

October 18, 2013

*James*  
Mr. Michael Rubertino  
President of the Wynstone Village Homeowners Association  
658 Arden Street  
Lewis Center, OH 43085-8442

Re: Inspection of a water quality (WQ) dry detention basin, Wynstone Village on  
Sanville Drive, Columbus, Ohio.  
D-4429

Dear Mr. Rubertino:

On October 2, 2013 staff from the Stormwater and Regulatory Management Section conducted an inspection of the dry detention WQ basin structure EW #1 at the referenced site. The best management practice (BMP) was found to be in good condition with minor work needed.

Need to monitor new grass and straw blankets.

The enclosed Operation and Maintenance Inspection Form lists inspection/maintenance items and inspection frequencies required to fulfill the City's reporting requirements. Please forward one copy of the completed monthly stormwater BMP inspection forms for the referenced BMP by December 31<sup>st</sup> of each calendar year. Please note that the forms must be completely filled out and signed by the person inspecting the BMPs. Please send forms to the City of Columbus at the address below:

Renee VanSickle, P.E.  
Stormwater and Regulatory Management Section  
1250 Fairwood Avenue  
Columbus, OH 43206-3372

Please contact me at (614) 645-5642 with any questions regarding these requirements. Please contact Scott Shields at (614) 645-8891 and he will meet you at the site and he can walk you through the inspection process.

Sincerely,

*Renee VanSickle*

Renee VanSickle, P.E.  
Stormwater and Regulatory Management Section  
Division of Sewerage and Drainage



pc: File

# Operation and Maintenance Inspection Report for Stormwater Basins and Wetlands (\*)

**Project Location** (including SP coordinates)

Inspector Name DALE LANDIS  
LANDIS CONSTRUCTION  
Inspection Date/Time Dec 5, 2013

Stormwater Pond

Normal Pool \_\_\_\_\_

Normal Dry X

Owner or Contact Name

JAMES RUBENTINO

Watershed \_\_\_\_\_

Inspection Items	Checked? Yes/No	Maintenance Needed? Yes/No	Inspection Frequency	Comments
<b>Pond Components</b>				
1. Embankment and Emergency Spillway				
a. Adequate vegetation and ground cover	Y	N	A	
b. Embankment erosion	Y	N	SA	
c. Animal burrows	Y	N	A	
d. Unauthorized plantings	Y	N	A	
e. Cracking, bulging, or sliding of embankment	Y	N	A	
i. Emergency spillway	Y	N	A	
f. Leaks on downstream embankment	Y	N	A	
g. Abutment protection or riprap failures	Y	N	A	
h. Visual settlement or horizontal misalignment of top of embankment	Y	N		
i. Other (specify)			A	
2. Riser, principal spillway and control structure (catch basin, manhole, riser pipe, etc.) #1				
Type:				
Reinforced concrete <u>✓</u>				
Corrugated pipe _____				
Masonry _____ Plastic <u>✓</u>				
Other _____ Describe _____				
a. Orifice(s) obstructed	Y	N	A	
b. Trash rack(s)				
i. Debris removal necessary	-	-	A	
ii. Corrosion control	-	-	A	
c. Sediment accumulation inside riser or control structure	Y	N	A	

Inspection Items	Checked? Yes/No	Maintenance Needed? Yes/No	Inspection Frequency	Comments
d. Concrete/Masonry condition riser			A	
i. Cracks or displacement	Y	N	A	
ii. Minor spalling (<1")	Y	N	A	
iii. Major spalling (rebars exposed)	Y	N	A	
iv. Joint failures	Y	N	A	
v. Water tightness	Y	N	A	
e. Metal pipe condition (corroded)	N/A	N/A	A	
f. Control valve			A	
i. Operational/exercised			A	
ii. Chained and locked				
g. Pond drain valve			A	
i. Operational/exercised			A	
ii. Chained and locked			A	
h. Outfall channels flowing			A	
i. Other (specify)			A	
3. Permanent pool (wet ponds)				
a. Floating or floatable debris removal required	N/A	N/A	M	
b. Visible pollution			M	
c. Shoreline problems			M	
d. Sediment accumulation			M	
e. Other (specify)			M	
4. Sediment forebays				
a. Sedimentation noted	N/A	N/A	M	
b. Sediment removal when depth of sediment > 20% of plan depth	Y	Y	M	
5. Dry pond areas				
a. Vegetation adequate	Y	N	M	
b. Undesirable woody vegetation	Y	N		
c. Low flow channels clear of obstructions	Y	N	M	
d. Standing water or wet spots	Y	N	M, S	
e. Sediment and/or trash accumulation	Y	Y	M	
f. Other (specify)			M	
6. Condition of outfalls into and out of pond				
a. Riprap failures	Y	N	A, S	
b. Slope erosion	Y	N	A, S	
c. Storm drain pipes	Y	N	A, S	
d. Endwalls/headwalls	Y	N	A, S	
e. Other (specify)			A, S	
7. Other				
a. Encroachments on ponds or easement area	Y	N	M	
b. Complaints from residents (describe on back)	N	N	M	

CLEANED & BAGGED  
LEAVES, PLASTIC  
BOTTLES & MINOR DEBRIS

Inspection Items	Checked? Yes/No	Maintenance Needed? Yes/No	Inspection Frequency	Comments
c. Aesthetics				
i. Grass height	2	2	M	
ii. Graffiti removal necessary	1	2	M	
iii. Other (specify)	1	1	M	
d. Any public hazards (specify)	2	2	M	
e. Maintenance access	2	2	M	
f. Monitor mosquito larvae presence (seasonal)	1	1	M	
8. Constructed wetland areas				
a. Vegetation healthy and growing (50% surface area coverage)	N/A	N/A	M	
b. Evidence of invasive species	S	S	M	
c. Excessive sedimentation in wetland area	S	S	M	

**Inspection Frequency Key:** A = Annual, SA = Semi-Annual, M = Monthly, S = After Major Storm (\*)

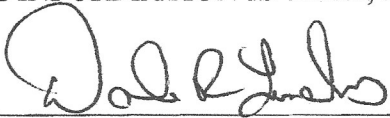
Adapted from: Georgia Stormwater Management Manual – Adapted from Watershed Management Institute, Inc. (1997)

## SUMMARY

- Inspector's remarks: BASIN IN GOOD CONDITION STILL  
MONITOR NEW GRASS & STAW BLANKETS MAINLY  
IN SPRING WHEN GROWING SEASON STARTS  
I HAVE CHECKED AFTER 2" PLUS RAINS AND  
BASIN IS WORKING AND DRAINING AS DESIGNED
- Dates any maintenance must be completed by: \_\_\_\_\_

## CERTIFICATION STATEMENT

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION ON THIS FORM AND BELIEVE THE INFORMATION IS TRUE, ACCURATE AND COMPLETE.

  
Authorized Representative Signature

LAND IS CONSTRUCTION  
MAINTENANCE CONTRACTOR  
Title

12-31-2013  
Date

# Operation and Maintenance Inspection Report for Stormwater Basins and Wetlands <sup>(\*)</sup>

**Project Location** (including SP coordinates)

Inspector Name Scott Shields

D4429 Wynstone  
Village

Inspection Date/Time 10-2-2013

Stormwater Pond

Owner or Contact Name \_\_\_\_\_

Normal Pool \_\_\_\_\_

Normal Dry X

Watershed \_\_\_\_\_

Inspection Items	Checked? Yes/No	Maintenance Needed? Yes/No	Inspection Frequency	Comments
<b>Pond Components</b>				
1. Embankment and Emergency Spillway				<i>Please do not plant any more trees in spillway.</i>
a. Adequate vegetation and ground cover	Yes	NO	A	
b. Embankment erosion	Yes	NO	SA	
c. Animal burrows	Yes	NO	A	
d. Unauthorized plantings	Yes	NO	A	
e. Cracking, bulging, or sliding of embankment	Yes	NO	A	
i. Emergency spillway	Yes	NO	A	
f. Leaks on downstream embankment	Yes	NO	A	
g. Abutment protection or riprap failures	Yes	NO	A	
h. Visual settlement or horizontal misalignment of top of embankment	Yes	NO		
i. Other (specify)			A	
2. Riser, principal spillway and control structure (catch basin, manhole, riser pipe, etc.) <u>#1</u>				
Type: Reinforced concrete <input checked="" type="checkbox"/> Corrugated pipe _____ Masonry _____ Plastic <input checked="" type="checkbox"/> Other _____ Describe _____				
a. Orifice(s) obstructed	Yes	NO	A	
b. Trash rack(s)	—	—	A	
i. Debris removal necessary	—	—	A	
ii. Corrosion control	—	—	A	
c. Sediment accumulation inside riser or control structure	Yes	NO	A	

Inspection Items	Checked? Yes/No	Maintenance Needed? Yes/No	Inspection Frequency	Comments
c. Aesthetics				
i. Grass height	Yes	NO	M	
ii. Graffiti removal necessary	Yes	NO	M	
iii. Other (specify)	—	—	M	
d. Any public hazards (specify)	Yes	NO	M	
e. Maintenance access	Yes	NO	M	
f. Monitor mosquito larvae presence (seasonal)	—	—	M	
8. Constructed wetland areas				
a. Vegetation healthy and growing (50% surface area coverage)	N/A	N/A	M	
b. Evidence of invasive species	S	S	M	
c. Excessive sedimentation in wetland area	S	S	M	

**Inspection Frequency Key:** A = Annual, SA = Semi-Annual, M = Monthly, S = After Major Storm (\*)

Adapted from: Georgia Stormwater Management Manual – Adapted from Watershed Management Institute, Inc. (1997)

## SUMMARY

1. Inspector's remarks: The maint work performed on the  
basin turn out well. Just monitor the  
new grass and straw blankets.

2. Dates any maintenance must be completed by: \_\_\_\_\_

## CERTIFICATION STATEMENT

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION ON THIS FORM AND BELIEVE THE INFORMATION IS TRUE, ACCURATE AND COMPLETE.

[Signature]  
 Authorized Representative Signature

[Signature]  
 Title

10-2-2013  
 Date