

Yakima County Public Services / Water Resources MS4 Facility Inspection Checklist

Address/Location _____

Facility ID _____

Date/Time _____

Description _____

Inspector _____

Inspection Type—Circle One [Annual Field Assessment] [IDDE] [Post Storm Event] [Customer Complaint]

[Dry Weather] [Wet Weather] [Mapping Revision] Other _____

Feature Type — Circle One **C B** - Catch Basin **M H** - Manhole **C I** - Culvert Inlet **C O** - Culvert Outlet **Stream**
DW - Dry Well **DWIT** - Dry Well Infiltration Trench **IT** - Infiltration Trench **IP** - Infiltration Pond **WP** - Wet Pond
IS - Infiltration Swale **BIS** - Bio-Infiltration Swale **BFS** - Biofiltration Swale Other _____

NOTE TO INSPECTOR: Personnel entering any confined spaces must take appropriate safety measures and follow applicable SOP's and OSHA regulations.

Inspection Rating Scale

0 = Condition Good/No Action Required 1 = Condition OK/Requires Monitoring 2 = Condition Degraded/Requires Maintenance\Cleaning

3 = Condition Serious/Requires Immediate Repair\Maintenance\Cleaning N/A = Not Applicable to this Item

Inspection Item or Component	Rating	Comments
Inlet / Frame and Grate		
Signs of Illicit Discharge Entering Structure	0 1 2 3 N/A	
Storm Drain Inlet Label	0 1 2 3 N/A	
Excessive Trash or Debris Blocking Inlet	0 1 2 3 N/A	
Visible Damage to Frame or Grate	0 1 2 3 N/A	
Street or Curb & Gutter Line Damage	0 1 2 3 N/A	
Below Grade Structure		
Excessive Trash or Debris in Structure	0 1 2 3 N/A	
Sediment Buildup Requires Cleaning	0 1 2 3 N/A	
Standing Water Visible Above Outlet I.E.	0 1 2 3 N/A	
Visible Cracks or Voids Needing Grout	0 1 2 3 N/A	
Pipes / Outlet Controls		
Sediment Visible in Inlet / Outlet Pipe	0 1 2 3 N/A	
Visible Damage to Inlet / Outlet Pipe	0 1 2 3 N/A	
Damaged / Missing Outlet Control or WQ Tee	0 1 2 3 N/A	

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Facility Sketch or Additional Notes

Mapping Inventory Information

Feature Class	Value	Comments
Object ID		
Type		CB Type 1 CB Type 2 MH Dry Well DWIT
Grate Type		Rectangular Herringbone Vaned Circular Solid Round
Grate Elevation		XX.XX
Construction Type		Concrete Caste Brick Other Material
Sediment Measure Down Depth		0.00 Feet
Structure Bottom Measure Down Depth		0.00 Feet
Pipe Out Azimuth		0-360 Degrees
Pipe Out Diameter		Inches
Pipe Out Material		RCP CMP HDPE Smooth CPP CI Unknown
Pipe Out Condition		
Pipe Out Measure Down Depth		0.00 Feet Pipe Out I.E.=
Pipe In 1 Azimuth		0-360 Degrees
Pipe In 1 Diameter		Inches
Pipe In 1 Material		RCP CMP HDPE Smooth CPP CI Unknown
Pipe In 1 Condition		
Pipe In 1 Measure Down Depth		0.00 Feet Pipe In 1 I.E.=
Pipe In 2 Azimuth		0-360 Degrees
Pipe In 2 Diameter		Inches
Pipe In 2 Material		RCP CMP HDPE Smooth CPP CI Unknown
Pipe In 2 Condition		
Pipe In 2 Measure Down Depth		0.00 Feet Pipe In 2 I.E.=

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Pipe In 1 Azimuth		0-360 Degrees
Pipe In 1 Diameter		Inches
Pipe In 1 Material		RCP CMP HDPE Smooth CPP CI Unknown
Pipe In 1 Condition		
Pipe In 1 Measure Down Depth		0.00 Feet Pipe In 1 I.E.=
Pipe In 2 Azimuth		0-360 Degrees
Pipe In 2 Diameter		Inches
Pipe In 2 Material		RCP CMP HDPE Smooth CPP CI Unknown
Pipe In 2 Condition		
Pipe In 2 Measure Down Depth		0.00 Feet Pipe In 2 I.E.=

BMP Inspection

Select One: Wet _____ Dry _____

Illicit Discharge Checklist

First Response Guide

Note: If you are reading this, then you have just noticed an unwanted spill/contamination entering one of Yakima County's MS4's. The first thing to do is not to panic. This checklist was designed to help guide you on the correct set of actions to take to confront the problem. Please read/fill out the information below.

Safety Protocol

1.	Stay upstream or upwind from the direction the illicit material is flowing. If there is a fire, call 911 immediately.
2.	If possible, create a perimeter around the source the source of the containment and the outlet. Use cones or tape if available.
3.	Determine the source of the discharge and where it is heading. Take photos and or write information in lines below.
3a.	
3b.	
3c.	
3d.	
4.	Do not answer any public and media questions. Direct them to the proper authorities and public information specialists when they have arrived. An acceptable answer to public and media outlets while waiting for those sources is: "I am afraid I do not have the qualifications to answer these questions. Qualified personal will be available in the near future. For safety reasons, do not go near the source and outlet of the discharge."
5.	Write down the full address of where the Illicit Discharge is located:

Description of the Source

6.	What is the smell? <input type="checkbox"/> Sewage <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour-Rancid <input type="checkbox"/> Oil-petroleum product <input type="checkbox"/> Other _____
7.	What is the color of the discharge material? <input type="checkbox"/> Brown <input type="checkbox"/> Red <input type="checkbox"/> Grey <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Other _____
8.	What is the turbidity of the discharge? <input type="checkbox"/> Cloudy <input type="checkbox"/> Opaque <input type="checkbox"/> Clear <input type="checkbox"/> Other/NA _____
9.	What type of floatable matter/deposits are there? <input type="checkbox"/> Sewage/Suds <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Sediments <input type="checkbox"/> Other/NA _____
10.	What are the vegetation conditions? <input type="checkbox"/> Excessive Growth <input type="checkbox"/> Inhibited Growth <input type="checkbox"/> Pests <input type="checkbox"/> Other/NA _____
11.	Are there any structural damages?

<input type="checkbox"/>	<input type="checkbox"/> Cracked Concrete <input type="checkbox"/> Rust <input type="checkbox"/> Corrosion <input type="checkbox"/> Other/NA
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Next Actions

*Continue to this part only if you have completed the following sections to the best of your abilities.

12.	<p>The following numbers are listed in order of occurrence. Use questions 3, 5 and 6 through 11 to describe the situation when reporting the incident.</p> <ul style="list-style-type: none">a. Illicit Discharge Hotline (509)-574-2300 (Weekdays)b. Washington State Department of Ecology: (509)-575-2490c. 911 Emergency (Fire Department)
13.	Remain at the scene until you have been relieved by an authorized representative from the above sources.
14.	Document any new occurrences that take place until you are relieved. It is wise record the time and exact location of the event using objects/structures on the scene. Report these findings to the authorized leader and keep a copy for your records.

Conclusions

Stay safe and good luck.