



Community Civil Engineers, LLC

OPERATION AND
MAINTENANCE PLAN
FOR
BIO-RETENTION

BARRY STAFF

LOCATED
230 WEBSTER STREET
CITY OF DAYTON

OHIO

Recommended maintenance activities for bioretention areas

- **First year after planting**
 - Adequate water is crucial to plant survival and temporary irrigation will be needed unless rainfall is adequate until plants mature
- **As needed**
 - Prune and weed to maintain appearance
 - Stabilize or replace mulch when erosion is evident
 - Remove trash and debris
 - Mow filter strip
 - Renew mulch to replace that which has broken down into organic matter
 - Replace vegetation whenever percent cover of acceptable vegetation falls below 90 percent or project specific performance requirements are not met. If vegetation suffers for no apparent reason, consult with horticulturist and/or test soil as needed.
- **Semi-annually**
 - Inspect inflow points for clogging (off-line systems) and remove any sediment
 - Inspect filter strip/grass channel for erosion or gullyng and sod as necessary
 - Herbaceous vegetation, trees and shrubs should be inspected to evaluate their health and replanted as appropriate to meet project goals
 - Remove any dead or severely diseased vegetation
- **Annually in fall**
 - Inspect inflow points and bioretention surface for build up of road sand associated with spring melt period, remove as necessary and replant areas that have been impacted by sand/salt build up.
 - Cut back and remove previous years plant material and remove accumulated leaves if needed (or controlled burn where appropriate).

For proper nutrient control, bioretention cells must not be fertilized unless a soil test from a certified lab indicates nutrient deficiency. The one exception is a one-time fertilizer

APPENDIX

Maintenance Check List

Site Plan



**Appendix B-6
Operation and Maintenance Inspection Report for
Raingardens
BMP Identification _____**

Inspector Name Paul Hidalgo Inspection Date/Time 3-1-19 Inspection Frequency bi-weekly after 3-25-19

Maintenance Items	Inspection Items					Summary of Maintenance Required
	Inspection Frequency*	Checked? (Yes/No)	Maintenance Needed? (Yes/No)	Follow up Inspection to verify Maintenance Complete (Date) (Yes/No)		
Raingardens						
General						
a. Is the Raingarden control and contributing areas clear of debris and litter	Q	Yes	no	3-25-19		
b. Is maintenance easement clear and maintained?	Q	Yes	no	3-25-19		
c. Has there been any dumping of yard wastes into the control?	Q	no	no	3-25-19		
d. If forebays are used as part of the treatment (See B-3 for forebay maintenance forms).	Q	n/A	n/A			
e. Is the plant height equal or greater than design water depth?	Q	Yes	none			
f. Has the control been fertilized per specification?	SA	Yes				
g. Do noxious weeds, invasive species, non-natives vegetation need to be removed from the control?	Q	no	none	3-25-19		
h. Is the perimeter grass height less than or equal to 6"?	Q	Yes	no	3-25-19		
i. Does the raingarden control show any notable	Q					

Maintenance Items	Inspection Items				
	Inspection Frequency*	Checked? (Yes/No)	Maintenance Needed? (Yes/No)	Follow up Inspection to verify Maintenance Complete (Date) (Yes/No)	Summary of Maintenance Required
v. Has dead or diseased vegetation been removed from the control?	SA	NO	YES	3-25-19	work scheduled 3-22-19
w. Does the raingraden need to be weeded?	Q	YES	YES	2-25-19	Scheduled 3-22-19
x. Other(specify): New plant material added 8-16-18	M m		NO		bi-weekly yearly maintenance visits to start week of 3-25-19 for a total of 18 visits.

Inspection Frequency Key: A=Annual, SA = Semi-Annual, M=Monthly, S=After major storm

^(*) Source: Georgia Storm water Management Manual – Adapted from Watershed Management Institute, Inc. (1997)



Appendix B-7
Operation and Maintenance Inspection Report for
Infiltration Basins
BMP Identification _____

Inspector Name Brian Hidalgo Inspection Date/Time 3-1-19 Inspection Frequency bi-weekly
starting 3-25-19

Maintenance Items	Inspection Items				Summary of Maintenance Required
	Inspection Frequency*	Checked? (Yes/No)	Maintenance Needed? (Yes/No)	Follow up Inspection to verify Maintenance Complete (Date) (Yes/No)	
Infiltration Basins					
Embankments and Perimeter					
a. Is the infiltration basin and contributing area clear of debris and litter?	Q	yes	no	-	
b. Is the maintenance easement clear and free of debris?	A	yes	no	-	
c. Is there any evidence of dumping of yard wastes into the control?	Q	no	no		
d. If forebays are used as part of the treatment (See B-3 for forebay maintenance forms).	A	no	no	-	
e. Does the infiltration basin need to be Aerated and dethatched?	A	no			
f. Is there adequate vegetation and/or ground cover?	A	yes	yes	3-25-19	clean out winter desiccation
g. Do noxious weeds, Invasive species, non-natives vegetation need to be removed from the control?	Q	yes	yes	3-25-19	3-22-19 scheduled to be cleaned
h. Is the grass height less than or equal to 6" within	Q	yes	yes	3-25-19	clean out dead

Operation & Maintenance Owner's Agreement

This plan has been prepared to comply with the requirements set forth in the City of Dayton's Stormwater Ordinance (Ordinance #30811-08). I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I agree that I will maintain the post-construction water quality measures outlined within the following manual, and submit a quarterly maintenance report to the City of Dayton, Department of Water. Any changes to the post-construction water quality measures must be submitted to the Department of Water for approval, and a revised Operations and Maintenance manual must be submitted.

Derek Palmer
Owner's Name (Printed)

INDUSTRIAL ENGINEER
Title

[Signature]
Signature

4/2/19
Date

3337 N. Dixie Dr.
Address

(437) 279-9987 x 3197
Phone Number

D.PALMER@CREATIVEFOAM.COM
email

MIKE REYNOLDS
Maintenance Contact

3337 N. Dixie Dr.
Address

(437) 279-9987 x 3116
Phone Number

MIREYNOLDS@CREATIVEFOAM.COM
email

Sample Stormwater System
Inspection Checklist

Owner: CREATIVE FOAM - DAYTON MOLDED URETHANES

Inspector: DEREK PALMER

Date/Time: 4/2/19

General Conditions	
Maintenance Item	Required Action
1 Encroachment into Stormwater System	Check area for unpermitted construction that affects system, contact owner to remedy situation.
2 Complaints from residents	Review and investigate complaints, take necessary actions, respond to resident.
3 Public Hazards (describe below)	Identify any public hazards in and around the stormwater system, notify county engineer.
4 Street Cleanliness	Determine date of last street cleaning, schedule cleaning if necessary
5 Condition of Vegetation	Check for damaged or dying plantings, check length of grass, schedule remedial actions if necessary

Specific Comments:

Str No:

Comments

<u>1</u>	<u>OK. NONE OBSERVED</u>
<u>2</u>	<u>OK. NONE ISSUED</u>
<u>3</u>	<u>OK. NO HAZARD IDENTIFIED</u>
<u>4</u>	<u>OK. STREET IS CLEAN</u>
<u>5</u>	<u>OK. VEGETATION NORMAL</u>

Operation & Maintenance Owner's Agreement

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I agree that I will maintain the post-construction water quality measures outlined within the following manual, and submit a quarterly maintenance report to the City of Dayton, Department of Water. Any changes to the post-construction water quality measures must be submitted to the Department of Water for approval, and a revised Operations and Maintenance manual must be submitted.

Derek Palmer
Owner's Name (Printed)

INDUSTRIAL ENGINEER
Title

[Signature]
Signature

7/3/19
Date

3337 N. DEXIE DR.
Address

(937) 279-9987 x 3107
Phone Number

DAPALMER@CREATIVEFOAM.COM
email

MIKE REYNOLDS
Maintenance Contact

3337 N. DEXIE DR.
Address

(937) 279-9987 x 3116
Phone Number

MIKEREYNOLDS@CREATIVEFOAM.COM
email

**Sample Stormwater System
Inspection Checklist**

Owner: DAYTON MOLDED URETHANES
 Inspector: DOREK PALMER
 Date/Time: 7/3/19

General Conditions	
Maintenance Item	Required Action
1 Encroachment into Stormwater System	Check area for unpermitted construction that affects system, contact owner to remedy situation.
2 Complaints from residents	Review and investigate complaints, take necessary actions, respond to resident.
3 Public Hazards (describe below)	Identify any public hazards in and around the stormwater system, notify county engineer.
4 Street Cleanliness	Determine date of last street cleaning, schedule cleaning if necessary
5 Condition of Vegetation	Check for damaged or dying plantings, check length of grass, schedule remedial actions if necessary

Specific Comments:

Str No:	Comments
<u>1</u>	<u>OK. NOTHING OBSERVED</u>
<u>2</u>	<u>OK. NONE ISSUED</u>
<u>3</u>	<u>OK. NONE IDENTIFIED</u>
<u>4</u>	<u>OK. STREET IS CLEAN</u>
<u>5</u>	<u>OK. NO ISSUES</u>
_____	_____
_____	_____
_____	_____
_____	_____

The Food Bank

Stormwater Management Facilities

Quarterly Report

Check All That Apply

Date: 2-22-2019

All maintenance has been accomplished for this quarter according to the Maintenance Manual and as per plans.

Copy of the Stormwater Management Maintenance Checklist is attached.

Exceptions and Notes:

Terry Bernard
Signed

2-22-2019
Date

TERRY Bernard
Print Name

Stormwater Management Maintenance

Checklist

1. Check for embankment erosion on side slopes. Fill erosion areas and seed.
2. Check and remove any trash buildup at outlet and bottom of rain garden.
3. Check for any bare soil areas and seed accordingly.
4. Water and fertilize plantings. Remove and replace any plantings that have died.
5. Weed and remove any evasive plants.

Operation & Maintenance Owner's Agreement

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I agree that I will maintain the post-construction water quality measures outlined within the following manual, and submit a quarterly maintenance report to the City of Dayton, Department of Water. Any changes to the post-construction water quality measures must be submitted to the Department of Water for approval, and a revised Operations and Maintenance manual must be submitted.

111 River Park, LLC
Owner's Name (Printed)

Authorized Representative
Title

Mary G. Recker
Signature

2/26/19
Date

University of Dayton
300 College Park, Dayton, OH 45469-1660
Address

937-229-4333
Phone Number

mrecker1@udayton.edu
email

Turner PSG - Jerry Green
Maintenance Contact

3199 Klepmyer, Dayton, OH 45406
Address

937-461-7474 ext 123
Phone Number

jgreen@turnerpsg.com
email

2/24/2019 16:15

111 River Park, LLC

Bio Retention Maintenance Policy

Policy guidelines

Visually inspect and repair erosion
Inspect vegetation for disease or pest problems
Check PH twice a year add alkaline products as needed
Add mulch 2-3" in spring and late fall
Re-mulch as needed
Every two years in spring replace old mulch
Weed regularly

2018 Second Quarter	2018 Third Quarter	2018 Fourth Quarter
Compliant	Compliant	Compliant
Compliant	Compliant	Compliant
4-Apr-18	30-Aug-18	N/A
Compliant	Compliant	Compliant
Compliant	Compliant	Compliant
Compliant	N/A	N/A
Compliant	Compliant	Compliant

* see attached soil tests

Source: Construction Blueprints
2013-04-25 Bid package 6.L101

131.058
 REPORT TO: T7567
 GREEN VELVET SOD FARMS OS
 ATTN: GARY SNYDER
 BELLBROOK, OH 45305

**TURF AND ORNAMENTAL
 SOIL TEST AND RECOMMENDATION REPORT**
 SUBMITTED BY/FOR: LUNNE-GE AVIATION

04/05/18
CLC LABS
 325 VENTURE DRIVE
 LEWIS CENTER, OHIO 43035
 614 888-1663

PORT REF NUMBER	RESULTS OF ANALYSIS				CALCULATED VALUES				RESULTS OF ANALYSIS				
	Soil pH	Buffer pH	Pounds per Acre Available	Nutrient	Cation Exchange Capact.	% Base Saturation	per Acre Available	Nutrient	per Acre Available	Nutrient			
LAB NO	P	K	Ca	Mg	K	Ca	Mg	H	Na	Fe	Mn	Zn	Cu
000540	7.4	109	142	4284	357	12.4	1.5	86	12				
AVERAGE RESULTS	→	109	142	4284	357	12.4	1.5	86	12				
DISPLAY OF AVERAGE RESULTS													
SURPLUS													
HIGH													
ADEQUATE													
LOW													

PORT REF NUMBER	SAMPLE INFORMATION			FERTILIZER RECOMMENDATIONS IN LBS. PER 1,000 SQ. FT.				COMMENTS	
	PLANT TYPE	AREA TYPE	FERT/MAINT. LEVEL	LIME LBS/1000	NITROGEN	APP FREQ	P ₂ O ₅		Mg
GE AVI-WEST	COOL SEASON MIX LAWN		HIGH	4.0	-5.5	S	0.0	2.0	See All
RECOMMENDATIONS FOR AVERAGE RESULTS	→			4.0	-5.5	S	0.0	2.0	See All

DUE TO VARIATIONS IN SOIL CHEMISTRY AND CULTIVATION PRACTICES, NO WARRANTY EITHER EXPRESSED OR IMPLIED IS MADE WITH RESPECT TO PLANT PERFORMANCE. SEE COMMENTS ON REVERSE SIDE

131 059

94/04/18

REPORT TO: T7567
 GREEN VELVET SOD FARMS GS
 ATTN: GARY SNYDER
 BELLBROOK, OH 45305

**TURF AND ORNAMENTAL
 SOIL TEST AND RECOMMENDATION REPORT**
 SUBMITTED BY FOR: LUNNE-OE AVIATION

CLC LABS
 325 VENTURE DRIVE
 LEWIS CENTER, OHIO 43035
 614 888-1663

REPORT REF NUMBER	RESULTS OF ANALYSIS				CALCULATED VALUES				RESULTS OF ANALYSIS			
	Soil pH	Buffer pH	Pounds per Acre Available Nutrient	Calor Exchange Capacity	% Base Saturation	K	Ca	Mg	H	Na	Fe	Zn
1300541	7.5		46 191 4847	409	14.1	1.7	86	12				
11	AVERAGE RESULTS → 46 191 4847 409 14.1 1.7 86 12											

DISPLAY OF AVERAGE RESULTS

SURPLUS	*	*	*	*	*	*	*	*	*	*	*	*
HIGH	*	*	*	*	*	*	*	*	*	*	*	*
ADEQUATE	*	*	*	*	*	*	*	*	*	*	*	*
LOW	*	*	*	*	*	*	*	*	*	*	*	*

REPORT REF NUMBER	SAMPLE INFORMATION			FERTILIZER RECOMMENDATIONS IN LBS. PER 1,000 SQ. FT.				COMMENTS	
	PLANT TYPE	AREA TYPE	FERT/MAINT. EV-L	LIME BS/M TYPF	NITROGEN	APP. FREQ.	P ₂ O ₅		K ₂ O
1300541	COOL SEASON MIX	LAWN	HIGH		4 0 -5.5	5	0.5	1.0	See All
11	RECOMMENDATIONS FOR AVERAGE RESULTS → 4 0 -5.5 5 0.5 1.0								

CLC LABS
 325 VENTURE DRIVE
 LEWIS CENTER, OHIO 43035
 614 888-1663

REPORT TO: T303
 GREEN VELVET SOD FARMS
 3620 UPPER BELLBROOK RD
 BELLBROOK, OH 45305

253.047

**TURF AND ORNAMENTAL
 SOIL TEST AND RECOMMENDATION REPORT**
 SUBMITTED BY: FOR LUNNE LAWN & LANDSCAPE

08/30/18
CLC LABS
 105 VENTURE DRIVE
 43002

REPORT REF NUMBER	RESULTS OF ANALYSIS				CALCULATED VALUES				RESULTS OF ANALYSIS				
	Soil pH	Buffer pH	Pounds per Acre Available Nutrient	Cation Exchange Capacity	% Base Saturation	Pounds per Acre Available Nutrient	Fe	Zn	Cu	Ca	Mg	H	Na
10850	7.7		83, 204	3941	409	11.8	2.2	83	14				
1 AVERAGE RESULTS → 83, 204, 3941, 409, 11.8, 2.2, 83, 14													

DISPLAY OF AVERAGE RESULTS

SURPLUS													
HIGH	*	*	*	*	*	*	*	*	*	*	*	*	*
ADEQUATE	*	*	*	*	*	*	*	*	*	*	*	*	*
LOW	*	*	*	*	*	*	*	*	*	*	*	*	*

REPORT REF NUMBER	SAMPLE INFORMATION			FERTILIZER RECOMMENDATIONS IN LBS. PER ACRE			NO. RECOMMEND.	COMMENTS
	SAMPLE IDENTIFICATION	PLANT TYPE	AREA TYPE	LIME LBS/AM	NITROGEN	PHOSPHORUS		
1 GE. WEST	NO PLANT GIVEN	NONE	LOW	0.0	~0.0	5.0	0.0	0.0
11 RECOMMENDATIONS FOR AVERAGE RESULTS → 0.0, -0.0, 5.0, 0.0, 0.0								

SEE COMMENTS ON REVERSE SIDE

TO VARIATIONS IN WEATHER, SOIL CONDITIONS AND CULTURAL PRACTICES. NO WARRANTY EITHER EXPRESSED OR IMPLIED IS MADE WITH RESPECT TO PLANT PERFORMANCE.

**Stormwater System
Inspection Checklist**

Owner: GESHV
 Inspector: Burdick & Meyer
 Date/Time: 4/4/19 11:55 AM

① ② ③

General Conditions	
Maintenance Item	Required Action
Encroachment into Stormwater System	Check area for unpermitted construction that affects system, contact owner to remedy situation.
Complaints from residents	Review and investigate complaints, take necessary actions, respond to resident.
Public Hazards (describe below)	Identify any public hazards in and around the stormwater system, notify county engineer.
Street Cleanliness	Determine date of last street cleaning, schedule cleaning if necessary
Condition of Vegetation	Check for damaged or dying plantings, check length of grass, schedule remedial actions if necessary

none →
 ↓ →
 ↓ →
 OK →
 OK →

Specific Comments:

Catch Basins	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash
2. Presence of petroleum products	Remove petroleum products with absorbent material
3. Measurement of sediment	Measure sediment and record on inspection record, schedule cleaning of more than 50% full
4. Condition of Catch Basin	Check for cracks, missing concrete, and damage to structure
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes

OK →
 none →
 O →
 OK →
 OK →

Specific Comments:

Manholes	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause
3. Presence of sediment	Schedule cleanout, determine source and remedy cause
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes

N/A →
 ↓ ↓ ↓

Specific Comments:

Outlet Pipe	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause
3. Presence of sediment	Schedule cleanout, determine source and remedy cause
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure
5. Condition of embankment	Check vegetation and riprap for erosion, schedule remedial action if necessary

OK →
 none →
 O →
 OK →
 OK →

Specific Comments:

**Stormwater System
Inspection Checklist**

Owner: Ges MV
 Inspector: Nick Mayer
 Date/Time: 4/15/19 8:35am Woodman

① ②

General Conditions	
Maintenance Item	Required Action
Encroachment into Stormwater System	Check area for unpermitted construction that affects system, contact owner to remedy situation.
Complaints from residents	Review and investigate complaints, take necessary actions, respond to resident.
Public Hazards (describe below)	Identify any public hazards in and around the stormwater system, notify county engineer.
Street Cleanliness	Determine date of last street cleaning, schedule cleaning if necessary
Condition of Vegetation	Check for damaged or dying plantings, check length of grass, schedule remedial actions if necessary

OK OK
 None None
 None None
 OK OK
 N/A N/A

Specific Comments:

Catch Basins	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash
2. Presence of petroleum products	Remove petroleum products with absorbent material
3. Measurement of sediment	Measure sediment and record on inspection record, schedule cleaning of more than 50% full
4. Condition of Catch Basin	Check for cracks, missing concrete, and damage to structure
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes

Needs Attn Needs Attn
 None None
 O O
 OK OK
 OK OK

Specific Comments:

Manholes	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause
3. Presence of sediment	Schedule cleanout, determine source and remedy cause
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes

N/A N/A
 ↓ ↓

Specific Comments:

Outlet Pipe	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause
3. Presence of sediment	Schedule cleanout, determine source and remedy cause
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure
5. Condition of embankment	Check vegetation and riprap for erosion, schedule remedial action if necessary

Needs Attn Needs Attn
 None None
 O O
 OK OK
 OK OK

Specific Comments:

**Stormwater System
Inspection Checklist**

Owner: Ges MV
 Inspector: Nick Mayer
 Date/Time: 4/15/14 12:30 pm

Woodman

① ②

General Conditions	
Maintenance Item	Required Action
Encroachment into Stormwater System	Check area for unpermitted construction that affects system, contact owner to remedy situation.
Complaints from residents	Review and investigate complaints, take necessary actions, respond to resident.
Public Hazards (describe below)	Identify any public hazards in and around the stormwater system, notify county engineer.
Street Cleanliness	Determine date of last street cleaning, schedule cleaning if necessary
Condition of Vegetation	Check for damaged or dying plantings, check length of grass, schedule remedial actions if necessary

Specific Comments:

Catch Basins	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash
2. Presence of petroleum products	Remove petroleum products with absorbent material
3. Measurement of sediment	Measure sediment and record on inspection record, schedule cleaning of more than 50% full
4. Condition of Catch Basin	Check for cracks, missing concrete, and damage to structure
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes

OK OK

Specific Comments:

Manholes	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause
3. Presence of sediment	Schedule cleanout, determine source and remedy cause
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes

Specific Comments:

Outlet Pipe	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause
3. Presence of sediment	Schedule cleanout, determine source and remedy cause
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure
5. Condition of embankment	Check vegetation and riprap for erosion, schedule remedial action if necessary

OK OK

Specific Comments:

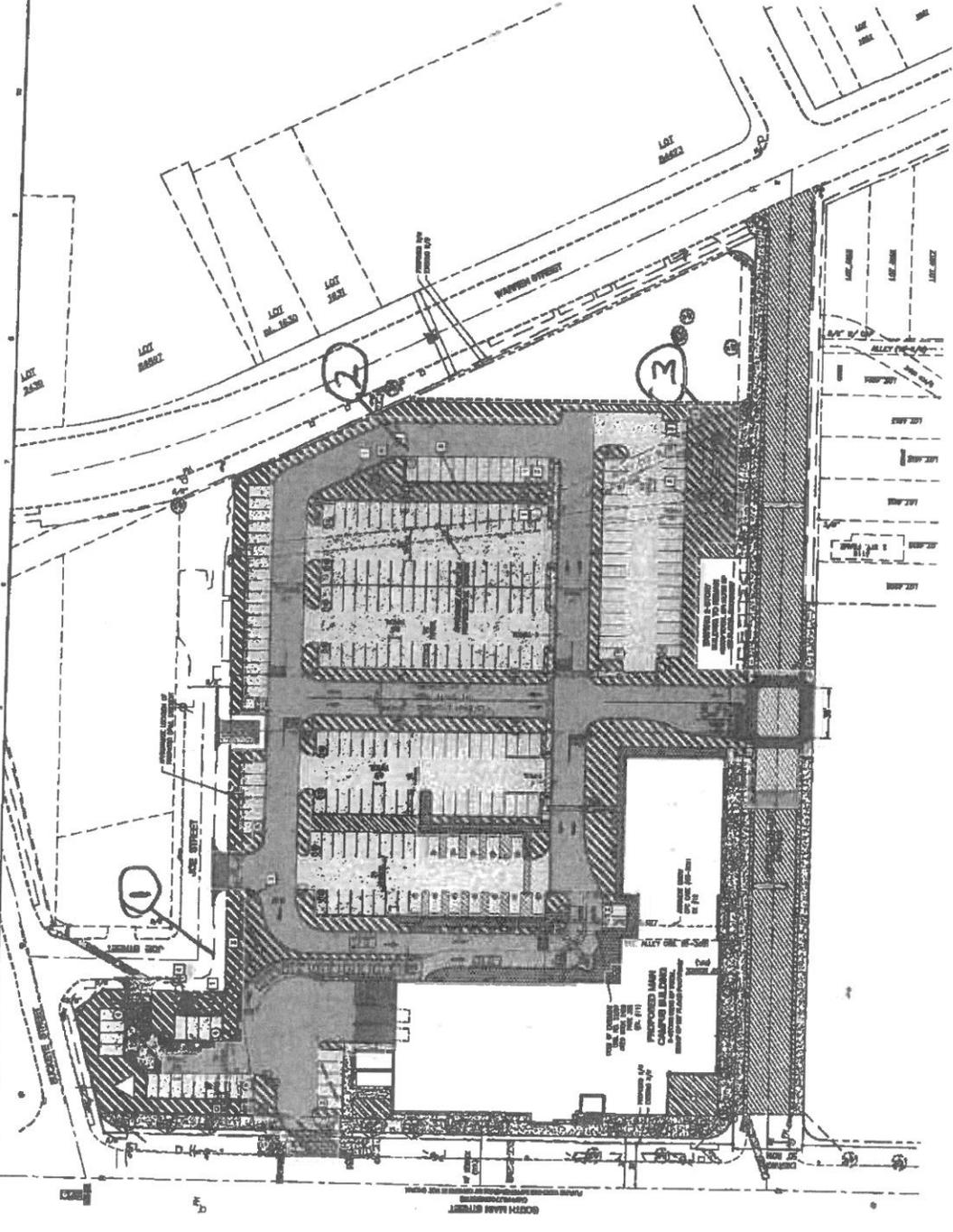
Goodwill Master Seals Mount Valley
Kahn Street Campus
500 South South Main Street
Dayton, OH 45422

PREPARED BY:
CALCHI DESIGN GROUP
1842 S. MICHIGAN AVE
SUITE 800C
CHICAGO, IL 60618
(312) 828-2816



BMP SITE PLAN KEY NOTES
 1. THE BMP SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE CITY OF DAYTON BMP MANUAL, CHAPTER 10, SECTION 10.01. THE BMP SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE CITY OF DAYTON BMP MANUAL, CHAPTER 10, SECTION 10.01. THE BMP SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE CITY OF DAYTON BMP MANUAL, CHAPTER 10, SECTION 10.01.

- PAVING LEGEND**
- 1. ASPHALT
 - 2. ASPHALT WITH CURB
 - 3. ASPHALT WITH CURB AND GUTTER
 - 4. ASPHALT WITH CURB AND GUTTER AND SIDEWALK
 - 5. ASPHALT WITH CURB AND GUTTER AND SIDEWALK AND BIKEWAY
 - 6. ASPHALT WITH CURB AND GUTTER AND SIDEWALK AND BIKEWAY AND TRAIL
 - 7. ASPHALT WITH CURB AND GUTTER AND SIDEWALK AND BIKEWAY AND TRAIL AND GREENWAY
 - 8. ASPHALT WITH CURB AND GUTTER AND SIDEWALK AND BIKEWAY AND TRAIL AND GREENWAY AND PLANTING STRIP
 - 9. ASPHALT WITH CURB AND GUTTER AND SIDEWALK AND BIKEWAY AND TRAIL AND GREENWAY AND PLANTING STRIP AND BUFFER STRIP
 - 10. ASPHALT WITH CURB AND GUTTER AND SIDEWALK AND BIKEWAY AND TRAIL AND GREENWAY AND PLANTING STRIP AND BUFFER STRIP AND BIKEWAY
 - 11. ASPHALT WITH CURB AND GUTTER AND SIDEWALK AND BIKEWAY AND TRAIL AND GREENWAY AND PLANTING STRIP AND BUFFER STRIP AND BIKEWAY AND TRAIL
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 - 13. ASPHALT WITH CURB AND GUTTER AND SIDEWALK AND BIKEWAY AND TRAIL AND GREENWAY AND PLANTING STRIP AND BUFFER STRIP AND BIKEWAY AND TRAIL AND SIDEWALK AND BIKEWAY
 - 14. ASPHALT WITH CURB AND GUTTER AND SIDEWALK AND BIKEWAY AND TRAIL AND GREENWAY AND PLANTING STRIP AND BUFFER STRIP AND BIKEWAY AND TRAIL AND SIDEWALK AND BIKEWAY AND TRAIL
 - 15. ASPHALT WITH CURB AND GUTTER AND SIDEWALK AND BIKEWAY AND TRAIL AND GREENWAY AND PLANTING STRIP AND BUFFER STRIP AND BIKEWAY AND TRAIL AND SIDEWALK AND BIKEWAY AND TRAIL AND SIDEWALK
 - 16. ASPHALT WITH CURB AND GUTTER AND SIDEWALK AND BIKEWAY AND TRAIL AND GREENWAY AND PLANTING STRIP AND BUFFER STRIP AND BIKEWAY AND TRAIL AND SIDEWALK AND BIKEWAY AND TRAIL AND SIDEWALK AND BIKEWAY
 - 17. ASPHALT WITH CURB AND GUTTER AND SIDEWALK AND BIKEWAY AND TRAIL AND GREENWAY AND PLANTING STRIP AND BUFFER STRIP AND BIKEWAY AND TRAIL AND SIDEWALK AND BIKEWAY AND TRAIL AND SIDEWALK AND BIKEWAY AND TRAIL
 - 18. ASPHALT WITH CURB AND GUTTER AND SIDEWALK AND BIKEWAY AND TRAIL AND GREENWAY AND PLANTING STRIP AND BUFFER STRIP AND BIKEWAY AND TRAIL AND SIDEWALK AND BIKEWAY AND TRAIL AND SIDEWALK AND BIKEWAY AND TRAIL AND SIDEWALK
 - 19. ASPHALT WITH CURB AND GUTTER AND SIDEWALK AND BIKEWAY AND TRAIL AND GREENWAY AND PLANTING STRIP AND BUFFER STRIP AND BIKEWAY AND TRAIL AND SIDEWALK AND BIKEWAY AND TRAIL AND SIDEWALK AND BIKEWAY AND TRAIL AND SIDEWALK AND BIKEWAY
 - 20. ASPHALT WITH CURB AND GUTTER AND SIDEWALK AND BIKEWAY AND TRAIL AND GREENWAY AND PLANTING STRIP AND BUFFER STRIP AND BIKEWAY AND TRAIL AND SIDEWALK AND BIKEWAY AND TRAIL AND SIDEWALK AND BIKEWAY AND TRAIL AND SIDEWALK AND BIKEWAY AND TRAIL



SCALE AND KEY NOTES:
 1. THE SCALE OF THIS PLAN IS 1/4" = 1'-0".
 2. THE SCALE OF THIS PLAN IS 1/4" = 1'-0".
 3. THE SCALE OF THIS PLAN IS 1/4" = 1'-0".

CITY OF DAYTON BMP MANUAL:
 1. THE CITY OF DAYTON BMP MANUAL IS THE AUTHORITY FOR THE BMP REQUIREMENTS.
 2. THE CITY OF DAYTON BMP MANUAL IS THE AUTHORITY FOR THE BMP REQUIREMENTS.
 3. THE CITY OF DAYTON BMP MANUAL IS THE AUTHORITY FOR THE BMP REQUIREMENTS.

**Stormwater System
Inspection Checklist**

Owner: GESMV
 Inspector: Nick Mayer
 Date/Time: 7/15/19 9:04 AM

1 2 3

General Conditions	
Maintenance Item	Required Action
Encroachment into Stormwater System	Check area for unpermitted construction that affects system, contact owner to remedy situation.
Complaints from residents	Review and investigate complaints, take necessary actions, respond to resident.
Public Hazards (describe below)	Identify any public hazards in and around the stormwater system, notify county engineer.
Street Cleanliness	Determine date of last street cleaning, schedule cleaning if necessary
Condition of Vegetation	Check for damaged or dying plantings, check length of grass, schedule remedial actions if necessary

None None None
 ↓ ↓ ↓
 OK OK OK
 OK OK OK

Specific Comments:

Catch Basins	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash
2. Presence of petroleum products	Remove petroleum products with absorbent material
3. Measurement of sediment	Measure sediment and record on inspection record, schedule cleaning of more than 50% full
4. Condition of Catch Basin	Check for cracks, missing concrete, and damage to structure
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes

OK OK OK
 None None None
 O O O
 OK OK OK
 OK OK OK

Specific Comments:

Manholes	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause
3. Presence of sediment	Schedule cleanout, determine source and remedy cause
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes

NA NA NA
 ↓ ↓ ↓

Specific Comments:

Outlet Pipe	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause
3. Presence of sediment	Schedule cleanout, determine source and remedy cause
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure
5. Condition of embankment	Check vegetation and riprap for erosion, schedule remedial action if necessary

OK OK OK
 None None None
 O O O
 OK OK OK
 OK OK OK

Specific Comments:

**Stormwater System
Inspection Checklist**

Owner: GESMV
 Inspector: Nick Mayer
 Date/Time: 7/15/2019

Woodme

① ②

General Conditions	
Maintenance Item	Required Action
Encroachment into Stormwater System	Check area for unpermitted construction that affects system, contact owner to remedy situation.
Complaints from residents	Review and investigate complaints, take necessary actions, respond to resident.
Public Hazards (describe below)	Identify any public hazards in and around the stormwater system, notify county engineer.
Street Cleanliness	Determine date of last street cleaning, schedule cleaning if necessary
Condition of Vegetation	Check for damaged or dying plantings, check length of grass, schedule remedial actions if necessary

OK OK
 NONE NONE
 NONE NONE
 OK OK
 N/A N/A

Specific Comments:

Catch Basins	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash
2. Presence of petroleum products	Remove petroleum products with absorbent material
3. Measurement of sediment	Measure sediment and record on inspection record, schedule cleaning of more than 50% full
4. Condition of Catch Basin	Check for cracks, missing concrete, and damage to structure
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes

OK OK
 NONE NONE
 NEEDS ATTN NONE
 OK OK
 OK OK

Specific Comments:

Manholes	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause
3. Presence of sediment	Schedule cleanout, determine source and remedy cause
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes

N/A N/A
 N/A N/A
 NEEDS ATTN N/A
 N/A N/A
 N/A N/A

Specific Comments:

Outlet Pipe	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause
3. Presence of sediment	Schedule cleanout, determine source and remedy cause
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure
5. Condition of embankment	Check vegetation and riprap for erosion, schedule remedial action if necessary

OK OK
 NONE NONE
 NEEDS ATTN 0
 OK OK
 OK OK

Specific Comments:

**Stormwater System
Inspection Checklist**

Owner: GES MV
 Inspector: Nick Mayer
 Date/Time: 7/16/2019

① ②

General Conditions	
Maintenance Item	Required Action
Encroachment into Stormwater System	Check area for unpermitted construction that affects system, contact owner to remedy situation.
Complaints from residents	Review and investigate complaints, take necessary actions, respond to resident.
Public Hazards (describe below)	Identify any public hazards in and around the stormwater system, notify county engineer.
Street Cleanliness	Determine date of last street cleaning, schedule cleaning if necessary
Condition of Vegetation	Check for damaged or dying plantings, check length of grass, schedule remedial actions if necessary

Specific Comments:

Catch Basins	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash
2. Presence of petroleum products	Remove petroleum products with absorbent material
3. Measurement of sediment	Measure sediment and record on inspection record, schedule cleaning of more than 50% full
4. Condition of Catch Basin	Check for cracks, missing concrete, and damage to structure
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes

OK

Specific Comments:

Manholes	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause
3. Presence of sediment	Schedule cleanout, determine source and remedy cause
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes

OK

Specific Comments:

Outlet Pipe	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause
3. Presence of sediment	Schedule cleanout, determine source and remedy cause
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure
5. Condition of embankment	Check vegetation and riprap for erosion, schedule remedial action if necessary

OK

Specific Comments:

**Stormwater System
Inspection Checklist**

Owner: GESMV

660 S Main

Inspector: Budd

Date/Time: 12/19/18

120

General Conditions	
Maintenance Item	Required Action
Encroachment into Stormwater System	Check area for unpermitted construction that affects system, contact owner to remedy situation.
Complaints from residents	Review and investigate complaints, take necessary actions, respond to resident.
Public Hazards (describe below)	Identify any public hazards in and around the stormwater system, notify county engineer.
Street Cleanliness	Determine date of last street cleaning, schedule cleaning if necessary
Condition of Vegetation	Check for damaged or dying plantings, check length of grass, schedule remedial actions if necessary

① ② ③
none →
↓ →
↓ →
OK →
OK →

Specific Comments:

Catch Basins	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash
2. Presence of petroleum products	Remove petroleum products with absorbent material
3. Measurement of sediment	Measure sediment and record on inspection record, schedule cleaning of more than 50% full
4. Condition of Catch Basin	Check for cracks, missing concrete, and damage to structure
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes

OK →
none none →
0 0
OK →
OK →

Specific Comments:

Manholes	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause
3. Presence of sediment	Schedule cleanout, determine source and remedy cause
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes

N/A →
↓ ↓ ↓

Specific Comments:

Outlet Pipe	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause
3. Presence of sediment	Schedule cleanout, determine source and remedy cause
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure
5. Condition of embankment	Check vegetation and riprap for erosion, schedule remedial action if necessary

OK →
none →
0 →
OK →
OK →

Specific Comments:

**Stormwater System
Inspection Checklist**

Owner: GESHV

Inspector: Ruddle

Date/Time: 12/19/18 12⁴⁰

Woodman ① ②

General Conditions	
Maintenance Item	Required Action
Encroachment into Stormwater System	Check area for unpermitted construction that affects system, contact owner to remedy situation.
Complaints from residents	Review and investigate complaints, take necessary actions, respond to resident.
Public Hazards (describe below)	Identify any public hazards in and around the stormwater system, notify county engineer.
Street Cleanliness	Determine date of last street cleaning, schedule cleaning if necessary
Condition of Vegetation	Check for damaged or dying plantings, check length of grass, schedule remedial actions if necessary

OK OK
 none none
 none none
 OK OK
 N/A N/A

Specific Comments:

Catch Basins	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash
2. Presence of petroleum products	Remove petroleum products with absorbent material
3. Measurement of sediment	Measure sediment and record on inspection record, schedule cleaning of more than 50% full
4. Condition of Catch Basin	Check for cracks, missing concrete, and damage to structure
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes

OK OK
 none none
 O O
 OK OK
 OK OK

Specific Comments:

Manholes	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause
3. Presence of sediment	Schedule cleanout, determine source and remedy cause
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes

- N/A -


Specific Comments:

Outlet Pipe	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause
3. Presence of sediment	Schedule cleanout, determine source and remedy cause
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure
5. Condition of embankment	Check vegetation and riprap for erosion, schedule remedial action if necessary

OK OK
 none none
 O O
 OK OK
 OK OK

Specific Comments:



2012 Webster Street
(Plant #7)

Date: 4-1-19

Inspected by: Josh Edwards

Quarterly Rain Garden Inspection

Procedure(s):

1. Confirm Function: No standing water or evidence of overflows
2. Remove Debris: Confirm overflow drain is clear of debris / Remove any litter from garden area
3. Condition of Plantings: Visual inspection of the plantings health / Notify "Groundbreakers Landscaping" of the need for replacement plantings

Inspection	Check	Description of actions needed to be taken for improvement
1. Confirm Function	✓	No Issues Found.
2. Remove Debris	✓	Removed Trash.
3. Condition of Plantings	✓	No Issues Found.

Additional Notes:



January 2, 2019

Emad Toufils, P.E.
Department of Water
City of Dayton
320 West Monument Avenue
Dayton, OH 45402

Dear Emad:

Enclosed please find the Maintenance Compliance Reports for the post construction water quality program of Norwood Tool Company operations at 2012 Webster Street and 2040 Webster Street showing completion of required procedures for the period of January 1, 2019 through March 31, 2019.

Please contact me at (937) 228-4101 if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Kenneth J. Hemmelgarn, Jr.", written in a cursive style.

Kenneth J. Hemmelgarn, Jr.



2012 Webster Street
(Plant #7)

Date: 1-2-19

Inspected by: Josh Edwards

Quarterly Rain Garden Inspection

Procedure(s):

- 1. Confirm Function: No standing water or evidence of overflows
- 2. Remove Debris: Confirm overflow drain is clear of debris / Remove any litter from garden area
- 3. Condition of Plantings: Visual inspection of the plantings health / Notify "Groundbreakers Landscaping" of the need for replacement plantings

Inspection	Check	Description of actions needed to be taken for improvement
1. Confirm Function	✓	No Issues
2. Remove Debris	✓	Trash Removed
3. Condition of Plantings	✓	No Issues

Additional Notes:

Large empty rectangular area for additional notes.



July 2, 2019

Emad Toufils, P.E.
Department of Water
City of Dayton
320 West Monument Avenue
Dayton, OH 45402

Dear Emad:

Enclosed please find the Maintenance Compliance Reports for the post construction water quality program of Norwood Tool Company operations at 2012 Webster Street and 2040 Webster Street showing completion of required procedures for the period of July 1, 2019 through September 30, 2019.

Please contact me at (937) 228-4101 if you have any questions or need additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kenneth J. Hemmelgarn, Jr.", with a horizontal line extending to the right.

Kenneth J. Hemmelgarn, Jr.



2012 Webster Street
(Plant #7)

Date: 7-2-19

Inspected by: J. Edwards

Quarterly Rain Garden Inspection

Procedure(s):

- 1. Confirm Function: No standing water or evidence of overflows
- 2. Remove Debris: Confirm overflow drain is clear of debris / Remove any litter from garden area
- 3. Condition of Plantings: Visual inspection of the plantings health / Notify "Groundbreakers Landscaping" of the need for replacement plantings

Inspection	Check	Description of actions needed to be taken for improvement
1. Confirm Function	✓	No Issues.
2. Remove Debris	✓	Removed Trish.
3. Condition of Plantings	✓	No Issues.

Additional Notes:



2040 Webster Street
(Plant #8)

Date: 4-1-19
Inspected by: Sash Edwards

Quarterly Catch Basin Insert Inspection

Procedure(s):

- 1. Confirm Function: No standing water around the filter / Filter is properly attached to the base plate / Base plate not damaged and is attached to the catch basin walls
- 2. Remove Debris: Remove any debris from the base plate accumulation area and side of the filter
- 3. Inspect Filter: Clean and/or replace filter as necessary / Water should flow freely through the cleaned filter

Inspection	Check	Description of actions needed to be taken for improvement
1. Confirm Function	✓	No Issues Found.
2. Remove Debris	✓	Removed Debris.
3. Inspect Filter	✓	Cleaned, Inspected, + Re-installed.

Additional Notes:



January 2, 2019

Emad Toufils, P.E.
Department of Water
City of Dayton
320 West Monument Avenue
Dayton, OH 45402

Dear Emad:

Enclosed please find the Maintenance Compliance Reports for the post construction water quality program of Norwood Tool Company operations at 2012 Webster Street and 2040 Webster Street showing completion of required procedures for the period of January 1, 2019 through March 31, 2019.

Please contact me at (937) 228-4101 if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Kenneth J. Hemmelgarn, Jr.", written in a cursive style.

Kenneth J. Hemmelgarn, Jr.



2040 Webster Street
(Plant #8)

Date: 1-2-19
Inspected by: Josh Edwards

Quarterly Catch Basin Insert Inspection

Procedure(s):

1. Confirm Function: No standing water around the filter / Filter is properly attached to the base plate / Base plate not damaged and is attached to the catch basin walls
2. Remove Debris: Remove any debris from the base plate accumulation area and side of the filter
3. Inspect Filter: Clean and/or replace filter as necessary / Water should flow freely through the cleaned filter

Inspection	Check	Description of actions needed to be taken for improvement
1. Confirm Function	✓	No Issues
2. Remove Debris	✓	Removed Debris
3. Inspect Filter	✓	Cleaned, Inspect & Reinstall

Additional Notes:



July 2, 2019

Emad Toufils, P.E.
Department of Water
City of Dayton
320 West Monument Avenue
Dayton, OH 45402

Dear Emad:

Enclosed please find the Maintenance Compliance Reports for the post construction water quality program of Norwood Tool Company operations at 2012 Webster Street and 2040 Webster Street showing completion of required procedures for the period of July 1, 2019 through September 30, 2019.

Please contact me at (937) 228-4101 if you have any questions or need additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kenneth J. Hemmelgarn, Jr.", with a horizontal line extending to the right.

Kenneth J. Hemmelgarn, Jr.



2040 Webster Street
(Plant #8)

Date: 7-2-19

Inspected by: J. Edwards

Quarterly Catch Basin Insert Inspection

Procedure(s):

- 1. Confirm Function: No standing water around the filter / Filter is properly attached to the base plate / Base plate not damaged and is attached to the catch basin walls
- 2. Remove Debris: Remove any debris from the base plate accumulation area and side of the filter
- 3. Inspect Filter: Clean and/or replace filter as necessary / Water should flow freely through the cleaned filter

Inspection	Check	Description of actions needed to be taken for improvement
1. Confirm Function	✓	No Issues
2. Remove Debris	✓	Removed Trash.
3. Inspect Filter	✓	Cleaned + Reinstalled.

Additional Notes:

Inspection Checklist

**LKQ Pick Your Part Self Service Auto Parts
Dayton, Ohio**

Storm Water Operation and Maintenance Facility Inspection Checklist

Date 04/04/2018 Weather Sunny / 50°
 Inspector's Name Ryan Blunk

	Inspection Item	Yes	No
1	Inspect the Embankment		
	Is the embankment and outlet structure integrity intact?	X	
	Is mowing and surface maintenance adequate- minimum of 3-4 inches?	X	
	Comments:		
2	Inspect the Basin Bottom		
	Is the micro-pool intact and functioning adequately?	X	
	Is the micro-pool maintenance adequate to minimize sediment accumulation?	X	
	Is housekeeping adequate to protect storm water?	X	
	Comments:		
3	Inspect the Grass and Vegetation		
	Is the vegetation free of invasive species?	X	
	Is the vegetation free of rodents and other vector?	X	
	Comments:		
4	Inspect the Catch Basins		
	Is the catch basin in good condition and structurally intact?	X	
	Is the outlet pipe in good condition and structurally intact?	X	
	Is the catch basin free of trash and petroleum products?	X	
	Measure and document amount of sediment in basin		
	Is housekeeping adequate to protect storm water?	X	
	Comments:		
5	Corrective Actions Completed		

Inspection Checklist

**LKQ Pick Your Part Self Service Auto Parts
Dayton, Ohio**

Storm Water Operation and Maintenance Facility Inspection Checklist

Date 06/26/2018 Weather Sunny 85°
 Inspector's Name Ryan Blank

	Inspection Item	Yes	No
1	Inspect the Embankment		
	Is the embankment and outlet structure integrity intact?	X	
	Is mowing and surface maintenance adequate- minimum of 3-4 inches?	X	
	Comments:		
2	Inspect the Basin Bottom		
	Is the micro-pool intact and functioning adequately?	X	
	Is the micro-pool maintenance adequate to minimize sediment accumulation?	X	
	Is housekeeping adequate to protect storm water?	X	
	Comments:		
3	Inspect the Grass and Vegetation		
	Is the vegetation free of invasive species?	X	
	Is the vegetation free of rodents and other vector?	X	
	Comments:		
4	Inspect the Catch Basins		
	Is the catch basin in good condition and structurally intact?	X	
	Is the outlet pipe in good condition and structurally intact?	X	
	Is the catch basin free of trash and petroleum products?	X	
	Measure and document amount of sediment in basin		
	Is housekeeping adequate to protect storm water?	X	
	Comments:		
5	Corrective Actions Completed		

February 11, 2019



Mr. Emad Toufils, P.E.
Department of Water
City of Dayton
320 West Monument Avenue
Dayton, Ohio 45402

**Regarding: 1st Quarter 2019 Storm Water System Inspection
Love's Travel Stop #427
2217 S. Edwin C. Moses Blvd, Dayton, Ohio
PSARA PN 30741.52**

Dear Mr. Toufils:

PSARA Technologies, Inc. (PSARA) recently completed storm water inspection and maintenance activities for the 1st quarter of 2019 at the above-reference facility in Dayton, Ohio. Enclosed you will find a site map and completed inspection logs/notes from the site Operations and Maintenance Manual.

If you have any questions, please do not hesitate to call me at (513) 791-4418.

Sincerely,

PSARA TECHNOLOGIES, INC.

Michael O'Connell, PG
Principal

cc: Kyle Collins, Love's Travel Stops & Country Stores

Enclosure

**E N V I R O N M E N T A L
C O N S U L T A N T S**

10925 REED HARTMAN HIGHWAY
SUITE 220
CINCINNATI, OH 45242
TEL: 513.791.4418
FAX: 513.791.5797
E-MAIL: mailbox@psara.com

**Stormwater System
Inspection Checklist**

Owner: Love's Travel Stops
 Inspector: Jeff Grabo
 Date/Time: 2/1/2019 ; 10:30AM

General Conditions	
Maintenance Item	Required Action
Encroachment into Stormwater System	Check area for unpermitted construction that affects system, contact owner to remedy situation.
Complaints from residents	Review and investigate complaints, take necessary actions, respond to resident.
Public Hazards (describe below)	Identify any public hazards in and around the stormwater system, notify county engineer.
Street Cleanliness	Determine date of last street cleaning, schedule cleaning if necessary.
Condition of Vegetation	Check for damaged or dying plantings, check length of grass, schedule remedial actions if necessary.

Specific Comments:

No encroachment/modifications to SW system observed during the site visit.

No complaints reported.

No public hazards noted during visit.

No unusually stressed vegetation. Tall trees and weeds were removed during additional trip in October 2018. Two man team removed large quantities of heavy brush and tree-like weeds. Upon the current inspection, pond remains clear and the weeds and the weeds appear dormant for the winter.

Snow and ice limited visible inspection of ponds and catch basins, however efforts were made to remove snow from catch basins to inspect anyway.

**Stormwater System
Inspection Checklist**

Catch Basins	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash.
2. Presence of petroleum products	Remove petroleum products with absorbent material.
3. Measurement of sediment	Measure sediment and record on inspection record, schedule cleaning of more than 50% full.
4. Condition of Catch Basin	Check for cracks, missing concrete, and damage to structure.
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes.

Specific Comments:

All catch basins inspected and cleaned as needed.

(See separate inspection form regarding condition and maintenance of catch basins.)

All inlet and outlet pipes/structures appeared in good condition.

**Stormwater System
Inspection Checklist**

Manholes	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause.
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause.
3. Presence of sediment	Schedule cleanout, determine source and remedy cause.
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure.
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes.

Specific Comments:

Only manholes are marked city sanitary sewer near the road.

E2 assumed to be under landscaping stone still.

All manholes appeared in good surficial condition (not opened).

**Stormwater System
Inspection Checklist**

Outlet Pipe	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause.
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause.
3. Presence of sediment	Schedule cleanout, determine source and remedy cause.
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure.
5. Condition of embankment	Check vegetation and riprap for erosion, schedule remedial action if necessary.

Specific Comments:

All outlet pipes were located and appeared in good condition.

No large weeds and woody plants were noticed around inlet pipes (e.g., N1, S4, N3 inlets).

Maintenance items that were completed during the 4th quarter appear to have kept the pond vegetation under control.

It does not appear that further clearing of vegetation will be necessary during the 2nd quarter of 2019.

**Stormwater System
Inspection Checklist**

Storm Water Basin	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause.
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause.
3. Presence of sediment	Schedule cleanout, determine source and remedy cause.
4. Condition of embankment	Check vegetation and riprap for erosion, schedule remedial action if necessary.
5. Condition of fore-bay(s) and micro-pool(s)	Check for adequate volume, schedule remedial action if necessary.

Specific Comments:

Trash removed to the extent practicable (See notes on separate maintenance sheet).

Trimming was conducted in October, a month prior to inspection, and weeds were trimmed to approximately half of a foot tall. Woody debris were removed and disposed of.

Light Weeds noted at WQB #1, but it appears to help keep trash out of pond. No issues of heavy vegetation were noted at WQB #2.

Maintenance conducted by two-man team in October appears to have worked and further maintenance of vegetation will likely not be necessary during the 2nd quarter of 2019.

Storm Water Structure Inspection

Site Location: Loves Travel Stop and Country Store # 427 - Dayton, Ohio

BMP Information: Loves Travel Stops and Country Stores Inc

10601 Pennsylvania Ave

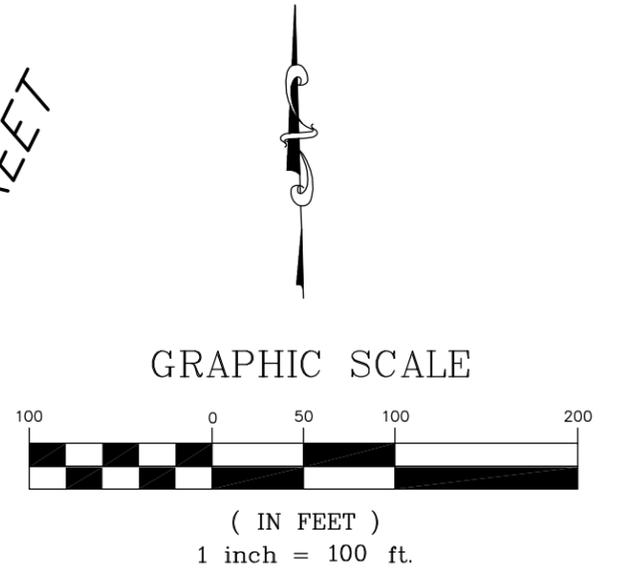
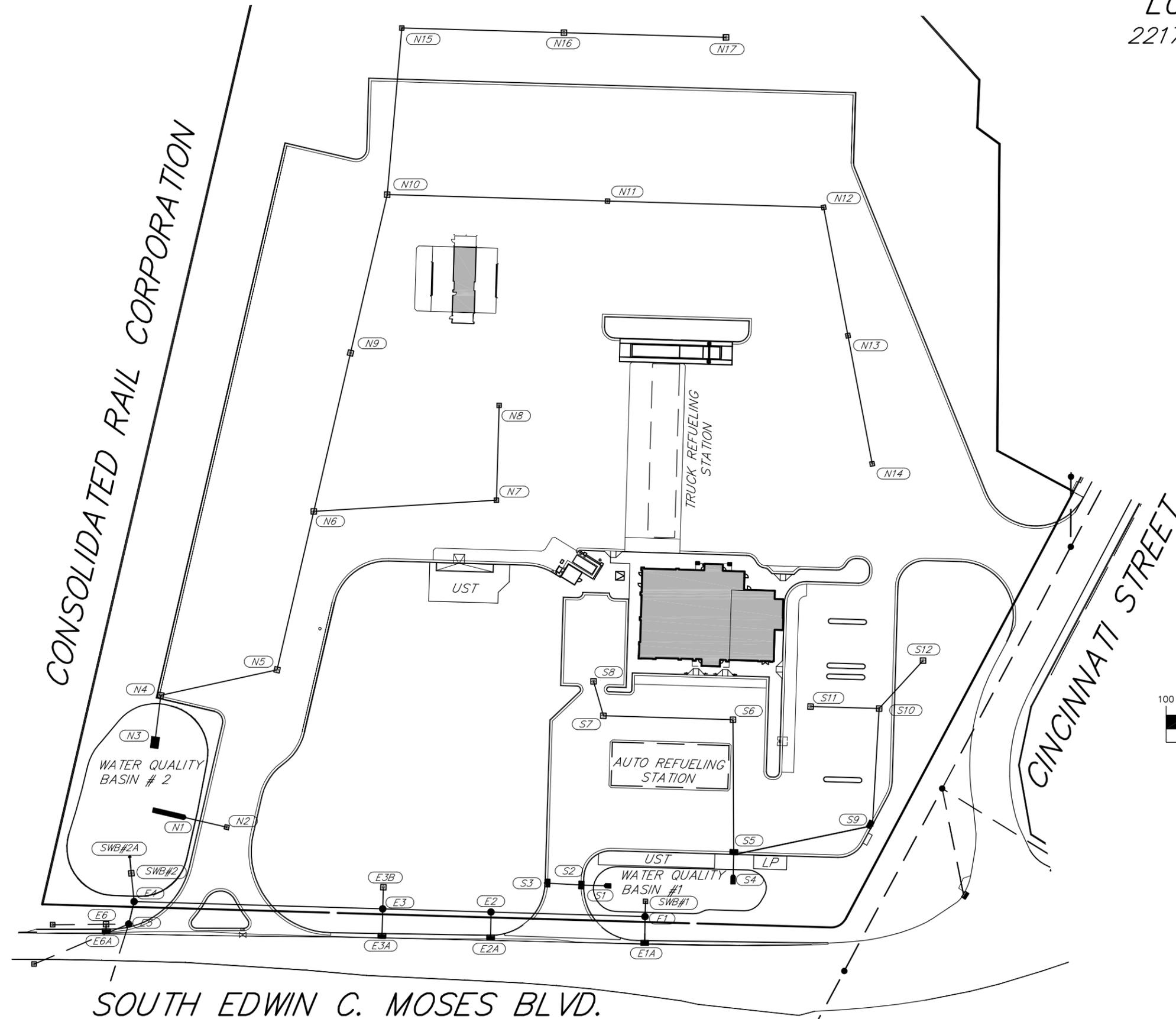
Oklahoma City, OK 73120

Inspector : Jeff Grabo - PSARA TECHNOLOGIES INC., (513) 791-4418

Date of Inspection 11/5/2018

CB #	Trash Present	Standing Water	Oil/sheen Present	Sediment Present	Notes / Maintenance
S1	No	Snow/Ice	No	Minor	Storm Drain Stuck
S2	Yes	Snow/Ice	No	Moderate	Trash, Snow, and Sediment Removed
S3	Yes	Snow/Ice	No	Moderate	Trash, Snow, and Sediment Removed
S4	Yes	Snow/Ice	No	Minor	Storm Drain Stuck
S5	No	Snow/Ice	No	Minor	Storm Drain Stuck
S6	Yes	Snow/Ice	No	Minor	Trash, Snow, and Sediment Removed
S7	Yes	Snow/Ice	No	Moderate	Trash, Snow, and Sediment Removed
S8	Yes	Snow/Ice	No	Minor	Trash, Snow, and Sediment Removed
S9	Yes	Snow/Ice	No	Minor	Storm Drain Stuck
S10	No	Snow/Ice	No	Minor	Storm Drain Stuck
S11	Yes	Snow/Ice	No	Minor	Storm Drain Stuck
S12	Yes	Snow/Ice	No	Minor	Trash, Snow, and Sediment Removed
N14	No	Snow/Ice	No	No	Storm Drain Stuck
N13	No	Snow/Ice	No	No	Snow and Sediment Removed
N12	No	Snow/Ice	No	Minor	Trash, Snow, and Sediment Removed
N11	No	Snow/Ice	No	Minor	Trash, Snow, and Sediment Removed
N15	Yes	Snow/Ice	No	Minor	Storm Drain Stuck
N16	Yes	Snow/Ice	No	Minor	Trash, Snow, and Sediment Removed
N17	Yes	Snow/Ice	No	Minor	Storm Drain Stuck
N10	No	Snow/Ice	No	Minor	Snow and Sediment Removed
N9	No	Snow/Ice	No	Minor	Storm Drain Stuck
N8	No	Snow/Ice	No	Minor	Snow and Sediment Removed
N7	No	Snow/Ice	No	Minor	Snow and Sediment Removed
N6	No	Snow/Ice	No	No	Storm Drain Stuck
N5	No	Snow/Ice	No	Minor	Snow and Sediment Removed
N4	No	Snow/Ice	No	No	Storm Drain Stuck
N3	Yes	Snow/Ice	No	Moderate	Trash, Snow, and Sediment Removed
N2	Yes	Snow/Ice	No	Moderate	Trash, Snow, and Sediment Removed
N1	Yes	Snow/Ice	No	Moderate	Trash, Snow, and Sediment Removed
Pond/ WQB	Trash	Oil/ sheen	Notes/Maintenance (vegetation, rip-rap, outlet/inlet structures, sedimentation, etc.)		
#1 (east)	yes	None	Removed some trash, very little in water		
#2 (west)	yes	None	Removed trash from perimeter, weeds and vegetation look much better		

LOVE'S TRAVEL CENTER
 2217 SOUTH EDWIN C. MOSES BLVD.
 DAYTON, OHIO
 PHONE: _____



LOVE'S TRAVEL STOPS
CORPORATE OFFICE
 10601 NORTH PENNSYLVANIA
 OKLAHOMA CITY, OK 73120
 PHONE: 1-800-388-0983

May 17, 2019



Mr. Emad Toufils, P.E.
Department of Water
City of Dayton
320 West Monument Avenue
Dayton, Ohio 45402

**Regarding: 2nd Quarter 2019 Storm Water System Inspection
Love's Travel Stop #427
2217 S. Edwin C. Moses Blvd, Dayton, Ohio
PSARA PN 30741.52**

Dear Mr. Toufils:

PSARA Technologies, Inc. (PSARA) recently completed storm water inspection and maintenance activities for the 2nd quarter of 2019 at the above-reference facility in Dayton, Ohio. Enclosed you will find a site map and completed inspection logs/notes from the site Operations and Maintenance Manual.

If you have any questions, please do not hesitate to call me at (513) 791-4418.

Sincerely,

PSARA TECHNOLOGIES, INC.

Michael O'Connell, PG
Principal

cc: Kyle Collins, Love's Travel Stops & Country Stores

Enclosure

**E N V I R O N M E N T A L
C O N S U L T A N T S**

10925 REED HARTMAN HIGHWAY
SUITE 220
CINCINNATI, OH 45242
TEL: 513.791.4418
FAX: 513.791.5797
E-MAIL: mailbox@psara.com

**Stormwater System
Inspection Checklist**

Owner: Love's Travel Stops

Inspector: Jeff Grabo

Date/Time: 5/1/2019 ; 10:30AM

General Conditions	
Maintenance Item	Required Action
Encroachment into Stormwater System	Check area for unpermitted construction that affects system, contact owner to remedy situation.
Complaints from residents	Review and investigate complaints, take necessary actions, respond to resident.
Public Hazards (describe below)	Identify any public hazards in and around the stormwater system, notify county engineer.
Street Cleanliness	Determine date of last street cleaning, schedule cleaning if necessary.
Condition of Vegetation	Check for damaged or dying plantings, check length of grass, schedule remedial actions if necessary.

Specific Comments:

No encroachment/modifications to SW system observed during the site visit.

No complaints reported.

No public hazards noted during visit.

No unusually stressed vegetation. Tall trees and weeds were removed during additional trip in October 2018. Two man team removed large quantities of heavy brush and tree-like weeds. During inspection of May 2019, vegetation still looks to be under control but will continue to monitor in future visits. Small to moderate amount of trash caught in the vegetation surrounding the pond was removed.

**Stormwater System
Inspection Checklist**

Catch Basins	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash.
2. Presence of petroleum products	Remove petroleum products with absorbent material.
3. Measurement of sediment	Measure sediment and record on inspection record, schedule cleaning of more than 50% full.
4. Condition of Catch Basin	Check for cracks, missing concrete, and damage to structure.
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes.

Specific Comments:

All catch basins inspected and cleaned as needed.

(See separate inspection form regarding condition and maintenance of catch basins.)

All inlet and outlet pipes/structures appeared in good condition.

**Stormwater System
Inspection Checklist**

Manholes	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause.
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause.
3. Presence of sediment	Schedule cleanout, determine source and remedy cause.
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure.
5. Condition of inlet and outlet pipes	Check for cracks, gaps, and damage to pipes.

Specific Comments:

Only manholes are marked city sanitary sewer near the road.

E2 assumed to be under landscaping stone still.

All manholes appeared in good surficial condition (not opened).

**Stormwater System
Inspection Checklist**

Outlet Pipe	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause.
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause.
3. Presence of sediment	Schedule cleanout, determine source and remedy cause.
4. Condition of Manhole	Check for cracks, missing concrete, and damage to structure.
5. Condition of embankment	Check vegetation and riprap for erosion, schedule remedial action if necessary.

Specific Comments:

All outlet pipes were located and appeared in good condition.

No large weeds and woody plants were noticed around inlet pipes (e.g., N1, S4, N3 inlets).

Maintenance items that were completed during the 4th quarter of 2018 appear to have kept the pond vegetation under control.

It does not appear that further clearing of vegetation will be necessary during the 3rd quarter of 2019, but the area will be monitored further in August to decide if any trimming or clearing will be needed in 2019.

**Stormwater System
Inspection Checklist**

Storm Water Basin	
Maintenance Item	Required Action
1. Presence of Trash	Remove all trash, determine source and remedy cause.
2. Presence of petroleum products	Remove petroleum products with absorbent material, determine source and remedy cause.
3. Presence of sediment	Schedule cleanout, determine source and remedy cause.
4. Condition of embankment	Check vegetation and riprap for erosion, schedule remedial action if necessary.
5. Condition of fore-bay(s) and micro-pool(s)	Check for adequate volume, schedule remedial action if necessary.

Specific Comments:

Trash removed to the extent practicable (See notes on separate maintenance sheet).

Trimming was conducted in October, a month prior to inspection, and weeds were trimmed to approximately half of a foot tall. Woody debris were removed and disposed of.

Light Weeds noted at WQB #1, but it appears to help keep trash out of pond. No issues of heavy vegetation were noted at WQB #2.

Maintenance conducted by two-man team in October appears to have worked and further maintenance of vegetation will likely not be necessary during the 3rd quarter of 2019, but with it being the spring season and the growth rate increased, the area will be continue to be monitored in August to determine if remediation is necessary.

Storm Water Structure Inspection

Site Location: Loves Travel Stop and Country Store # 427 - Dayton, Ohio

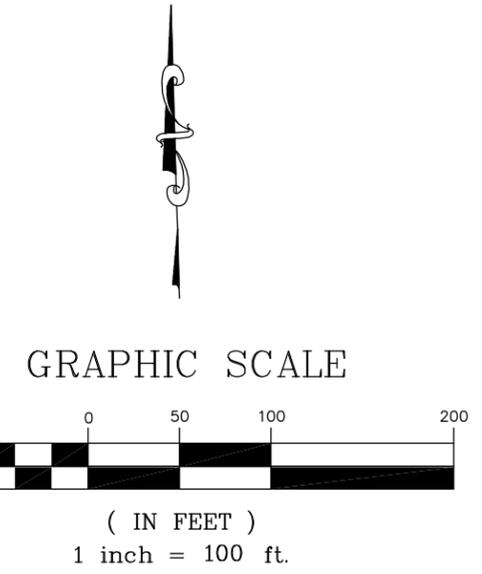
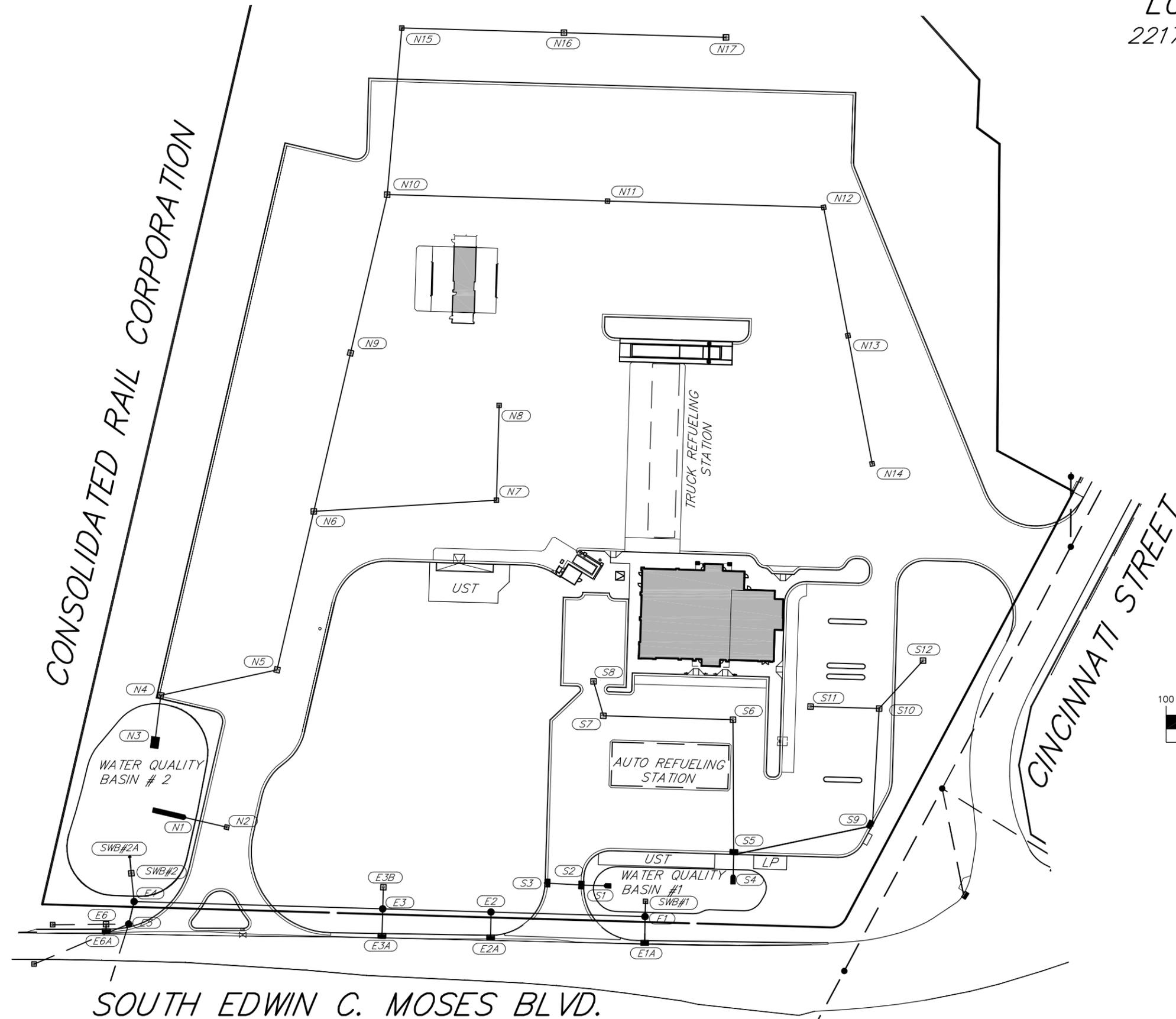
BMP Information: Loves Travel Stops and Country Stores Inc
10601 Pennsylvania Ave
Oklahoma City, OK 73120

Inspector : Jeff Grabo - PSARA TECHNOLOGIES INC., (513) 791-4418

Date of Inspection 5/1/2019

CB #	Trash Present	Standing Water	Oil/sheen Present	Sediment Present	Notes / Maintenance
S1	No	1/2"	No	Moderate	No Trash, Sediment Removed
S2	Yes	1/2"	No	Moderate	Trash and Sediment Removed
S3	Yes	None	No	Minor	Sediment Below Intake Level, Trash Removed
S4	No	1/4"	No	Moderate	No Trash, Sediment Removed
S5	Yes	1/4"	No	Moderate	Trash and Sediment Removed
S6	Yes	1/2"	No	Moderate	Trash and Sediment Removed
S7	Yes	1/2"	No	Moderate	Trash and Sediment Removed
S8	Yes	None	No	Minor	Sediment Below Intake Level, Trash Removed
S9	Yes	1"	No	Moderate	Trash and Sediment Removed
S10	Yes	1/2"	No	Moderate	Trash and Sediment Removed
S11	Yes	1/2"	No	Moderate	Trash and Sediment Removed
S12	Yes	None	No	Minor	Sediment Below Intake Level, Trash Removed
N14	No	None	No	Minor	No Trash, Sediment Below Intake Level
N13	No	None	No	Minor	No Trash, Sediment Below Intake Level
N12	Yes	None	No	Moderate	Trash and Sediment Removed
N11	Yes	1/2"	No	Moderate	Trash and Sediment Removed
N15	Yes	1/4"	No	Moderate	Trash and Sediment Removed
N16	Yes	1/4"	No	Moderate	Trash and Sediment Removed
N17	Yes	1/4"	No	Moderate	Trash and Sediment Removed
N10	Yes	1/4"	No	Moderate	Trash and Sediment Removed
N9	No	None	No	Minor	No Trash, Sediment Below Intake Level
N8	No	None	No	Minor	No Trash, Sediment Below Intake Level
N7	No	None	No	Minor	No Trash, Sediment Below Intake Level
N6	No	None	No	Minor	No Trash, Sediment Below Intake Level
N5	No	None	No	Minor	No Trash, Sediment Below Intake Level
N4	Yes	1/2"	No	Moderate	Trash and Sediment Removed
N3	Yes	1"	No	Moderate	Trash and Sediment Removed
N2	Yes	1/2"	No	Minor	Sediment Below Intake Level, Trash Removed
N1	Yes	1/4"	No	Minor	Sediment Below Intake Level, Trash Removed
Pond/ WQB	Trash	Oil/ sheen	Notes/Maintenance (vegetation, rip-rap, outlet/inlet structures, sedimentation, etc.)		
#1 (east)	yes	None	Removed Trash, pond level higher due to large amounts of rain.		
#2 (west)	yes	None	Removed trash from perimeter, weeds still in good condition, pond level higher due to rain.		

LOVE'S TRAVEL CENTER
 2217 SOUTH EDWIN C. MOSES BLVD.
 DAYTON, OHIO
 PHONE: _____



LOVE'S TRAVEL STOPS
CORPORATE OFFICE
 10601 NORTH PENNSYLVANIA
 OKLAHOMA CITY, OK 73120
 PHONE: 1-800-388-0983

**SCHAEFFER
ENGINEERING**

Item Description	Schedule	Work Needed	Date Performed
Inspect catch basins for debris. Remove & dispose of debris to keep it out of storm sewers and detention basin.	Quarterly	OK	
Inspect parking lot for debris and litter. Remove & dispose of debris to keep it out of catch basins.	Regularly	OK	
Evaluate detention system draining time to ensure that it drains within 48 hrs. If it does not, pump out & clean outlet structure.	After 1"+ rain events	OK	
Inspect outlet structure for debris. Remove & dispose of debris. Remove and clean filter fabric sock and inspect perforated pvc pipe.	Quarterly	OK	



Lyons Place II
City of Dayton, Montgomery County, Ohio
Post Construction Storm Water Management Manual

August 13, 2012

**SCHAEFFER
ENGINEERING**

Lyons Place II

Storm Water Management Facilities

Quarterly Report

Check All That Apply

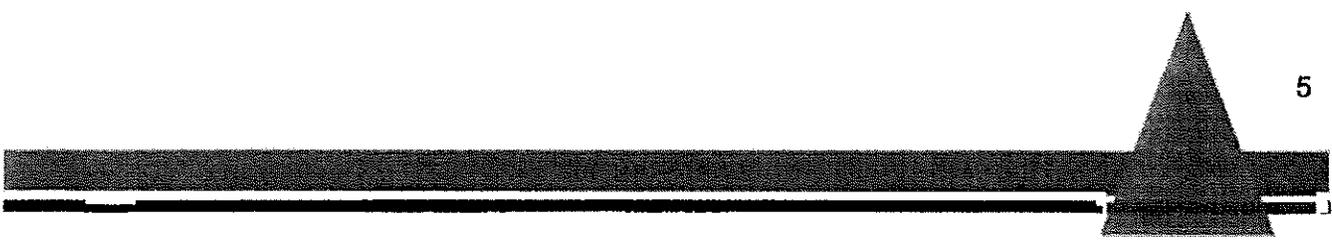
Date: JUNE 2018

- All maintenance has been accomplished for this quarter according to the Maintenance Manual and as per plans.
- Copy of the Storm Water Management Maintenance Checklist is attached.

Exceptions and Notes:

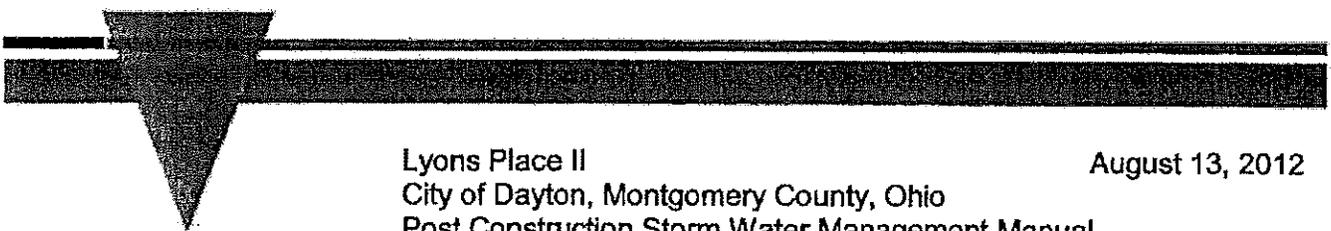
John C Haws 6-24-18
Signed Date

JOHN C HAWS
Print Name



**SCHAEFFER
 ENGINEERING**

Item Description	Schedule	Work Needed	Date Performed
Inspect catch basins for debris. Remove & dispose of debris to keep it out of storm sewers and detention basin.	Quarterly	OK	
Inspect parking lot for debris and litter. Remove & dispose of debris to keep it out of catch basins.	Regularly	OK	
Evaluate detention system draining time to ensure that it drains within 48 hrs. If it does not, pump out & clean outlet structure.	After 1"+ rain events	OK	
Inspect outlet structure for debris. Remove & dispose of debris. Remove and clean filter fabric sock and inspect perforated pvc pipe.	Quarterly	OK	



Lyons Place II
City of Dayton, Montgomery County, Ohio
Post Construction Storm Water Management Manual

August 13, 2012

**SCHAEFFER
ENGINEERING**

Lyons Place II

Storm Water Management Facilities

Quarterly Report

Check All That Apply

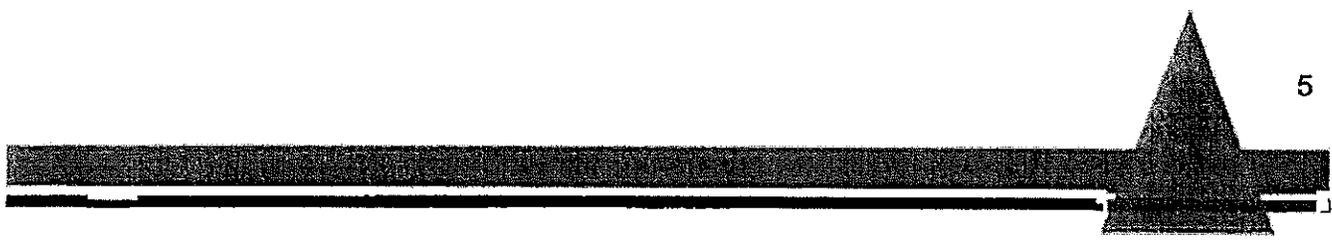
Date: Sept. 2018

- All maintenance has been accomplished for this quarter according to the Maintenance Manual and as per plans.
- Copy of the Storm Water Management Maintenance Checklist is attached.

Exceptions and Notes:

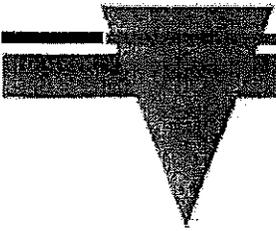
John C. Haws 9/28/18
Signed Date

JOHN HAWS
Print Name



**SCHAEFFER
ENGINEERING**

Item Description	Schedule	Work Needed	Date Performed
Inspect catch basins for debris. Remove & dispose of debris to keep it out of storm sewers and detention basin.	Quarterly	OK	
Inspect parking lot for debris and litter. Remove & dispose of debris to keep it out of catch basins.	Regularly	OK	
Evaluate detention system draining time to ensure that it drains within 48 hrs. If it does not, pump out & clean outlet structure.	After 1"+ rain events	OK	
Inspect outlet structure for debris. Remove & dispose of debris. Remove and clean filter fabric sock and inspect perforated pvc pipe.	Quarterly	OK	



Lyons Place II
City of Dayton, Montgomery County, Ohio
Post Construction Storm Water Management Manual

August 13, 2012

**SCHAEFFER
ENGINEERING**

Lyons Place II

**Storm Water Management Facilities
Quarterly Report**

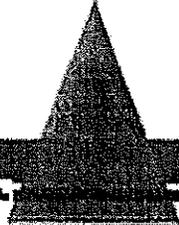
Check All That Apply

Date: DEC 2018

- All maintenance has been accomplished for this quarter according to the Maintenance Manual and as per plans.
- Copy of the Storm Water Management Maintenance Checklist is attached.

Exceptions and Notes:

John Haws 12-28-18
 Signed Date
JOHN HAWS
 Print Name



**SCHAEFFER
ENGINEERING**

Item Description	Schedule	Work Needed	Date Performed
Inspect catch basins for debris. Remove & dispose of debris to keep it out of storm sewers and detention basin.	Quarterly	OK	
Inspect parking lot for debris and litter. Remove & dispose of debris to keep it out of catch basins.	Regularly	OK	
Evaluate detention system draining time to ensure that it drains within 48 hrs. If it does not, pump out & clean outlet structure.	After 1"+ rain events	OK	
Inspect outlet structure for debris. Remove & dispose of debris. Remove and clean filter fabric sock and inspect perforated pvc pipe.	Quarterly	OK	



COMMERCIAL TRAP SERVICE AND MANIFEST

Manifest #: 2363560

Tracking #:

Route: 724
Dispatch #: 310724061418

GENERATOR INFORMATION

Generator Name: MCDONALD'S
Store#: 35809

Customer #: 163739

Address: 1517 N KEOWEE ST
DAYTON, OH 45404
937-223-5780



ETA: 04:26
TW1:
TW2:

Capacity of Trap/Interceptor: 1500 Trap Cycle: 12

Location of Trap/Interceptor: DRIVE THRU

Condition of Trap/Interceptor:

	Yes	Needs Repair	No		
Walls and bottom in good condition:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Grease:	_____ Est. Inches
Inlet and outlet pipes intact and operational:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Water:	_____ Est. Inches
Baffle in good condition:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Solids:	_____ Est. Inches
Cover secure, accessible and in good condition:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Amount of material removed:	_____ Est. Gallons
				FOG(Grease+solids)/(Grease+Water+Solids):	_____ %

Comments:

Generator Certification: I certify that the above information is true, accurate, and complete to the best of my knowledge and does not contain any hazardous materials.

Generator Name (Printed)

Generator Signature

Date

Time

HAULER INFORMATION

Company Name: Darling Ingredients Inc.

Phone: 859-472-7361

Company Address: 1176 Bryan Griffin Road, Butler, KY 41006

Permit No(s): FOG:HAU-3346

Hauler Certification: I hereby acknowledge receipt of above listed material and will transport and dispose of it in accordance with all applicable laws.

M Moore
Driver Name (Printed)

[Signature]
Driver Signature

6-14-18
Date

4:15 PM
Time

DISPOSAL INFORMATION

Location Name: Darling Ingredients Inc.

Phone: 859-472-7361

Address: 1176 Bryan Griffin Road, Butler, KY 41006

Permit No(s): FOG:HAU-3346

Amount of material removed: 500 Gallons

Disposal Certification: I certify that the above material was received and will be processed, disposed of, or recycled in accordance with applicable laws.

Contact Name (Printed)

Contact Signature

Date

Time



COMMERCIAL TRAP SERVICE AND MANIFEST

Manifest #: 2718527

Tracking #:

Route: 725
Dispatch #: 310725090718

GENERATOR INFORMATION

Generator Name: MCDONALD'S
Store#: 35809
Address: 1517 N KEOWEE ST
DAYTON, OH 45404
937-223-5780



Customer #: 163739

ETA: 05:03
TW1:
TW2:

Capacity of Trap/Interceptor: 1500 Trap Cycle: 12

Location of Trap/Interceptor: DRIVE THRU

Condition of Trap/Interceptor:

	Needs Repair			
	Yes	Repair	No	
Walls and bottom in good condition:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Grease: _____ Est. Inches
Inlet and outlet pipes intact and operational:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Water: _____ Est. Inches
Baffle in good condition:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Solids: _____ Est. Inches
Cover secure, accessible and in good condition:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Amount of material removed: _____ Est. Gallons
				FOG(Grease+solids)/(Grease+Water+Solids): _____ %

Comments:

Generator Certification: I certify that the above information is true, accurate, and complete to the best of my knowledge and does not contain any hazardous materials.

Generator Name (Printed) _____
Generator Signature _____
Date _____
Time

HAULER INFORMATION

Company Name: Darling Ingredients Inc. Phone: 859-472-7361
 Company Address: 1176 Bryan Griffin Road, Butler, KY 41006
 Permit No(s): FOG:HAU-3346

Hauler Certification: I hereby acknowledge receipt of above listed material and will transport and dispose of it in accordance with all applicable laws.

M. Moore [Signature] 9.7.18 3:27 AM
 Driver Name (Printed) Driver Signature Date Time

DISPOSAL INFORMATION

Location Name: Darling Ingredients Inc. Phone: 859-472-7361
 Address: 1176 Bryan Griffin Road, Butler, KY 41006
 Permit No(s): FOG:HAU-3346

Amount of material removed: 600 Gallons

Disposal Certification: I certify that the above material was received and will be processed, disposed of, or recycled in accordance with applicable laws.

Contact Name (Printed) _____
Contact Signature _____
Date _____
Time



COMMERCIAL TRAP SERVICE AND MANIFEST

Manifest #: 3123668
Tracking #:

Route: 724
Dispatch #: 310724112918

GENERATOR INFORMATION

Generator Name: MCDONALD'S
Store#: 35809

Address: 1517 N KEOWEE ST
DAYTON, OH 45404
937-223-5780



Customer #: 163739

ETA: 04:03
TW1:
TW2:

Capacity of Trap/Interceptor: 1500 Trap Cycle: 12

Location of Trap/Interceptor: DRIVE THRU

Condition of Trap/Interceptor:

	Needs Repair				Est. Inches
	Yes		No		
Walls and bottom in good condition:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Grease:	_____
Inlet and outlet pipes intact and operational:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Water:	_____
Baffle in good condition:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Solids:	_____
Cover secure, accessible and in good condition:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Amount of material removed:	_____
				FOG(Grease+solids)/(Grease+Water+Solids):	_____ %

Comments:

Generator Certification: I certify that the above information is true, accurate, and complete to the best of my knowledge and does not contain any hazardous materials.

Generator Name (Printed) Generator Signature Date Time

HAULER INFORMATION

Company Name: Darling Ingredients Inc. Phone: 859-472-7361

Company Address: 1176 Bryan Griffin Road, Butler, KY 41006

Permit No(s): FOG:HAU-3346

Hauler Certification: I hereby acknowledge receipt of above listed material and will transport and dispose of it in accordance with all applicable laws.

M. Moore [Signature] 11.30.18 2:56 AM
Driver Name (Printed) Driver Signature Date Time

DISPOSAL INFORMATION

Location Name: Darling Ingredients Inc. Phone: 859-472-7361

Address: 1176 Bryan Griffin Road, Butler, KY 41006

Permit No(s): FOG:HAU-3346

Amount of material removed: 500 Gallons

Disposal Certification: I certify that the above material was received and will be processed, disposed of, or recycled in accordance with applicable laws.

Contact Name (Printed) Contact Signature Date Time



COMMERCIAL TRAP SERVICE AND MANIFEST

Manifest #: 3986288

Tracking #:

Route: 725
Dispatch #: 310725030819

GENERATOR INFORMATION

Generator Name: MCDONALD'S
Store #: 35809

Address: 1517 N KEOWEE ST
DAYTON, OH 45404
937-223-5780



Customer #: 163739

ETA: 05:10
TW1:
TW2:

Capacity of Trap/Interceptor: 1500 Trap Cycle: 12

Location of Trap/Interceptor: DRIVE THRU

Condition of Trap/Interceptor:

	Needs Repair				
	Yes	Repair	No		
Walls and bottom in good condition:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Grease:	_____ Est. Inches
Inlet and outlet pipes intact and operational:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Water:	_____ Est. Inches
Baffle in good condition:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Solids:	_____ Est. Inches
Cover secure, accessible and in good condition:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Amount of material removed:	_____ Est. Gallons
				FOG(Grease+solids)/(Grease+Water+Solids):	_____ %

Comments:

Generator Certification: I certify that the above information is true, accurate, and complete to the best of my knowledge and does not contain any hazardous materials.

Generator Name (Printed) Generator Signature Date Time

HAULER INFORMATION

Company Name: Darling Ingredients Inc. Phone: 859-472-7361

Company Address: 1176 Bryan Griffin Road, Butler, KY 41006

Permit No(s): FOG:HAU-3346

Hauler Certification: I hereby acknowledge receipt of above listed material and will transport and dispose of it in accordance with all applicable laws.

M. Moore [Signature] 3-8-19 3:53 PM
Driver Name (Printed) Driver Signature Date Time

DISPOSAL INFORMATION

Location Name: Darling Ingredients Inc. Phone: 859-472-7361

Address: 1176 Bryan Griffin Road, Butler, KY 41006

Permit No(s): FOG:HAU-3346

Amount of material removed: 500 Gallons

Disposal Certification: I certify that the above material was received and will be processed, disposed of, or recycled in accordance with applicable laws.

Contact Name (Printed) Contact Signature Date Time



DARLING INGREDIENTS INC.
 5601 N MacArthur Blvd
 Irving, TX 75038
 859-472-7361

Invoice		
Invoice Number	Date	Page
10482113	06/22/2019	1 / 1
Bill To Cust No.	Terms	Billing Period
163420	Due Upon Receipt	06/16-06/22

BILL TO MCDONALD'S
 PO BOX 13270
 DAYTON OH 45413

Cust. No.	Store No.	Customer	PO No.	Description	Svc Date	Ticket No.	Quantity	UOM	Unit Price	Extended Amount
163739	35809	MCDONALD'S 1517 N KEOWEE ST DAYTON, OH 45404		Trap#1 SERVICE FEE TRAP EXT	06/19/19	4792396	1.00	EA	285.00000	285.00

Invoice Total: 285.00
 Applied Payments: 0.00
 Net Amount Due: USD 285.00

*Outlet
 # 3249-K*

-----PLEASE DETACH AND SEND THIS COUPON WITH YOUR PAYMENT-----
 SEE REVERSE SIDE FOR CREDIT PAYMENT INFORMATION



PAY YOUR INVOICE ONLINE AT:
<https://paymydarlingbill.com>



REMITTANCE ADVICE
 PLEASE RETURN
 WITH YOUR PAYMENT

ACCOUNT NUMBER	INVOICE DATE	INVOICE NUMBER	AMOUNT DUE
163420	06/22/2019	10482113	USD 285.00

REMIT TO: DARLING INGREDIENTS INC.
 PO BOX 554885
 DETROIT MI 48255-4885

BILL TO: MCDONALD'S
 PO BOX 13270
 DAYTON OH 45413

013105548850016342000001048211300000000285008



COMMERCIAL TRAP SERVICE AND MANIFEST

Manifest #: 4792396

Tracking #:

Route: 723
Dispatch #: 310723061919

GENERATOR INFORMATION

Generator Name: MCDONALD'S
Store#: 35809
Address: 1517 N KEOWEE ST
DAYTON, OH 45404
937-223-5780



Customer #: 163739
Trap#: 1
ETA: 05:42
TW1:
TW2:

Capacity of Trap/Interceptor: 1500 Trap Cycle: 12

Location of Trap/Interceptor: DRIVE-THRU
One Time Note: None

	Needs Repair				
	Yes	Repair	No		
Walls and bottom in good condition:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Grease:	_____ Est. Inches
Inlet and outlet pipes intact and operational:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Water:	_____ Est. Inches
Baffle in good condition:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Solids:	_____ Est. Inches
Cover secure, accessible and in good condition:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Amount of material removed:	_____ Est. Gallons
				FOG(Grease+solids)/(Grease+Water+Solids):	_____ %

Comments:
Generator Certification: I certify that the above information is true, accurate, and complete to the best of my knowledge and does not contain any hazardous materials.
Generator Name (Printed) _____ Generator Signature _____ Date _____ Time _____

HAULER INFORMATION

Company Name: Darling Ingredients Inc. Phone: 859-472-7361
Company Address: 1176 Bryan Griffin Road, Butler, KY 41006
Permit No(s): FOG:HAU-3346

Hauler Certification: I hereby acknowledge receipt of above listed material and will transport and dispose of it in accordance with all applicable laws.
Driver Name (Printed) _____ Driver Signature _____ Date 6-19-19 Time 4:28 AM

DISPOSAL INFORMATION

Location Name: Darling Ingredients Inc. Phone: 859-472-7361
Address: 1176 Bryan Griffin Road, Butler, KY 41006
Permit No(s): FOG:HAU-3346
Amount of material removed: 500 Gallons

Disposal Certification: I certify that the above material was received and will be processed, disposed of, or recycled in accordance with applicable laws.
Contact Name (Printed) _____ Contact Signature _____ Date _____ Time _____



COMMERCIAL TRAP SERVICE AND MANIFEST

Manifest #: 3986288

Tracking #:

Route: 725
Dispatch #: 310725030819

GENERATOR INFORMATION

Generator Name: MCDONALD'S
Store#: 35809

Address: 1517 N KEOWEE ST
DAYTON, OH 45404
937-223-5780



Customer #: 163739

ETA: 05:10
TW1:
TW2:

Capacity of Trap/Interceptor: 1500 Trap Cycle: 12

Location of Trap/Interceptor: DRIVE THRU

Condition of Trap/Interceptor:

	Needs Repair				
	Yes		No		
Walls and bottom in good condition:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Grease:	_____ Est. Inches
Inlet and outlet pipes intact and operational:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Water:	_____ Est. Inches
Baffle in good condition:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth of Solids:	_____ Est. Inches
Cover secure, accessible and in good condition:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Amount of material removed:	_____ Est. Gallons
				FOG(Grease+solids)/(Grease+Water+Solids):	_____ %

Comments:

Generator Certification: I certify that the above information is true, accurate, and complete to the best of my knowledge and does not contain any hazardous materials.

Generator Name (Printed) _____
Generator Signature _____
Date _____
Time

HAULER INFORMATION

Company Name: Darling Ingredients Inc. Phone: 859-472-7361

Company Address: 1176 Bryan Griffin Road, Butler, KY 41006

Permit No(s): FOG:HAU-3346

Hauler Certification: I hereby acknowledge receipt of above listed material and will transport and dispose of it in accordance with all applicable laws.

Driver Name (Printed) _____
Driver Signature _____
Date: 3-8-19 Time: 3:53 AM

DISPOSAL INFORMATION

Location Name: Darling Ingredients Inc. Phone: 859-472-7361

Address: 1176 Bryan Griffin Road, Butler, KY 41006

Permit No(s): FOG:HAU-3346

Amount of material removed: 500 Gallons

Disposal Certification: I certify that the above material was received and will be processed, disposed of, or recycled in accordance with applicable laws.

Contact Name (Printed) _____
Contact Signature _____
Date _____
Time

Synthetic Turf Field Inspection Checklist

Owner: *Oakwood City Schools*

Inspector: *Greg Goetz*

Date/Time:

Comments:

Synthetic Turf Field	
Maintenance Item	Required Action
1. Groom or Brush Field	Pull behind brushing unit across the field in a parallel direction with the tufted rows. Brushing will occur from sideline to sideline every 2-4 weeks.
2. Debris Removal	Remove any leaves, paper, litter, etc. by blowing debris off the field or using a ground-driven lawn sweeper.
3. Organic Stains & Fluids Removal	Remove stains and fluids with a neutral based commercial detergent.

Inspection and Maintenance Log

Date	Maintenance Performed	Maintenance Personnel	Comments
	Field Grooming	Greg Goetz	
11/17	none	↓	
12/17	none		
1/18	none		
2/18	NONE		
3/18/18	Groom		
3/28/18	Groom		
4/11/18	Groom		
4/30/18	Groom		
5/16/18	Groom		
5/31/18	Groom		
6/13/18	Groom		
6/30/18	Groom		
7/13/18	Groom		
7/31/18	Groom		
8-22-18	Deep Glean		Motz Group
9-17-18	Groom		
10/10/18	Groom		
11-18	NONE		
12-18	NONE		
1-19	NONE		
2-19	NONE		

Stormwater Management Maintenance

Checklist

1. Check for embankment erosion on side slopes. Fill erosion areas and seed.
2. Check and remove any trash buildup at outlet and bottom of bioretention.
3. Check for any bare soil areas and seed accordingly.
4. Water and fertilize plantings. Remove and replace any plantings that have died.
5. Weed and remove any evasive plants.

1. Complete none needed
2. Complete
3. Complete no seeding needed
4. Complete
5. Complete, this is done at every service



July 1, 2019

Emad Toufils, P.E.
320 West Monument Ave.
Dayton OH 45402

SUBJECT: UD Student Housing BMP Maintenance

Dear Mr. Toufils:

Please find attached the verification of performed maintenance on the University of Dayton's student housing BMP.

Please let me know if you have any questions.

Sincerely,

RICHARD S. KRYSIAK, Jr., P.E., LEED Green Associate
Vice President for Facilities Management and Planning
University of Dayton

1 Atch

Bio-Retention Basin Operation and Maintenance Inspection Checklist

Maintenance Item	Required Action
1. Prune & Weed	Cut back plant material & remove any cuttings, leaves and weeds
2. Mulch	Renew mulch to replace that which has broken down into organic matter
3. Remove Trash & Debris	Remove any trash and debris from the area
4. Inspect Vegetation & Replace as needed	Inspect and evaluate the plant health & replant as appropriate
5. Inspect Inflow points	Inspect inflow points for clogging and remove any sediment
6. Inspect & Remove any Sediment build-up	Check & remove any surface build-up of road sand/salt
7. Mow up to Bedline	Mow turf around the Bio-Retention Basin & remove any grass clippings

Maint. No.

Comments

<u>1</u>	Trimmed plant material and removed weeds.
<u>2</u>	Added fresh mulch.
<u>3</u>	Removed all trash and debris.
<u>4</u>	Vegetation was inspected and in good condition.
<u>5</u>	No clogging at the inflow points. Cleared a little bit of mulch.
<u>6</u>	No sediment build-up at this time.
<u>7</u>	Turf is currently being mowed weekly.

Signature: Brian A. Gutter

Date: 7-1-19



April 1, 2019

Emad Toufils, P.E.
320 West Monument Ave.
Dayton OH 45402

SUBJECT: UD Student Housing BMP Maintenance

Dear Mr. Toufils:

Please find attached the verification of performed maintenance on the University of Dayton's student housing BMP.

Please let me know if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Krysiak, Jr." with a stylized flourish at the end.

RICHARD S. KRYSIAK, Jr., P.E., LEED Green Associate
Vice President for Facilities Management and Planning
University of Dayton

1 Atch

Bio-Retention Basin Operation and Maintenance Inspection Checklist

Maintenance Item	Required Action
1. Prune & Weed	Cut back plant material & remove any cuttings, leaves and weeds
2. Mulch	Renew mulch to replace that which has broken down into organic matter
3. Remove Trash & Debris	Remove any trash and debris from the area
4. Inspect Vegetation & Replace as needed	Inspect and evaluate the plant health & replant as appropriate
5. Inspect Inflow points	Inspect inflow points for clogging and remove any sediment
6. Inspect & Remove any Sediment build-up	Check & remove any surface build-up of road sand/salt
7. Mow up to Bedline	Mow turf around the Bio-Retention Basin & remove any grass clippings

Maint. No.

Comments

<u>1</u>	We continue to pull weeds and remove leaves as needed.
<u>2</u>	No mulch has been added to the site at this time.
<u>3</u>	Area is checked daily for trash + debris.
<u>4</u>	All vegetation remains in good condition.
<u>5</u>	Inspected all inflow points and removed some sediment.
<u>6</u>	Checked site for surface build-up and removed a little bit of sediment.
<u>7</u>	Turf is currently dormant.

Signature: Bin A. Gatta

Date: 3-29-19



January 7, 2019

Emad Toufils, P.E.
320 West Monument Ave.
Dayton OH 45402

SUBJECT: UD Student Housing BMP Maintenance

Dear Mr. Toufils:

Please find attached the verification of performed maintenance on the University of Dayton's student housing BMP.

Please let me know if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Krysiak, Jr.".

RICHARD S. KRYSIAK, Jr., P.E., LEED Green Associate
Vice President for Facilities Management and Planning
University of Dayton

1 Atch

Bio-Retention Basin Operation and Maintenance Inspection Checklist

Maintenance Item	Required Action
1. Prune & Weed	Cut back plant material & remove any cuttings, leaves and weeds
2. Mulch	Renew mulch to replace that which has broken down into organic matter
3. Remove Trash & Debris	Remove any trash and debris from the area
4. Inspect Vegetation & Replace as needed	Inspect and evaluate the plant health & replant as appropriate
5. Inspect Inflow points	Inspect inflow points for clogging and remove any sediment
6. Inspect & Remove any Sediment build-up	Check & remove any surface build-up of road sand/salt
7. Mow up to Bedline	Mow turf around the Bio-Retention Basin & remove any grass clippings

Maint. No.

Comments

1 Pruned plant material and removed leaves.

2 No new mulch was needed at this time.

3 Trash and debris have been removed daily.

4 All vegetation was inspected and in good condition.

5 Inspected inflow points and removed a little bit of debris.

6 Inspected for sediment build-up, but none at this time.

7. Turf is currently dormant.

Signature: Brian A. Galt

Date: 12-21-18



Commercial/Industrial Divisions

1999 Longwood Avenue, Grove City, Ohio 43123
(614) 876-0999
thewaterworks.com

Emad Toufils
City of Dayton Water Department
320. W. Monument Ave.
Dayton OH 45402

February 25, 2018

Dear Emad Toufils,

Please find attached the maintenance log and the inspection checklist from the storm water quality unit that we serviced at 470 River Corridor Drive.

Sincerely,

A handwritten signature in blue ink that reads 'Ray McDonald'.

Ray McDonald
Industrial Supervisor/ Estimator
614-989-3761
rmcdonald@thewaterworks.com

Emad Toufils, P.E.

Engineer

Department of Water

Water Engineering | City of Dayton

320 W. Monument Ave. | Dayton, Ohio 45402

Office 937.333.2890 | Fax 937.333.6768 | www.daytonohio.gov

[Web](#) | [Twitter](#) | [Facebook](#) | [YouTube](#) | [Nixle](#) | [E-mail Newsletters](#)

Operation & Maintenance Owner's Agreement

This plan has been prepared to comply with the requirements set forth in the City of Dayton's Stormwater Ordinance (Ordinance #30811-08). I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I agree that I will maintain the post-construction water quality measures outlined within the following manual, and submit a quarterly maintenance report to the City of Dayton, Department of Water. Any changes to the post-construction water quality measures must be submitted to the Department of Water for approval, and a revised Operations and Maintenance manual must be submitted.

Owner's Name (Printed)

Title

Signature

Date

Address

Phone Number

email

Waterworks - Ray McDonald
Maintenance Contact

2-25-19

1999 Longwood Ave Col's Oh
Address

614 989.3761
Phone Number

rmcdonald@the.waterworks.com
email

**Sample Stormwater System
Inspection Checklist**

Owner: Water Street Redevelopment
 Inspector: Ray McDonald
 Date/Time: Feb. 25, 2019 1100

General Conditions	
Maintenance Item	Required Action
✓ Encroachment into Stormwater System	Check area for unpermitted construction that affects system, contact owner to remedy situation.
✓ Complaints from residents	Review and investigate complaints, take necessary actions, respond to resident.
✓ Public Hazards (describe below)	Identify any public hazards in and around the stormwater system, notify county engineer.
✓ Street Cleanliness	Determine date of last street cleaning, schedule cleaning if necessary
✓ Condition of Vegetation	Check for damaged or dying plantings, check length of grass, schedule remedial actions if necessary

Specific Comments:

Str No:	Comments
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Appendix B

Sample Stormwater System
Inspection Checklist

Owner: DAYTON PUBLIC SCHOOLS
Inspector: BARRY THOMPSON
Date/Time: 4/16/19

General Conditions

Maintenance Item Required Action

Encroachment into Stormwater System Check area for unpermitted construction that affects

Complaints from residents NONE
system, contact owner to remedy situation. Review and investigate complaints, take necessary REPORTED actions, respond to resident.

Public Hazards (describe below) *STORMWATER
Identify any public hazards in and around the ALONG stormwater system, notify county engineer. BACKBOGE

Street Cleanliness Determine date of last street cleaning, schedule LINKNOWN cleaning if necessary

Condition of Vegetation Check for damaged or dying plantings, check length of grass, schedule remedial actions if necessary

Specific Comments:
Str No: Comments

*STORMWATER PIPING LOCATED WEST OF THE UPPER LOT THAT RUNS NORTH AND SOUTH APPEARS TO HAVE BLOCKAGE. -- CITY WATER DEPT. WOULD TO PROVIDE CAMERA TO DETERMINE AREAS OF BLOCKAGE

Blank lines for additional comments.

WILBUR WRIGHT MAINTANCE

Sample Inspection and Maintenance Log

Location: 1361 HUFFERMAN AVE, 45403

Date

Water Depth to Sediment

Floatable Layer

Maintenance Performed

Maintenance Personnel

Comments

1. The water depth to sediment is determined by taking two measurements with a stadia rod:
One measurement from the catch basin opening to the top of the sediment pile and the other from the catch basin opening to the water surface. When the difference between the two measurements is fifteen inches (15") or less, the catch basin should be cleaned out.

2. The catch basin should be cleaned out when a floating hydrocarbon layer is present. In the event of a spill, the catch basin should be cleaned immediately.

Appendix C

Inspection and Maintenance Log

(From Appendix A, page A177)

Sample Inspection and Maintenance Log

Operation & Maintenance Owner's Agreement

This plan has been prepared to comply with the requirements set forth in the City of Dayton's Stormwater Ordinance (Ordinance #30811-08). I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I agree that I will maintain the post-construction water quality measures outlined within the following manual, and submit a quarterly maintenance report to the City of Dayton, Department of Water. Any changes to the post-construction water quality measures must be submitted to the Department of Water for approval, and a revised Operations and Maintenance manual must be submitted.

DARRYL HEIT
Owner's Name (Printed)

Assoc. Director
Title

Darryl Heit
Signature

4-10-19
Date

428 N. JAMES H. MCGEE
Address

937-542-3704
Phone Number

daholt@daytonpublic.com
email

BARRY THOMPSON
Maintenance Contact

4280 N. JAMES H. MCGEE
Address

937-432-7622
Phone Number

bathoms@daytonpublic.com
email

Att: Emad Toufils

Inspection Checklist

Underground Storage:

Isolator Row:

- Visually inspect each of 3 inspection port locations checking for sediment accumulation.
- Measure depth of sediment. If greater than 3" then remove sediment with jet/vac truck.
- Replace or repair any missing or damaged grates caps or lids.

Inlet Catch Basins:

- Visually inspect each of the inlets that are part of or connected to the system
- Remove Sediment or Debris if present.
- Is petroleum ^{NO} present? Determine source, capture and dispose of properly.
- Check condition of concrete structure and surrounding asphalt.

HDPE Storm Pipe:

- Visually inspect outlet end and inlet end of pipes. Is sediment present? ^{NO}
- For Smooth interior pipes: Is sediment present?
- For corrugated interior pipes: Are the corrugations visible? ^{yes}
- Remove Sediment or Debris if present.

3-20-19