

Images

BF-7 Inspection, 10/30/2019



BF-7 Inspection, 10/30/2019



BF-7 Inspection, 10/30/2019



BF-7 Inspection, 10/30/2019



Pond Information							
Pond ID:	BF-8	Pond Type:	Biofiltration Device				
Location:	Bradley Road Median						
Subdivision:		Watershed:	MI-29				
Capacity:		Acres:					
Overflow Elev:		100 Year Elev:					
Year Constructed:		Date Input:					
Water Quality:		Private:					
Inspection Details							
Inspector Name(s):	Mark Bruns						
Inspection Date:	10/30/2019	Start Time:	1535	End Time:	1550		
Weather Condition:	43 Degrees, Cloudy			Last Rainfall Date:	10/27/2019		
Issue	Checked			Maintenance Needed			Comments
	Y	N	N/A	Y	N	N/A	
Dry Pond							
1. Standing water or wet spots?	N/A			N/A			
2. Sediment or trash accumulation?	N/A			N/A			
3. Low flow channels unobstructed?	N/A			N/A			
4. Other?	N/A			N/A			
Wet Pond							
1. Removal of floating debris required?	N/A			N/A			
2. Visible oil/chemical presence?	N/A			N/A			
3. Evidence of wave action?	N/A			N/A			
4. Safety shelf erosion or failure?	N/A			N/A			
5. Other?	N/A			N/A			
Infiltration Basin							
1. Standing water or wet spots?	N/A			N/A			
2. Sediment or trash accumulation?	N/A			N/A			
3. Under drain functioning?	N/A			N/A			
4. Other?	N/A			N/A			

Issue	Checked			Maintenance Needed			Comments
	Y	N	N/A	Y	N	N/A	
Vegetation							
1. Adequate vegetation cover?	Y			Y			Thin vegetation at the east curb cut-outs.
2. Appropriate vegetation?	Y			Y			Thistles and weeds are present.
3. Presence of invasive or undesirable vegetation/woody growth?	Y			Y			Thistles and weeds are present.
4. Excessive nuisance aquatic vegetation present?	Y			N			
5. Other?			N/A			N/A	
Sediment Forebays							
1. Is sediment accumulation >50%? If yes, maintenance is needed immediately.			N/A			N/A	
2. Evidence of excessive velocity/scour?			N/A			N/A	
3. Maintenance access clear of obstructions?			N/A			N/A	
4. Other?			N/A			N/A	
Embankment & Emergency Spillway							
1. Is the spillway level?			N/A			N/A	
2. Adequate Freeboard? (min 1' from top of bank to highest outlet)			N/A			N/A	
3. Embankment erosion evident?	Y			N			
4. Cracking, bulging or sliding of embankment?	Y			N			
5. Evidence of animal burrows?	Y			N			
6. Seepage evident on exterior face of embankment?			N/A			N/A	
7. Vertical & horizontal alignment of top of dam as per plans?			N/A			N/A	
8. Emergency spillway clear of obstructions & debris?			N/A			N/A	
9. Maintenance access clear of obstruction?	Y			N			
10. Other?	Y			Y			Sediment accumulation on the rip-rap at the curb inlets.

Issue	Checked			Maintenance Needed			Comments
	Y	N	N/A	Y	N	N/A	
Riser & Outfall Spillway							
1. Low flow orifice obstructed?			N/A			N/A	
2. Low flow trash rack debris/corrosion?			N/A			N/A	
3. Weir trash rack debris/corrosion?			N/A			N/A	
4. Excessive sediment accumulation inside the riser?	Y				N		
5. Sediment accumulation in outlet pipe?			N/A			N/A	
6. Outfall channels functioning?			N/A			N/A	
7. Under drain functioning?	Y				N		No apparent issues.
8. Slope protection or rip-rap failures?			N/A			N/A	
9. Other?			N/A			N/A	
Other							
1. Encroachments on pond or easement area?	Y				N		
2. Complaints from residents?			N/A			N/A	
3. Odor?	Y				N		
4. Mowing required?	Y				N		
5. Graffiti removal needed?	Y				N		
6. Insects in excess?	Y				N		
7. Public hazards?	Y				N		
8. Other?			N/A			N/A	
Summary:	This device is in the median and appears to be functioning as designed. There are thistles and weeds that should be removed. There is sediment in the rip-rap at the curb inlets that should be removed.						
Inspector Remarks:							

Images

BF-9 Inspection, 10/30/2019



BF-9 Inspection, 10/30/2019



BF-9 Inspection, 10/30/2019



BF-9 Inspection, 10/30/2019



Pond Information							
Pond ID:	BF-9	Pond Type:	Biofiltration Device				
Location:	Badger Meter Park						
Subdivision:		Watershed:	MI-27				
Capacity:		Acres:					
Overflow Elev:		100 Year Elev:					
Year Constructed:		Date Input:					
Water Quality:		Private:					
Inspection Details							
Inspector Name(s):	Mark Bruns						
Inspection Date:	10/30/2019	Start Time:	1640	End Time:	1700		
Weather Condition:	45 Degrees, Cloudy			Last Rainfall Date:	10/26/2019		
Issue	Checked			Maintenance Needed			Comments
	Y	N	N/A	Y	N	N/A	
Dry Pond							
1. Standing water or wet spots?	N/A			N/A			
2. Sediment or trash accumulation?	N/A			N/A			
3. Low flow channels unobstructed?	N/A			N/A			
4. Other?	N/A			N/A			
Wet Pond							
1. Removal of floating debris required?	N/A			N/A			
2. Visible oil/chemical presence?	N/A			N/A			
3. Evidence of wave action?	N/A			N/A			
4. Safety shelf erosion or failure?	N/A			N/A			
5. Other?	N/A			N/A			
Infiltration Basin							
1. Standing water or wet spots?	N/A			N/A			
2. Sediment or trash accumulation?	N/A			N/A			
3. Under drain functioning?	N/A			N/A			
4. Other?	N/A			N/A			

Issue	Checked			Maintenance Needed			Comments
	Y	N	N/A	Y	N	N/A	
Vegetation							
1. Adequate vegetation cover?	Y			Y			Bare soils at the east end.
2. Appropriate vegetation?	Y			Y			Thistles, weeds, and woody growth are present.
3. Presence of invasive or undesirable vegetation/woody growth?	Y			Y			Thistles, weeds, and woody growth are present.
4. Excessive nuisance aquatic vegetation present?	Y			N			
5. Other?			N/A			N/A	
Sediment Forebays							
1. Is sediment accumulation >50%? If yes, maintenance is needed immediately.			N/A			N/A	
2. Evidence of excessive velocity/scour?			N/A			N/A	
3. Maintenance access clear of obstructions?			N/A			N/A	
4. Other?			N/A			N/A	
Embankment & Emergency Spillway							
1. Is the spillway level?			N/A			N/A	
2. Adequate Freeboard? (min 1' from top of bank to highest outlet)			N/A			N/A	
3. Embankment erosion evident?	Y			N			
4. Cracking, bulging or sliding of embankment?	Y			N			
5. Evidence of animal burrows?	Y			N			
6. Seepage evident on exterior face of embankment?			N/A			N/A	
7. Vertical & horizontal alignment of top of dam as per plans?			N/A			N/A	
8. Emergency spillway clear of obstructions & debris?			N/A			N/A	
9. Maintenance access clear of obstruction?	Y			N			
10. Other?			N/A			N/A	

Issue	Checked			Maintenance Needed			Comments
	Y	N	N/A	Y	N	N/A	
Riser & Outfall Spillway							
1. Low flow orifice obstructed?	Y			N			
2. Low flow trash rack debris/corrosion?	Y			N			
3. Weir trash rack debris/corrosion?	Y			N			
4. Excessive sediment accumulation inside the riser?	Y			N			
5. Sediment accumulation in outlet pipe?	Y			N			
6. Outfall channels functioning?	N/A			N/A			
7. Under drain functioning?	N/A			N/A			
8. Slope protection or rip-rap failures?	N/A			N/A			
9. Other?	N/A			N/A			
Other							
1. Encroachments on pond or easement area?	Y			N			
2. Complaints from residents?	N/A			N/A			
3. Odor?	Y			N			
4. Mowing required?	Y			N			
5. Graffiti removal needed?	Y			N			
6. Insects in excess?	Y			N			
7. Public hazards?	Y			N			
8. Other?	N/A			N/A			
Summary:	This device appears to be functioning as designed. There are thistles, weeds, and woody growth that should be removed. There is trash within the device that should be removed. There is also sediment accumulation that should be removed from the stone inlet at the northwest corner of the device.						
Inspector Remarks:	Continue to mow and maintain per maintenance agreement.						

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BF-9 Inspection, 10/30/2019



BF-9 Inspection, 10/30/2019



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BF-9 Inspection, 10/30/2019



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BF-9 Inspection, 10/30/2019



BF-9 Inspection, 10/30/2019



Pond Information							
Pond ID:	BF-10A		Pond Type:	Biofiltration Device			
Location:							
Subdivision:			Watershed:	MI-28			
Capacity:			Acres:				
Overflow Elev:			100 Year Elev:				
Year Constructed:			Date Input:				
Water Quality:			Private:				
Inspection Details							
Inspector Name(s):	Mark Bruns						
Inspection Date:	11/05/2019	Start Time:	1015	End Time:	1050		
Weather Condition:	34 Degrees, Partly cloudy			Last Rainfall Date:			
Issue	Checked			Maintenance Needed			Comments
	Y	N	N/A	Y	N	N/A	
Dry Pond							
1. Standing water or wet spots?	N/A			N/A			
2. Sediment or trash accumulation?	N/A			N/A			
3. Low flow channels unobstructed?	N/A			N/A			
4. Other?	N/A			N/A			
Wet Pond							
1. Removal of floating debris required?	N/A			N/A			
2. Visible oil/chemical presence?	N/A			N/A			
3. Evidence of wave action?	N/A			N/A			
4. Safety shelf erosion or failure?	N/A			N/A			
5. Other?	N/A			N/A			
Infiltration Basin							
1. Standing water or wet spots?	N/A			N/A			
2. Sediment or trash accumulation?	N/A			N/A			
3. Under drain functioning?	N/A			N/A			
4. Other?	N/A			N/A			

Issue	Checked			Maintenance Needed			Comments
	Y	N	N/A	Y	N	N/A	
Vegetation							
1. Adequate vegetation cover?	Y			N			
2. Appropriate vegetation?	Y			N			
3. Presence of invasive or undesirable vegetation/woody growth?	Y			Y			Weeds are present.
4. Excessive nuisance aquatic vegetation present?		N/A		N/A			
5. Other?		N/A		N/A			
Sediment Forebays							
1. Is sediment accumulation >50%? If yes, maintenance is needed immediately.		N/A		N/A			
2. Evidence of excessive velocity/scour?		N/A		N/A			
3. Maintenance access clear of obstructions?		N/A		N/A			
4. Other?		N/A		N/A			
Embankment & Emergency Spillway							
1. Is the spillway level?		N/A		N/A			
2. Adequate Freeboard? (min 1' from top of bank to highest outlet)		N/A		N/A			
3. Embankment erosion evident?		N/A		N/A			
4. Cracking, bulging or sliding of embankment?		N/A		N/A			
5. Evidence of animal burrows?		N/A		N/A			
6. Seepage evident on exterior face of embankment?		N/A		N/A			
7. Vertical & horizontal alignment of top of dam as per plans?		N/A		N/A			
8. Emergency spillway clear of obstructions & debris?		N/A		N/A			
9. Maintenance access clear of obstruction?		N/A		N/A			
10. Other?		N/A		N/A			

Issue	Checked			Maintenance Needed			Comments
	Y	N	N/A	Y	N	N/A	
Riser & Outfall Spillway							
1. Low flow orifice obstructed?			N/A			N/A	
2. Low flow trash rack debris/corrosion?			N/A			N/A	
3. Weir trash rack debris/corrosion?			N/A			N/A	
4. Excessive sediment accumulation inside the riser?			N/A			N/A	
5. Sediment accumulation in outlet pipe?			N/A			N/A	
6. Outfall channels functioning?			N/A			N/A	
7. Under drain functioning?			N/A			N/A	
8. Slope protection or rip-rap failures?			N/A			N/A	
9. Other?			N/A			N/A	
Other							
1. Encroachments on pond or easement area?			N/A			N/A	
2. Complaints from residents?			N/A			N/A	
3. Odor?			N/A			N/A	
4. Mowing required?			N/A			N/A	
5. Graffiti removal needed?			N/A			N/A	
6. Insects in excess?			N/A			N/A	
7. Public hazards?			N/A			N/A	
8. Other?			Y			Y	Garbage should be removed.
Summary:	Garbage and weeds should be removed. No standing water. The device appears to be functioning.						
Inspector Remarks:							

Images

BF-10A Inspection, 11/05/2019



BF-10A Inspection, 11/05/2019



Pond Information							
Pond ID:	BF-10C		Pond Type:	Biofiltration Device			
Location:							
Subdivision:			Watershed:	MI-28			
Capacity:			Acres:				
Overflow Elev:			100 Year Elev:				
Year Constructed:			Date Input:				
Water Quality:			Private:				
Inspection Details							
Inspector Name(s):	Mark Bruns						
Inspection Date:	11/05/2019	Start Time:	1015	End Time:	1050		
Weather Condition:	34 Degrees, Partly cloudy			Last Rainfall Date:			
Issue	Checked			Maintenance Needed			Comments
	Y	N	N/A	Y	N	N/A	
Dry Pond							
1. Standing water or wet spots?	N/A			N/A			
2. Sediment or trash accumulation?	N/A			N/A			
3. Low flow channels unobstructed?	N/A			N/A			
4. Other?	N/A			N/A			
Wet Pond							
1. Removal of floating debris required?	N/A			N/A			
2. Visible oil/chemical presence?	N/A			N/A			
3. Evidence of wave action?	N/A			N/A			
4. Safety shelf erosion or failure?	N/A			N/A			
5. Other?	N/A			N/A			
Infiltration Basin							
1. Standing water or wet spots?	N/A			N/A			
2. Sediment or trash accumulation?	N/A			N/A			
3. Under drain functioning?	N/A			N/A			
4. Other?	N/A			N/A			

Issue	Checked			Maintenance Needed			Comments
	Y	N	N/A	Y	N	N/A	
Vegetation							
1. Adequate vegetation cover?	Y			N			
2. Appropriate vegetation?	Y			N			
3. Presence of invasive or undesirable vegetation/woody growth?	Y			Y			Weeds are present.
4. Excessive nuisance aquatic vegetation present?		N/A		N/A			
5. Other?		N/A		N/A			
Sediment Forebays							
1. Is sediment accumulation >50%? If yes, maintenance is needed immediately.		N/A		N/A			
2. Evidence of excessive velocity/scour?		N/A		N/A			
3. Maintenance access clear of obstructions?		N/A		N/A			
4. Other?		N/A		N/A			
Embankment & Emergency Spillway							
1. Is the spillway level?		N/A		N/A			
2. Adequate Freeboard? (min 1' from top of bank to highest outlet)		N/A		N/A			
3. Embankment erosion evident?		N/A		N/A			
4. Cracking, bulging or sliding of embankment?		N/A		N/A			
5. Evidence of animal burrows?		N/A		N/A			
6. Seepage evident on exterior face of embankment?		N/A		N/A			
7. Vertical & horizontal alignment of top of dam as per plans?		N/A		N/A			
8. Emergency spillway clear of obstructions & debris?		N/A		N/A			
9. Maintenance access clear of obstruction?		N/A		N/A			
10. Other?		N/A		N/A			

Issue	Checked			Maintenance Needed			Comments
	Y	N	N/A	Y	N	N/A	
Riser & Outfall Spillway							
1. Low flow orifice obstructed?			N/A			N/A	
2. Low flow trash rack debris/corrosion?			N/A			N/A	
3. Weir trash rack debris/corrosion?			N/A			N/A	
4. Excessive sediment accumulation inside the riser?			N/A			N/A	
5. Sediment accumulation in outlet pipe?			N/A			N/A	
6. Outfall channels functioning?			N/A			N/A	
7. Under drain functioning?			N/A			N/A	
8. Slope protection or rip-rap failures?			N/A			N/A	
9. Other?			N/A			N/A	
Other							
1. Encroachments on pond or easement area?			N/A			N/A	
2. Complaints from residents?			N/A			N/A	
3. Odor?			N/A			N/A	
4. Mowing required?			N/A			N/A	
5. Graffiti removal needed?			N/A			N/A	
6. Insects in excess?			N/A			N/A	
7. Public hazards?			N/A			N/A	
8. Other?			Y			Y	Garbage should be removed.
Summary:	Garbage and weeds should be removed. No standing water. The device appears to be functioning.						
Inspector Remarks:							

Images

BF-10C Inspection, 11/05/2019



BF-10C Inspection, 11/05/2019



Pond Information							
Pond ID:	BF-10D		Pond Type:	Biofiltration Device			
Location:							
Subdivision:			Watershed:	MI-28			
Capacity:			Acres:				
Overflow Elev:			100 Year Elev:				
Year Constructed:			Date Input:				
Water Quality:			Private:				
Inspection Details							
Inspector Name(s):	Mark Bruns						
Inspection Date:	11/05/2019	Start Time:	1015	End Time:	1050		
Weather Condition:	34 Degrees, Partly cloudy			Last Rainfall Date:			
Issue	Checked			Maintenance Needed			Comments
	Y	N	N/A	Y	N	N/A	
Dry Pond							
1. Standing water or wet spots?	N/A			N/A			
2. Sediment or trash accumulation?	N/A			N/A			
3. Low flow channels unobstructed?	N/A			N/A			
4. Other?	N/A			N/A			
Wet Pond							
1. Removal of floating debris required?	N/A			N/A			
2. Visible oil/chemical presence?	N/A			N/A			
3. Evidence of wave action?	N/A			N/A			
4. Safety shelf erosion or failure?	N/A			N/A			
5. Other?	N/A			N/A			
Infiltration Basin							
1. Standing water or wet spots?	N/A			N/A			
2. Sediment or trash accumulation?	N/A			N/A			
3. Under drain functioning?	N/A			N/A			
4. Other?	N/A			N/A			

Issue	Checked			Maintenance Needed			Comments
	Y	N	N/A	Y	N	N/A	
Vegetation							
1. Adequate vegetation cover?	Y			N			
2. Appropriate vegetation?	Y			N			
3. Presence of invasive or undesirable vegetation/woody growth?	Y			Y			Weeds are present.
4. Excessive nuisance aquatic vegetation present?		N/A		N/A			
5. Other?		N/A		N/A			
Sediment Forebays							
1. Is sediment accumulation >50%? If yes, maintenance is needed immediately.		N/A		N/A			
2. Evidence of excessive velocity/scour?		N/A		N/A			
3. Maintenance access clear of obstructions?		N/A		N/A			
4. Other?		N/A		N/A			
Embankment & Emergency Spillway							
1. Is the spillway level?		N/A		N/A			
2. Adequate Freeboard? (min 1' from top of bank to highest outlet)		N/A		N/A			
3. Embankment erosion evident?		N/A		N/A			
4. Cracking, bulging or sliding of embankment?		N/A		N/A			
5. Evidence of animal burrows?		N/A		N/A			
6. Seepage evident on exterior face of embankment?		N/A		N/A			
7. Vertical & horizontal alignment of top of dam as per plans?		N/A		N/A			
8. Emergency spillway clear of obstructions & debris?		N/A		N/A			
9. Maintenance access clear of obstruction?		N/A		N/A			
10. Other?		N/A		N/A			

Issue	Checked			Maintenance Needed			Comments
	Y	N	N/A	Y	N	N/A	
Riser & Outfall Spillway							
1. Low flow orifice obstructed?			N/A			N/A	
2. Low flow trash rack debris/corrosion?			N/A			N/A	
3. Weir trash rack debris/corrosion?			N/A			N/A	
4. Excessive sediment accumulation inside the riser?			N/A			N/A	
5. Sediment accumulation in outlet pipe?			N/A			N/A	
6. Outfall channels functioning?			N/A			N/A	
7. Under drain functioning?			N/A			N/A	
8. Slope protection or rip-rap failures?			N/A			N/A	
9. Other?			N/A			N/A	
Other							
1. Encroachments on pond or easement area?			N/A			N/A	
2. Complaints from residents?			N/A			N/A	
3. Odor?			N/A			N/A	
4. Mowing required?			N/A			N/A	
5. Graffiti removal needed?			N/A			N/A	
6. Insects in excess?			N/A			N/A	
7. Public hazards?			N/A			N/A	
8. Other?			Y			Y	Garbage should be removed.
Summary:	Garbage and weeds should be removed. No standing water. The device appears to be functioning.						
Inspector Remarks:							

Images

BF-10D Inspection, 11/05/2019



BF-10D Inspection, 11/05/2019



Permeable Pavement Inspection and Maintenance Checklist

Site Name: PP-2

Location: Badger Meter Park

Owner Name: Village of Brown Deer

Inspector Name: Mark Bruns

Date: 11/01/2019

Time: 15:50

Site Conditions: 32 Degrees, Clear

*****Conduct maintenance inspection in the spring of each year.

Pavement Type: Pervious Concrete/Asphalt Modular Pavers Grass/Gravel Pavers

Inspection Frequency Key: A= annual (required); M=monthly (recommended); S=after major storms (recommended)

Inspection Items	Inspection Frequency	Inspected? Yes/No	Maintenance Needed? Yes/No	Comments/ Description
Pavement Area				
Pavement area free of debris?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Staining or sediment?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Inlets and outlets unobstructed and sediment free?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
All contributing drainage area free of erosion and sources of sediment?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Water standing after a storm event?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Any evidence of clogged pores that require vacuum sweeping?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Has area been vacuum swept in the past 12 months?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Is observation well capped?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Structural integrity of the pavement intact? Look for deterioration such as: slumping, cracking, spalling, or broken pavers.		Yes No <input checked="" type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	

Inspector Comments:

Some surface chipping/scuffing of the aggregate is present. Ponding was not present. The permeable surface appears to be functioning.

Inspected by: (signature)

Inspected by: (printed) Mark Bruns





Permeable Pavement Inspection and Maintenance Checklist

Site Name: PP-3

Location: Fairy Chasm Sports Field

Owner Name: Village of Brown Deer

Inspector Name: Mark Bruns

Date: 11/01/2019

Time: 15:20

Site Conditions: 32 Degrees, Clear

*****Conduct maintenance inspection in the spring of each year.

Pavement Type: Pervious Concrete/Asphalt Modular Pavers Grass/Gravel Pavers

Inspection Frequency Key: A= annual (required); M=monthly (recommended); S=after major storms (recommended)

Inspection Items	Inspection Frequency	Inspected? Yes/No	Maintenance Needed? Yes/No	Comments/ Description
Pavement Area				
Pavement area free of debris?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Staining or sediment?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Some soil staining present.
Inlets and outlets unobstructed and sediment free?		Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
All contributing drainage area free of erosion and sources of sediment?		Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Water standing after a storm event?		Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Any evidence of clogged pores that require vacuum sweeping?		Yes No <input checked="" type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	
Has area been vacuum swept in the past 12 months?		Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Is observation well capped?		Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Structural integrity of the pavement intact? Look for deterioration such as: slumping, cracking, spalling, or broken pavers.		Yes No <input checked="" type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	

Inspector Comments:

Some surface chipping/scuffing of the aggregate is present. Ponding was not present. The permeable surface appears to be functioning.

Inspected by: (signature)

Inspected by: (printed) Mark Bruns



Permeable Pavement Inspection and Maintenance Checklist

Site Name: PP-4

Location: Village Park

Owner Name: Village of Brown Deer

Inspector Name: Mark Bruns

Date: 11/05/2019

Time: 10:00

Site Conditions: 34 Degrees, Partly Cloudy

*****Conduct maintenance inspection in the spring of each year.

Pavement Type: Pervious Concrete/Asphalt Modular Pavers Grass/Gravel Pavers

Inspection Frequency Key: A= annual (required); M=monthly (recommended); S=after major storms (recommended)

Inspection Items	Inspection Frequency	Inspected? Yes/No	Maintenance Needed? Yes/No	Comments/ Description
Pavement Area				
Pavement area free of debris?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Staining or sediment?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Inlets and outlets unobstructed and sediment free?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
All contributing drainage area free of erosion and sources of sediment?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Water standing after a storm event?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Any evidence of clogged pores that require vacuum sweeping?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Has area been vacuum swept in the past 12 months?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Is observation well capped?		Yes No <input type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	
Structural integrity of the pavement intact? Look for deterioration such as: slumping, cracking, spalling, or broken pavers.		Yes No <input checked="" type="checkbox"/> <input type="checkbox"/>	Yes No <input type="checkbox"/> <input type="checkbox"/>	

Inspector Comments:

Some cracking at southwest side and minor surface chips. Ponding was not present.

Inspected by: (signature)

Inspected by: (printed) Mark Bruns



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 30 Degrees, Cloudy				
Inspection Date: 11/01/2019		Location: Fairy Chasm & Joleno; PD-06 Chamber				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	1' of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	Floating debris is present.
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments:

PD-06 Chamber, 11/01/2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 30 Degrees, Clear				
Inspection Date: 11/01/2019		Location: Fairy Chasm & Joleno; PD-06 Inlet				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	3.4 feet of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments: No sheen or debris is present.

PD-06 Inlet, 11/01/2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 37 Degrees, Mostly Sunny				
Inspection Date: 11/05/2019		Location: 49th & Schroeder; PD-07 East				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	No sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	Garbage and debris are present.
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments:

PD-07 East, 11/05/2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 37 Degrees, Mostly Sunny				
Inspection Date: 11/05/2019		Location: 49th & Schroeder; PD-07 West				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	0.5 feet of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	Leaves present in trash rack.
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments:

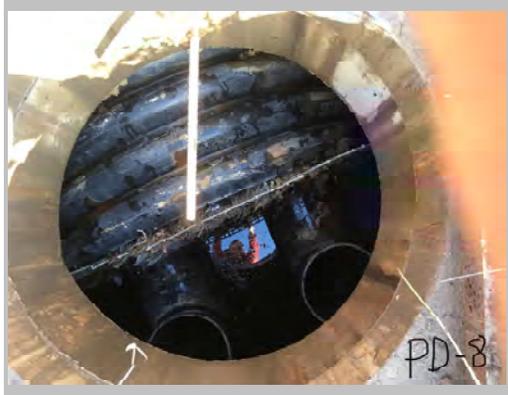
PD-07 West, 11/05/2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 37 Degrees, Partly Cloudy				
Inspection Date: 11/05/2019		Location: 9153 Deerbrook Trl; PD-08				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	1.3 feet of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input checked="" type="radio"/> N/A <input type="radio"/> Yes <input type="radio"/> No	
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input checked="" type="radio"/> N/A <input type="radio"/> Yes <input type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input checked="" type="radio"/> N/A <input type="radio"/> Yes <input type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input checked="" type="radio"/> N/A <input type="radio"/> Yes <input type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input checked="" type="radio"/> N/A <input type="radio"/> Yes <input type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input checked="" type="radio"/> N/A <input type="radio"/> Yes <input type="radio"/> No	

Comments: No unusual odor, sheen, or floatables are present.



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns			Weather Conditions: 32 Degrees, Cloudy			
Inspection Date: 11/01/2019			Location: 51st & Beaver Creek; PD-09 North			
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	0.3 feet of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	Some floating debris is present.
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments:

PD-09 North, 11-05-2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 32 Degrees, Cloudy				
Inspection Date: 11/01/2019		Location: 51st & Beaver Creek; PD-09 South (Inlet)				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	2 feet of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments: No unusual odor, sheen, or debris is present.

PD-09 South (Inlet), 11-05-2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 28 Degrees, Mostly Cloudy				
Inspection Date: 11/01/2019		Location: Greenbrook & Arbon; PD-10 North				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	1 foot of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	Floating debris is present.
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments: No apparent sheen or unusual odor is present.

PD-10 North, 11/01/2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 28 Degrees, Mostly Cloudy				
Inspection Date: 11/01/2019		Location: Greenbrook & Arbon; PD-10 South				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	2.2 feet of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments: No apparent sheen or unusual odor.

PD-10 South, 11/01/2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 28 Degrees, Mostly Cloudy				
Inspection Date: 11/01/2019		Location: 51st & Greenbrook; PD-11				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	1 foot of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	Floating debris is present.
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than ½ inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than ½ inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments: No apparent sheen or unusual odor is present.

PD-11, 11/01/2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns			Weather Conditions: 37 Degrees, Mostly Sunny			
Inspection Date: 11/05/2019			Location: Meadowside Ct & Dean Rd; PD-12 East			
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	0.2 ft of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments: No sheen, unusual odor, or floating debris is present.

PD-12 East, 11/05/2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 37 Degrees, Mostly Sunny				
Inspection Date: 11/05/2019		Location: Meadowside Ct & Dean Rd; PD-12 West				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vacator truck	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	1.2 feet of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments: No sheen, unusual odor, or floating debris is present.

PD-12 West, 11/05/2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns				Weather Conditions: 36 Degrees, Partly Cloudy		
Inspection Date: 11/05/2019				Location: Behind Wal-Mart; PD-13 East		
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	0.5 foot of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	Heavy amount of trash is present.
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments:

PD-13 East, 11/05/2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 36 Degrees, Partly Cloudy				
Inspection Date: 11/05/2019		Location: Behind Wal-Mart; PD-13 West				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	2 feet of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments:

PD-13 West, 11/05/2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 34 Degrees, Partly Cloudy				
Inspection Date: 11/05/2019		Location: 60th & Silverbrook; PD-14 East				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	2.5 feet of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	Trash and floating debris are present.
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments: Slight odor, trash and debris are present. The boom is discolored.

PD-14 East, 11/05/2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 34 Degrees, Partly Cloudy				
Inspection Date: 11/05/2019		Location: 60th & Silverbrook; PD-14 West				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	2.4 feet of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	Trash and debris are present.
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments: There is a gap in the frame.

PD-14 West, 11/05/2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 34 Degrees, Partly Cloudy				
Inspection Date: 11/05/2019		Location: 60th & Silverbrook, PD-15 East				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	0.7 feet of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments: Strong odor is present.

PD-15 East, 11/05/2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 34 Degrees, Partly Cloudy				
Inspection Date: 11/05/2019		Location: 60th & Silverbrook, PD-15 West				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	Less than 0.25 feet of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	Floating debris is present.
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments:

PD-15 West, 11/05/2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 32 Degrees, Cloudy				
Inspection Date: 11/01/2019		Location: 55th & Beaver Creek Pkwy; PD-16 Northeast				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	0.3 feet of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	Some floating debris is present.
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments: Boom is grey in color. No sheen or unusual odor is present.

PD-16 Northeast; 11/01/2019



Proprietary Device System Checklist

Inspector Name(s): Mark Bruns		Weather Conditions: 32 Degrees, Cloudy				
Inspection Date: 11/01/2019		Location: 55th & Beaver Creek Pkwy; PD-16 Southwest				
Type of Inspection	Drainage System Feature	Problem	Conditions to Check For	Recommended Action	Maintenance Needed (Yes/No)	Comments
Inspections are performed in accordance with the maintenance agreement or owners recommendation	Settling Chamber	Sediment accumulation	Sediment capacity reached (varies depending on the model, see attached table)	Sediment should be removed using vactor truck	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	1.2 feet of sediment.
	Settling Chamber	Trash and floatable debris accumulation	Excessive trash and floatable debris accumulation.	Remove trash or other floatable debris.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Settling Chamber	Excessive Oil	Oil exceeds 8" in depth or evidence of a spill	Clean out oil	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Manhole Cover	Cover Damaged/Not Working	Corrosion or deformation of cover. (One maintenance person cannot remove lid after applying 80 pounds of lift.)	Repair cover to proper working specifications or replaced.	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Disk Insert	Disk insert inlet/outlet obstructed	Inlet or outlet piping obstructed.	Remove obstruction blocking inlet or outlet piping.	<input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No	Leaves are obstructing the grate.
	Structure	Structure has cracks in wall, bottom, and damage to frame and/or top slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Repair or replace vault to meet design specifications and is structurally	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	
	Structure Joints	Structure has cracks at the joint of any inlet/outlet pipe.	Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Repair vault so that no cracks exist wider than 0.25 inches at the joint of inlet/outlet	<input type="radio"/> N/A <input type="radio"/> Yes <input checked="" type="radio"/> No	

Comments: Boom is not visible. No unusual odor or floatable debris is present.

PD-16 Southwest; 11/01/2019

