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:

Michael Porath

Date:

3-19-18

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: 3-19-18

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): See Notes Regarding Pond #8 outfall + discharge

Briefly describe the nature of the problem identified:

Cell B Closure Construction Project - Sediment loading within pond.

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:

Continue Pond #8 by-pass to Cell 9.3 Borrow area

Date corrective action to be completed: _____

Name of person responsible: Earthwork Contractor
Harnden, Inc.

MLFRRF Inspection Checklist

	Quarter 1		Quarter 2		Quarter 3		Quarter 4	
Date of Inspection:	3-19-18							
Entrances, Administration Building, Main Haul Road, Leachate Area and Paved Surfaces	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Convenience Center (Upper Area) Clean	✓							
Bulk Material Drop Off (Lower Area) - Upper and Lower Area Clean	✓							
Entrance/Exit Roads and Paved Area Clean	✓							
Administration Building Area Clean	✓							
Cardboard Building Area Clean	✓							
Leachate Treatment/Storage Area Clean	✓							
Convenience Center Area (Daily)	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Attendant on Duty	✓							
Attendant Booth Clean	✓							
Stormdrain Inlet Openings/Grates Clean	✓							
Signs in Place	✓							
Spills/Leaks or Containers Leaking	✓							
Trash Cans Empty	✓							
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.

MLFRRF Maintenance and Warehouse Inspection Checklist

Date of Inspection:	Quarter 1		Quarter 2		Quarter 3		Quarter 4	
	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Maintenance Building/Area (Daily)								
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	✓							
Materials Stored Properly	✓							
Floor Drain Sumps Dry/Pumped	✓							
Strainer Clean under Sink	✓							
Warehouse Building/Area (Daily)								
Fueling Station Area Clean	✓							
No Leaks from Fuel Dispensers/Hoses	✓							
No Evidence of Spills	✓							
Hazardouse Waste Lockers Maintained	✓							
Inlets and Sediment Trap Maintained	✓							
Materials/Equipment Properly Stored	✓							
Yard Area Stable/Drainage Adequate	✓							
Sediment Deposition in Perimeter Swales	✓							

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

MLFRRF Compost Area, Cell 8 and 9 Areas Checklist									
	Quarter 1		Quarter 2		Quarter 3		Quarter 4		
Date of Inspection:	3-19-18								
Compost Area	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	
Materials/Equipment Properly Stored	✓								
Entrance/Exit Roads and Paved Area Clean	✓								
Access Roads (potholes, grading, vegetation)	✓								
Blown Trash	✓								
Litter Fence	✓								
Super Silt Fence	✓								
Cell 8	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	
Riprap Ditches	✓								
Gel Logs	✓								
Dewatering Devices	✓								
SWM Pond #8-1 Outfall Clear	*								
SWM Pond #8-1 Cofferd Dam	*								
Pond Pumped/Recirculated	*								
Cell 9	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	
Erosion and Sediment Controls	✓								
SWM Pond #9-2 Outfall Clear	✓								
Blown Trash	✓								
Metal/Tire/Leaf Areas	✓								
Brush Grinding Area	✓								
Litter Fence	✓								
Alternate Daily Cover	✓								
Drainage Terraces	✓								
Dust Control	✓								
Access Roads (potholes, grading, vegetation)	✓								
Riprap Ditches or Swales	✓								

Comments: If UNSAT (Unsatisfactory) is checked, list what needs to be done, by whom, and the expected completion date.
 * SWM Pond #8-1 is being redirected via pumps to the Cell 9.3 Borrow area for additional retention and sediment settling prior to discharge via SWM Pond #9

MLFRRF Quarterly Routine Inspection Certification


Location	In Compliance (Yes/No)*	
Recycling Center		
Entrances, Administration Building, Main Haul Road, Leachate Area and Paved Surfaces	YES	
Convenience Center Area	NO	
Oil, Batteries and AntiFreeze Recycling	YES	
Maintenance and Warehouse		
Maintenance Building	YES	
Warehouse Building	YES	
Compost Area, Cell 8 and 9 Areas		
Compost Area	YES	
Cell 8	YES	Currently Under Construction
Cell 9	YES	Currently Under Construction
Post-Closure Inspection	YES	
Leachate Collection	YES	
Stormwater Management	NO	

*Complete Corrective Action Form for items identified as not being in compliance.

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: 27-Apr-18

Note: This routine inspection was completed after a rain event when a stormwater discharge was happening at Ponds 1, 3, 4, 5, 6 and 9.

Quarterly Routine Inspection Corrective Action Form

Date problem identified: 4/27/2018

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. Replace and repair litter fence that is missing along Lower Area of Convenience Center, which is allowing debris to blow into Pond #6.
2. Repair stone chute to northeast corner of Pond #5 to reduce sediment loading to pond.
3. Stormwater in Pond #3 and Pond #4 appeared more cloudy than normal.
4. Bottom of Pond #2 (infiltration pond) is losing filtering capacity.

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: Fencing will be replaced and repaired in FY2018.
- Item #2: Stone chute to Pond #5 will be repaired in FY2018/19.
- Item #3: Re-inspect stone chutes to Pond #3 and Pond #4 for possible erosion in FY2018/19.
- Item #4: Scrape bottom of Pond #2 to remove vegetative growth and improve infiltration in FY2018.

Date corrective action to be completed: FY2018 - FY2019

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

MLFRRF Inspection Checklist

	Quarter 1		Quarter 2		Quarter 3		Quarter 4	
Date of Inspection:			4/27/2018					
Entrances, Administration Building, Main Haul Road, Leachate Area and Paved Surfaces	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Convenience Center (Upper Area) Clean			X					
Bulk Material Drop Off (Lower Area) - Upper and Lower Area Clean			X					
Entrance/Exit Roads and Paved Area Clean			X					
Administration Building Area Clean			X					
Cardboard Building Area Clean			X					
Leachate Treatment/Storage Area Clean			X					
Convenience Center Area (Daily)	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Attendant on Duty			X					
Attendant Booth Clean			X					
Stormdrain Inlet Openings/Grates Clean			X					
Signs in Place			X					
Spills/Leaks or Containers Leaking			X					
Trash Cans Empty			X					
Latex Paint Dumpster Organized/No Leaks			X					
Oil, Batteries and AntiFreeze Recycling Area	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.

Replace and repair litter fencing that is missing along Lower Area of Convenience Center that is allowing debris to blow into Pond #6.

Increase periodic cleaning of lower area until fence repairs are completed.

MLFRRF Maintenance and Warehouse Inspection Checklist								
	Quarter 1		Quarter 2		Quarter 3		Quarter 4	
Date of Inspection:			4/27/2018					
Maintenance Building/Area (Daily)	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					
Materials Stored Properly			X					
Floor Drain Sumps Dry/Pumped			X					
Strainer Clean under Sink			X					
Warehouse Building/Area (Daily)	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Fueling Station Area Clean			X					
No Leaks from Fuel Dispensers/Hoses			X					
No Evidence of Spills			X					
Hazardouse Waste Lockers Maintained			X					
Inlets and Sediment Trap Maintained			X					
Materials/Equipment Properly Stored			X					
Yard Area Stable/Drainage Adequate			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.

MLFRRF Compost Area, Cell 8 and 9 Areas Checklist									
	Quarter 1		Quarter 2		Quarter 3		Quarter 4		
Date of Inspection:			4/27/2018						
Compost Area	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	
Materials/Equipment Properly Stored			X						
Entrance/Exit Roads and Paved Area Clean			X						
Access Roads (potholes, grading, vegetation)			X						
Blown Trash			X						
Litter Fence			X						
Super Silt Fence			X						
Cell 8	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	
Blown Trash			X						
Litter Fence			X						
Dust Control			X						
Alternate Daily Cover			X						
Drainage Terraces			X						
Access Roads (potholes, grading, vegetation)			X						
Riprap Ditches			X						
Gel Logs			X						
Dewatering Devices			X						
SWM Pond #8-1 Outfall Clear			See Note						
SWM Pond #8-1 Cofferdam			See Note						
Pond Pumped/Recirculated			X						
Cell 9	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	
Erosion and Sediment Controls			X						
Metal/Tire/Leaf Areas			X						
Brush Grinding Area			X						
SWM Pond #9-2 Outfall Clear			See Note						
Dewatering Devices			X						
Dust Control			X						
Access Roads (potholes, grading, vegetation)			X						
Riprap Ditches or Swales			See Note						

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

Note: Cell 8, Pond 8-1 and parts of Cell 9 are currently under construction and outside the purview of this inspection. Pond 8-1 is no longer discharging. Pond 9-2 is discharging.

MLFRRF Significant Rainfall Event Inspection Checklist
NOT APPLICABLE FOR INSPECTION DATED 04/27/2018

Date: 4/27/2018
 Time: Noon to 3 p.m.
 Inspector(s): _____

Weather: Cloudy
 Rainfall Amount: _____
 Duration: _____

	Maintenance Required		Date Scheduled	Date Completed
	Yes	No		

Required Inspections

A. Final Cover Systems

1. Erosion				
2. Vegetative Cover (other than erosion)				
3. Access Roads				
4. Sediment Deposition				

B. Drainage Control Systems

1. Cover Terrace				
2. Riprap Downchutes				
3. Grassed and Riprap Swales				
4. Drainage Layer Toe Drains				
5. Riprap Slope Protection				
6. Culverts/Pipes under Access Roads				
7. Sediment Deposition				

C. Stormwater Management Facilities (SWM Ponds 1, 2, 3, 4, 5, 6, 8-1, 9-2, Infiltration Trench, Traps 1 East/West, 3A, 5A, 6A, 11A)

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):

MLFRRF Post-Closure Inspection Checklist

Cells 1, 2, 4, 5, 6, and 7

Date: 4/27/2018
 Time: Noon to 3 p.m.
 Weather: Cloudy Following Rain Event

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		
Required Quarterly Inspections				
A. Final Cover Systems				
1. Erosion		X		
2. Vegetative Cover (other than erosion)		X		
3. Subsidence Areas		X		
4. Leachate Seeps		X		
5. Woody Vegetation		X		
6. Access Roads		X		
7. Sediment Deposition		X		
B. Drainage Control Systems				
1. Cover Terrace		X		
2. Riprap Downchutes		X		
3. Grassed and Riprap Swales		X		
4. Drainage Layer Toe Drains		X		
5. Riprap Slope Protection		X		
6. Culverts/Pipes under Access Roads		X		
7. Sediment Deposition		X		
C. Other Inspections				
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 routine maintenance occurring in the 4th quarter.

Note: Grounds were cut in 3rd quarter and all areas have good vegetative coverage.

Note: Cell 8 and parts of Cell 9 are currently under construction and outside the purview of this inspection.

MLFRRF Stormwater Management Inspection Checklist

Date: 4/27/2018
 Time: Noon to 3 p.m.
 Weather: Cloudy Following Rain Event

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

	Operating Effectively	Maintenance Required	Date Scheduled	Date Completed
Structural Stormwater Management Controls				
SWM Pond #1 Wet Pond	YES			
SWM Pond #2 Infiltration Pond	YES	YES	FY 2018	May/2018
SWM Pond #3 Wet Pond	YES			
SWM Pond #4 Wet Pond	YES			
SWM Pond #5 Wet Pond	YES	YES	FY 2018	
SWM Pond #6 Wet Pond	YES			
SWM Pond #8-1 Wet Pond	See Note			
SWMPond #9-2 Wet Pond	YES			
Describe Corrective Actions				
SWM Facility	Action Item			
Pond #5	Stone chute to northeast corner of Pond #5 requires repair to reduce sediment loading to pond. Pond #5 is currently operating effectively but sediment loading from stone chute could, if not corrected, result in an unwanted discharge of sediment from the pond. Also re-inspect stone chutes to Pond #3 and #4 for erosion.			
Pond #2	Scrape bottom to remove vegetative growth and improve infiltration.			

Inspection Items	Check When Feature Is Inspected			
	Pond #1	Pond #2	Pond #3	Pond #4
Stormwater Management Ponds				
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	Check When Feature Is Inspected			
	Pond #5	Pond #6	Pond #8-1	Pond #9-2
1. Erosion	X	X	See Note	See Note
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. Pond/Discharge Clarity	X	X		

Note: Pond 8-1 is no longer discharging and Pond 9-2 is discharging.

Note: Any woody vegetation will be removed as part of the routine maintenance occurring in the 4th quarter.

MLFRRF Stormwater Management Inspection Checklist

Date: 11/8/2017
 Time: 11 a.m. to 3 p.m.
 Weather: Clear

Inspector's Name(s): Mark Morris

Inspector's Title(s): EMM

Inspector's Contact Info: 443-623-0605

	Operating Effectively	Maintenance Required	Date Scheduled	Date Completed
Structural Stormwater Management Controls				
Trap 1 West Detention	YES			
Trap 1 East Detention	YES			
Infiltration Trench Infiltration Trench	YES			
Trap 3A Detention	YES			
Trap 5A Detention	YES			
Trap 6A Detention	YES			
Trap 11A Detention	YES			
Describe Corrective Actions				
	SWM Facility	Action Item		
	_____	_____		
	_____	_____		
	_____	_____		
	_____	_____		

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

1. For purposes of tracking historical records Trap 6A was named Trap 2.

Note: Any woody vegetation will be removed as part of the routine maintenance occurring in the 4th quarter.

Note: In the future Traps 1 West will be converted to a bioretention pond and Trap 1 East will be upgraded to a pocket pond.

MLFRRF Quarterly Visual Monitoring Form
Fill out a separate form for each outfall sampled.
NOT APPLICABLE FOR INSPECTION DATED 04/27/2018

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: _____

MLFRRF Quarterly Routine Inspection Certification

Location	In Compliance (Yes/No)*	
Recycling Center		
Entrances, Administration Building, Main Haul Road, Leachate Area and Paved Surfaces	YES	
Convenience Center Area	YES	
Oil, Batteries and AntiFreeze Recycling .	YES	
Maintenance and Warehouse		
Maintenance Building	YES	
Warehouse Building	YES	
Compost Area, Cell 8 and 9 Areas		
Compost Area	YES	
Cell 8	YES	Currently Under Construction
Cell 9	NO	Currently Under Construction Except Cell 9.1
Post-Closure Inspection	YES	
Leachate Collection	YES	
Stormwater Management	NO	

*Complete Corrective Action Form for items identified as not being in compliance.

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:

23-Jul-18

Note: This routine inspection was completed after an extreme weather event resulting in over 10 inches of rain in a 7 day period.

Quarterly Routine Inspection Corrective Action Form

Date problem identified: 7/23/2018

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. Replace and repair litter fence that is missing along Lower Area of Convenience Center, which is allowing debris to blow into Pond #6. **Completed.**
2. Repair stone chute to northeast corner of Pond #5 to reduce sediment loading to pond.
3. Stormwater in Pond #3 and Pond #4 appeared more cloudy than normal.
4. Bottom of Pond #2 (infiltration pond) is losing filtering capacity. **Completed.**
5. Cell 9.1 slopes are eroding into storm ditch affecting Pond 9 effluent quality.
6. Pond 8 is discharging under extreme weather conditions.
7. Eroding side slope next to Scalehouse.

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: Fencing will be replaced and repaired in FY2018. **Completed FY2018**
- Item #2: Stone chute to Pond #5 will be repaired in FY2019.
- Item #3: Re-inspect stone chutes to Pond #3 and Pond #4 for possible erosion in FY2019.
- Item #4: Scrape bottom of Pond #2 to improve infiltration in FY2018. **Completed FY2018.**
- Item #5: Apply topsoil and seed to stabilize exposed slopes on Cell 9.1; install silt fencing and absorbent sock to prevent sediment runoff from Cell 9.1 slopes into storm ditch to Pond 9; and place floc logs in storm ditch along Cell 9.1 to improve particulate removal in Pond 9 in FY2019.
- Item #6: Add second pump to remove stormwater from Pond 8 to help prevent discharging under extreme weather conditions in FY2019.
- Item #7: Washout and erosion of grass side slope next to Scalehouse needs repair in FY2019.

Date corrective action to be completed: FY2019

Name of person responsible: Items #2, #3, #5 and #6: Tim Richards
Item #7: Jonathan Rossetti

MLFRRF Inspection Checklist

	Quarter 1		Quarter 2		Quarter 3		Quarter 4	
Date of Inspection:					7/23/2018			
Entrances, Administration Building, Main Haul Road, Leachate Area and Paved Surfaces	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Convenience Center (Upper Area) Clean					X			
Bulk Material Drop Off (Lower Area) - Upper and Lower Area Clean					X			
Entrance/Exit Roads and Paved Area Clean						X		
Administration Building Area Clean					X			
Cardboard Building Area Clean					X			
Leachate Treatment/Storage Area Clean					X			
Convenience Center Area (Daily)	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Attendant on Duty					X			
Attendant Booth Clean					X			
Stormdrain Inlet Openings/Grates Clean					X			
Signs in Place					X			
Spills/Leaks or Containers Leaking					X			
Trash Cans Empty					X			
Latex Paint Dumpster Organized/No Leaks					X			
Oil, Batteries and AntiFreeze Recycling Area	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.

Replace and repair litter fencing that is missing along Lower Area of Convenience Center that is allowing debris to blow into Pond #6. **Completed FY2018.**

Washout and erosion of grass side slope next to Scalehouse needs repair in FY2019.

MLFRRF Maintenance and Warehouse Inspection Checklist								
Date of Inspection:	Quarter 1		Quarter 2		Quarter 3		Quarter 4	
	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT
Maintenance Building/Area (Daily)								
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			
Materials Stored Properly					X			
Floor Drain Sumps Dry/Pumped					X			
Strainer Clean under Sink					X			
Warehouse Building/Area (Daily)								
Fueling Station Area Clean					X			
No Leaks from Fuel Dispensers/Hoses					X			
No Evidence of Spills					X			
Hazardouse Waste Lockers Maintained					X			
Inlets and Sediment Trap Maintained					X			
Materials/Equipment Properly Stored					X			
Yard Area Stable/Drainage Adequate					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.

MLFRRF Compost Area, Cell 8 and 9 Areas Checklist									
	Quarter 1		Quarter 2		Quarter 3		Quarter 4		
Date of Inspection:					7/23/2018				
Compost Area	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	
Materials/Equipment Properly Stored					X				
Entrance/Exit Roads and Paved Area Clean					X				
Access Roads (potholes, grading, vegetation)					X				
Blown Trash					X				
Litter Fence					X				
Super Silt Fence					X				
Cell 8	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	
Blown Trash					X				
Litter Fence					X				
Dust Control					X				
Alternate Daily Cover					X				
Drainage Terraces					X				
Access Roads (potholes, grading, vegetation)					See Note				
Riprap Ditches					See Note				
Gel Logs					X				
Dewatering Devices					X				
SWM Pond #8-1 Outfall Clear					See Note				
SWM Pond #8-1 Cofferd Dam					See Note				
Pond Pumped/Recirculated					X				
Cell 9	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	
Erosion and Sediment Controls						X			
Metal/Tire/Leaf Areas					X				
Brush Grinding Area					X				
SWM Pond #9-2 Outfall Clear					See Note				
Dewatering Devices					X				
Dust Control					X				
Access Roads (potholes, grading, vegetation)					X				
Riprap Ditches or Swales						X			

Comments: If UNSAT (Unsatisfactory) is checked, list what needs to be done, by whom, and the expected completion date.
 Note: Cell 8, Pond 8-1 and parts of Cell 9 are currently under construction and outside the purview of this inspection. Pond 8-1 is no longer discharging. Pond 9-2 is discharging.
 Note: Riprap ditch on northwest side of Cell 8 is eroding next to access road and needs repair as part of Cell 8 construction project in FY2019.
 Cell 9.1 slopes are eroding into storm ditch affecting Pond 9 effluent quality. See Item #5.

MLFRRF Significant Rainfall Event Inspection Checklist
APPLICABLE FOR INSPECTION DATED 07/23/2018

Date: 7/23/2018
 Time: 8:30 to 11:00 a.m.
 Inspector(s): Mark Morris

Weather: Cloudy
 Rainfall Amount: Over 10 inches.
 Duration: In 7 days.

	Maintenance Required		Date Scheduled	Date Completed
	Yes	No		
Required Inspections				
A. Final Cover Systems				
1. Erosion	X		FY2019	
2. Vegetative Cover (other than erosion)		X		
3. Access Roads	X		FY2019	
4. Sediment Deposition	X		FY2019	
B. Drainage Control Systems				
1. Cover Terrace		X		
2. Riprap Downchutes	X		FY2019	
3. Grassed and Riprap Swales		X		
4. Drainage Layer Toe Drains		X		
5. Riprap Slope Protection		X		
6. Culverts/Pipes under Access Roads		X		
7. Sediment Deposition	X		FY2019	
C. Stormwater Management Facilities (SWM Ponds 1, 2, 3, 4, 5, 6, 8-1, 9-2, Infiltration Trench, Traps 1 East/West, 3A, 5A, 6A, 11A)				
1. Erosion	X		FY2019	
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		FY2019	

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

Riprap ditch on northwest side of Cell 8 is eroding next to access road and needs repair as part of Cell 8 construction project in FY2019.

Cell 9.1 exposed slopes require topsoil and seeding, etc. See Item #5.

Repair riprap stone chute to Pond 5 and inspect stone chutes to Pond 3 and Pond 4 in FY2019. See Items #2 and #3.

Add second pump to remove stormwater from Pond 8 to help prevent it from discharging. See Item #6.

Eroding side slope next to Scalehouse. See Item #7.

MLFRRF Post-Closure Inspection Checklist

Cells 1, 2, 4, 5, 6, and 7

Date: 7/23/2018
 Time: 8:30 to 11:00 a.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		
Required Quarterly Inspections				
A. Final Cover Systems				
1. Erosion		X		
2. Vegetative Cover (other than erosion)		X		
3. Subsidence Areas		X		
4. Leachate Seeps		X		
5. Woody Vegetation		X		
6. Access Roads		X		
7. Sediment Deposition		X		
B. Drainage Control Systems				
1. Cover Terrace		X		
2. Riprap Downchutes	X		FY2019	
3. Grassed and Riprap Swales		X		
4. Drainage Layer Toe Drains		X		
5. Riprap Slope Protection		X		
6. Culverts/Pipes under Access Roads		X		
7. Sediment Deposition		X		
C. Other Inspections				
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 routine maintenance occurring in the 4th quarter.

Note: Grounds were cut in 3rd quarter and all areas have good vegetative coverage.

Note: Cell 8 and parts of Cell 9 are currently under construction and outside the purview of this inspection.

Note: Repair riprap stone chute to Pond 5 and inspect stone chutes to Pond 3 and Pond 4 in FY2019. See Items #2 and #3.

MLFRRF Stormwater Management Inspection Checklist

Date: 7/23/2018
 Time: 8:30 to 11:00 a.m.
 Weather: Cloudy

Inspector's Name(s): Mark Morris

Inspector's Title(s): EMM

Inspector's Contact Info: 443-623-0605

	Operating Effectively	Maintenance Required	Date Scheduled	Date Completed
Structural Stormwater Management Controls				
SWM Pond #1 Wet Pond	YES			
SWM Pond #2 Infiltration Pond	YES	YES	FY 2018	May/2018
SWM Pond #3 Wet Pond	YES			
SWM Pond #4 Wet Pond	YES			
SWM Pond #5 Wet Pond	YES	YES	FY 2019	
SWM Pond #6 Wet Pond	YES			
SWM Pond #8-1 Wet Pond	See Note		FY 2019	
SWMPond #9-2 Wet Pond	See Note		FY 2019	

Describe Corrective Actions	
SWM Facility	Action Item
Pond #5	Stone chute to northeast corner of Pond #5 requires repair to reduce sediment loading to pond. Pond #5 is currently operating effectively but sediment loading from stone chute could, if not corrected, result in an unwanted discharge of sediment from the pond. Also re-inspect stone chutes to Pond #3 and #4 for erosion.
Pond #2	Scrape bottom to remove vegetative growth and improve infiltration. Completed FY2018

Inspection Items	Check When Feature Is Inspected			
	Pond #1	Pond #2	Pond #3	Pond #4
Stormwater Management Ponds				
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	Check When Feature Is Inspected			
	Pond #5	Pond #6	Pond #8-1	Pond #9-2
1. Erosion	X	X	See Note	See Note
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. Pond/Discharge Clarity	X	X		

Note: Pond 8-1 is no longer discharging and Pond 9-2 is discharging. See Item #5 and #6.

Note: Any woody vegetation will be removed as part of the routine maintenance occurring in the 4th quarter.

MLFRRF Stormwater Management Inspection Checklist

Date: 7/23/2018
 Time: 8:30 to 11:00 a.m.
 Weather: Cloudy

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

		Operating Effectively	Maintenance Required	Date Scheduled	Date Completed
		Y / N	Y / N		
Structural Stormwater Management Controls					
Trap 1 West	Detention	YES			
Trap 1 East	Detention	YES			
Infiltration Trench	Infiltration Trench	YES			
Trap 3A	Detention	YES			
Trap 5A	Detention	YES			
Trap 6A	Detention	YES			
Trap 11A	Detention	YES			
Describe Corrective Actions					
	SWM Facility	Action Item			
	_____	_____			
	_____	_____			
	_____	_____			

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

1. For purposes of tracking historical records Trap 6A was named Trap 2.

Note: Any woody vegetation will be removed as part of the routine maintenance occurring in the 4th quarter.

Note: In the future Traps 1 West will be converted to a bioretention pond and Trap 1 East will be upgraded to a pocket pond.

This inspection was completed after an extreme weather event resulting in 10 inches of rain in a 7 day period.

Dam Pond 9 2 Weather Cloudy Date July 23, 2018
 Inspectors Mark Morris Pool Level 116
 Top of Structure Elevation 119

MDE WATERWAY CONSTRUCTION PERMIT # 08-PO-0085

MARYLAND DAM INSPECTION CHECKLIST		Y	N	Monitor or Repair?
1. CREST				
Settlement, Cracking, Misalignment			X	
2. UPSTREAM SLOPE				
Ground cover in good condition	X			
Riprap in good condition	X			
Erosion, Animal burrows, Trees, Shrubs			X	
Settlements, Depressions, Bulges, Cracks			X	
3. DOWNSTREAM SLOPE				
Ground cover in good condition	X			
Erosion, Animal burrows, Trees, Shrubs			X	
Settlements, Depressions, Bulges, Cracks			X	
Seepage _____ gpm (See Note 1)			X	
4. INTERNAL DRAINAGE SYSTEM — (Filter drain, 4" PVC pipes) Under Water				
Seepage/drain flow: Left _____ gpm Right _____ gpm Other _____ gpm				
Does seepage contain fines?			X	
5. ABUTMENT CONTACTS				
Trees, Shrubs, Erosion				N/A
Seepage _____ gpm				N/A
6. SPILLWAY/RISER STRUCTURE Concrete or Metal Pipe Concrete				
Spalling, Cracking, Corrosion, Erosion, Scaling, Exposed Reinforcement			X	
Joints: Displacement, Leakage, Loss of joint material			X	
Trash Racks: Operational, Broken, Bent, Rusted Debris Obstructed			X	
Sluice/Drain Gates: Operational, Broken, bent, Corroded, Leaking				N/A
7. SPILLWAY CONDUIT Concrete or Metal Pipe Concrete				
Debris, Cracking, Leakage, Spalling, Exposed Reinforcement			X	
Joints: Displacement, Leakage, Loss of joint material			X	
8. STILLING POOL/BASIN Riprap or Concrete Riprap				
Spalling, Cracking, Erosion, Scalling, Exposed Reinforcement, Joint Deterioration			X	
Undercutting, Eroding			X	
Outlet Channel Condition: (See Note 2)				
Tailwater elevation and flow condition:				N/A
9. EMERGENCY SPILLWAY				
Ground cover in good condition				N/A
Erosion, Trees, Shrubs, Obstructions				N/A
OVERALL CONDITION (circle one): Excellent <u>Good</u> Fair Poor Unsafe				

Notes

1. Any seepage observed: None observed.

2. Regenerative Stormwater Conveyance (RSC) system step pools: Good condition.