

# TOWN OF BETHLEHEM - Continuous Deflective Separation (CDS) Unit Maintenance Inspection      REPORT FORM

*Instructions: Use this form to record inspection and maintenance activities associated with the CDS Unit then submit an electronic copy to the Town*

## SITE INFORMATION

<b>Facility Owner:</b>		<b>Facility Address:</b>		<b>Unit ID #:</b>	
<b>Inspector Name:</b>		<b>Type of Inspection:</b>	<i>Storm Event / Monthly / Quarterly / Annual</i>	<b>CDS Model:</b>	

## INSPECTION NOTES

Inspection Items <i>(Inspection Criteria)</i>	Inspector Comments	Observed Field Conditions Indicating Maintenance is needed for the Unit	Corrective Action for Maintenance Performed	Corrective Action Date
Exterior of CDS unit <i>(Exterior visual observation)</i>		Malfunction or damage to cover or apron	Repair or replace identified exterior component	
Trash, debris, sediment <i>(Note depth and determine %)</i>		Sump capacity between 50 and 75% full	Remove all floatables, debris, and sediment	
Floatables in weir box <i>(Measure floatable depth)</i>		Floatables layer is greater than 2' deep or interfering with normal operation of unit	Remove the floatable layer more frequently if it accumulates more rapidly than settleable solids	
Interior of CDS unit <i>(Interior visual observation)</i>		Problems with the inlet flume, oil baffle, container cylinder, & separation chamber	Fix or replace any malfunctioning or defective components of the CDS Unit and contact Town	
Separation Screen <i>(Interior visual observation)</i>		Separation screen clogged with trash, debris, sediment, and/or floatables	Power wash separation screen once per year or when flow problems are reported/observed	
Vector Access <i>(Exterior visual observation)</i>		Evidence of vectors entering CDS unit through openings and/or improper seals	Seal all opening with gaskets or temp. caulk and notify the Town about observed evidence	
Groundwater Seepage <i>(Interior visual observation)</i>		Groundwater is observed entering into unit by way of cracks, holes, or breaks	Properly seal all cracks, holes, or breaks to prevent groundwater intrusion into CDS unit	
Stormwater Discharges <i>(Outlet visual observation)</i>		Turbid water is observed discharging from the CDS unit during storm events	Verify proper cleaning of unit and, if observed, contact Town about upstream pollutant sources	
Other Inspection Items				

## SUMP CLEANING

<b>Record all of the following information <u>only</u> when performing maintenance activities on the CDS Unit</b>				<b>Date Performed:</b>	
<b>Contractor Name:</b>		<b>Material Quantity:</b>	<i>cyds</i>	<b>Type of Equipment:</b>	
<b>All trash, debris, and sediment removed from the CDS Unit during the maintenance activities must be properly disposed of by the contractor</b>					
<b>Contractor Name:</b>		<b>Material Quantity:</b>	<i>cyds</i>	<b>Disposal Location:</b>	

\_\_\_\_\_  
*Signature of Qualified Inspector:*

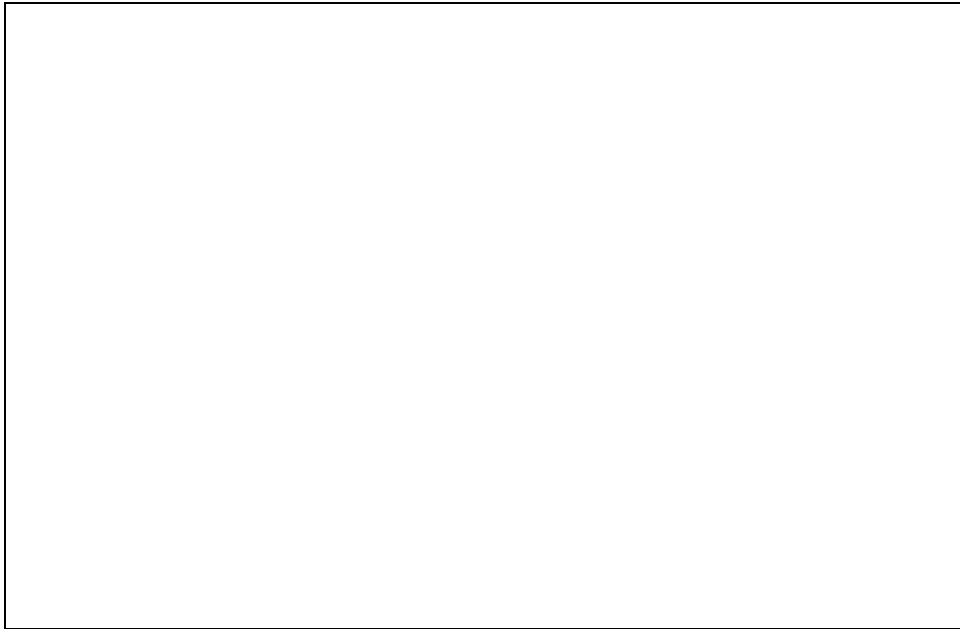
\_\_\_\_\_  
*Date*

\_\_\_\_\_  
*Signature of Qualified Professional:*

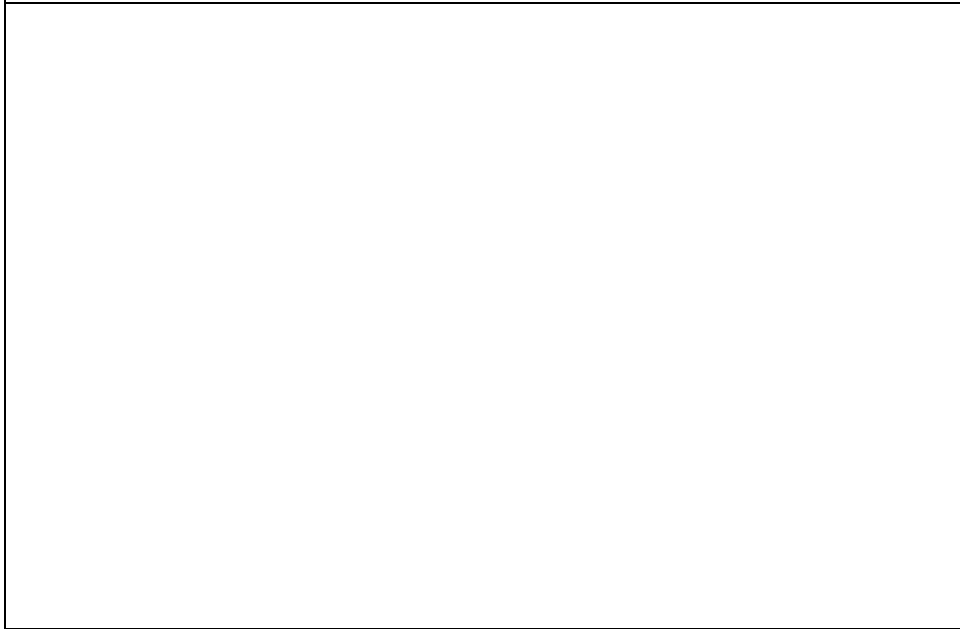
\_\_\_\_\_  
*Date*

**TOWN OF BETHLEHEM - Continuous Deflective Separation (CDS) Unit Maintenance Inspection      PHOTO SHEET**

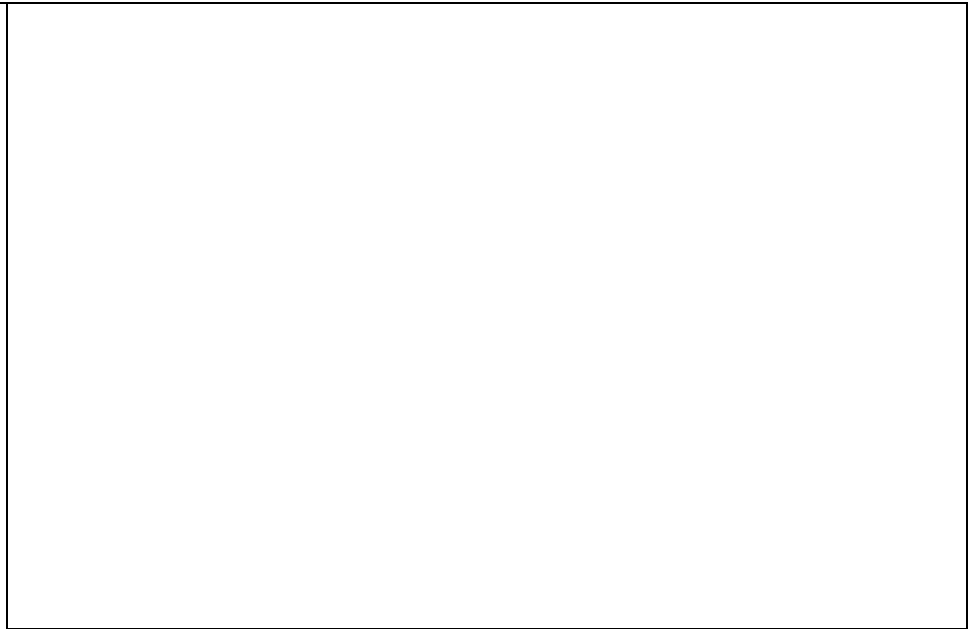
*Instructions: Use this sheet to attach files of photos taken during inspection of the CDS Unit – At a minimum, include the Diversion Weir, Separation Cylinder, Overflow Chamber, and Discharge Pipe. (Depending on the CDS Unit model being inspected, these parts may be in 1 or 2 precast MHs).*



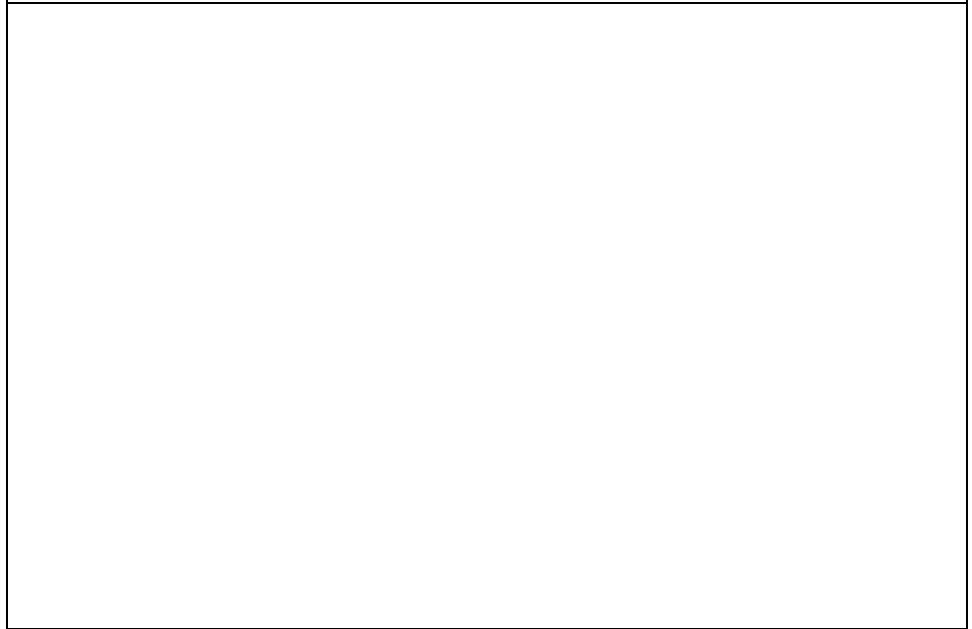
**PHOTO: DIVERSION WEIR FOR INSPECTED CDS UNIT**



**PHOTO: OVERFLOW CHAMBER FOR INSPECTED CDS UNIT**



**PHOTO: SEPARATION CYLINDER OF INSPECTED CDS UNIT**



**PHOTO: DISCHARGE PIPE FROM INSPECTED CDS UNIT**