Outfall WLA4 (6/7/2021)



OUTFALL RECUMNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data				
Subwatershed: TOMS Cr	eec	Outfall ID: WLA4 (Map 10 25)		
Today's date: $6/7/2$		Time (Military): 13:36		
Investigators: BJL		Form completed by: SAR		
Temperature (°F): 🔨 🍳 🜔	Rainfall (in.): Last 24 hours:	O Last 48 hours: 🖒		
Latitude: See table	Longitude: See table	GPS Unit: Trimble Greo 7% GPS LMK #:		
Camera: ; phonell		Photo #s: iphone 11		
Land Use in Drainage Area (Check all th	at apply):			
🔲 Industrial		X Open Space		
🗌 Ultra-Urban Residential		🔲 Institutional		
🔲 Suburban Residential		Other: Park		
Commercial		Known Industries:		
Notes (e.g, origin of outfall, if known):	······································			
PHI CPV Community Dank Stormwater BIMP				
	٩			

Section 2: Outfall Description

LOCATION	MATE	RIAL	SH	APE	DIMENSIONS (IN.)	SUBMERGED	
Closed Pipe	RCP PVC Steel Other:	CMP	Circular Eliptical Box Other:	Single Double Triple Other:		In Water: No Partially Fully With Sediment: No Partially Fully	
🗌 Open drainage	Concrete Carthen rip-rap Other:		Trapezoid Parabolic Other:		Depth: Top Width: Bottom Width:		
🔲 In-Stream	In-Stream (applicable when collecting samples)						
Flow Present?	□ Yes □ Yes If No, Skip to Section 5						
Flow Description (If present)	Trickle Moderate Substantial						

Section 3: Quantitative Characterization -> NO FION but standing Water

FIELD DATA FOR FLOWING OUTFALLS						
P	ARAMETER	RESULT	UNIT	EQUIPMENT		
	Volume		Liter	Bottle		
Flow #1	Time to fill		Sec			
	Flow depth		ĺn	Tape measure		
	Flow width	5 33	Ft, In	Tape measure		
□Flow #2	Measured length	· · · · · · · · · · · · · · · · · · ·	Ft, In	Tape measure		
	Time of travel	LUBL 2 STATUTOTO	S	Stop watch		
	Temperature	71.6 (22°C)	°F	Thermometer		
	рН	7.0	pH Units	Test strip/Probe		
	Ammonia	0	mg/L	Test strip		

Phosphate = 5 Nitrate/Nitrate = 00

Chlorine=0

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? No X (If No, Skip to Section 5)

INDICATOR	CHECK if Present		Ď	ESCRIPTION		RE	LATIVE SEVERITY INDEX	(1-3)	
Oder		Sewage	Rancid/so	ur 🗌 Petroleun	n/gas			3 – Noticeable from a	
Odor 🗌		🗌 Sulfide	Other:			1 – Faint	2 – Easily detected	distance	
Color	m	🗌 Clear	🗌 Brown	🗌 Gray	Yellow	☐ 1 – Faint colors in	2 - Clearly visible in	3 – Clearly visible in	
Color		Green	🗌 Orange	🗌 Red	Other:	sample bottle	sample bottle	outfall flow	
Turbidity				See severity		1 – Slight cloudiness	2 – Cloudy	□ 3 – Opaque	
Floatables -Does Not Include Trash!!		Sewage (T	oilet Paper, etc.) (oil sheen)	Suds Other:		1 – Few/slight; origin not obvious	2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)	

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present?

Are physical indicators t	hat are not related to flow p	present? 🖸 🖉 No (If No, Skip to Section 6)	
INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage		 Spalling, Cracking or Chipping Peeling Paint Corrosion 	
Deposits/Stains	X	Oily Flow Line Paint Other: Sediment	partially buried more level outflow area spran for lond
Abnormal Vegetation	X	Excessive I Inhibited	-
Poor pool quality		Odors Colors Floatables Oil Sheen Suds Excessive Algae Other:	
Pipe benthic growth		Brown Orange Green Other:	

Section 6: Overall Outfall Characterization

Unlikely	Potential (presence of two or more indicators)	Suspect (one or more indicators with a severity of 3)	Obvious	
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Section 7: Data Collection

Sec	tion /: Data Collection					
1.	Sample for the lab?	🗌 Yes	DX No			
2.	If yes, collected from:	Flow	Pool			
3.	Intermittent flow trap set?	🗌 Yes	🗌 No	If Yes, type: 🗌 OBM	Caulk dam	

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Outfall SHR4 (6/7/2021)



Town Of Emmitsburg 2021 IDDE Outfall Inspection

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data					
Subwatershed: Toms (reek	Outfall ID: SHR 4 (Map 10 39)			
Today's date: (0 7 /2)		Time (Military): /0;46			
Investigators: BJL		Form completed by: SAVR			
Temperature (°F): $\sim \circ_{0}$	Rainfall (in.): Last 24 hours:	O Last 48 hours: O			
Latitude: See Table	Longitude: See Table	GPS Unit: Tomble Geo 7% GPS LMK #:			
Camera: ; Dhonell		Photo #s:			
Land Use in Drainage Area (Check all the	at apply):				
🗖 Industrial		Open Space			
Ultra-Urban Residential		Institutional			
Suburban Residential		Other:			
		Known Industries:			
Notes (e.g., origin of outfall, if known): Stormwater management pond for residential heighborhood * no flow inside swin pond, but standing inder in some places					
Section 2: Outfall Description		\$			

MATERIAL SUBMERGED SHAPE **DIMENSIONS (IN.)** LOCATION **С**КСМР Circular Single C RCP Diameter/Dimensions: In Water: No Partially Fully 24" DPVC HDPE Eliptical Double Closed Pipe 🗌 Box Triple 🗌 Steel With Sediment: Other: Other: Other: Fully Concrete Trapezoid Depth: ____ 🔲 Earthen 🔲 Open drainage Parabolic Top Width: _ 🗌 гір-гар Bottom Width: Other: Other: (applicable when collecting samples) 🔲 In-Stream 🖌 Yes If No, Skip to Section 5 **Flow Present?** 🗌 No **Flow Description** 🕱 Trickle 🔲 Moderate Substantial (If present)

Section 3: Quantitative Characterization

		FIELD DATA FOR FLOWING	OUTFALLS	
	PARAMETER	RESULT	UNIT	EQUIPMENT
	Volume		Liter	Bottle
Flow #1	Time to fill		Sec	
	Flow depth		In	Tape measure
	Flow width	· · · · · · · · · · · · · · · · · · ·	Ft, In	Tape measure
Flow #2	Measured length	· · · · · · · · · · · · · · · · · · ·	Ft, In	Tape measure
	Time of travel	- ·	S	Stop watch
	Temperature	(17°) 62.6	°F	Thermometer
рН		7.0	pH Units	Test strip/Probe
Ammonia		Õ	mg/L	Test strip

Chlorine = 0 Phosphate = 5 Mitmide | Miltride - 0

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? Yes

No No (If No, Skip to Section 5)

INDICATOR	CHECK if Present		E	DESCRIPTION	•	RI	ELATIVE SEVERITY INDEX	(1-3)
Odor		Sewage	Rancid/so	our 🗌 Petroleur	m/gas	1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color	Þ.	Clear	Brown	🗌 Gray	☐ Yellow ☐Other:	I – Faint colors in sample bottle	2 – Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Turbidity				See severity		□ 1 – Slight cloudiness	2 – Cloudy	□ 3 – Opaque
Floatables -Does Not Include Trash!!		Sewage (T	`oilet Paper, etc.) (oil sheen)) 🗌 Suds 🗌 Other:		1 – Few/slight; origin not obvious	2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ∇ Yes \Box No.

Are physical indicators t	hat are not related to flow	present? Xes No (If No, Skip to Section 6)
INDICATOR	CHECK if Present	DESCRIPTION
Outfall Damage	文	Spalling, Cracking or Chipping Peeling Paint Corrosion
Deposits/Stains	<u>لم</u>	Oily Flow Line Daint Other: Sediment
Abnormal Vegetation		
Poor pool quality		Odors Colors Floatables Oil Sheen Suds Excessive Algae Other:
Pipe benthic growth		Brown Orange Green Other:

Section 6: Overall Outfall Characterization

🔲 Unlikely	X Potential (presence of two or more indicators)	Suspect (one or more indicators with a severity of 3)	Obvious

Section 7: Data Collection

1. Sample for the lab?	Yes	X No			··· ··································
2. If yes, collected from:	Flow	Pool			
3. Intermittent flow trap set?	🗌 Yes	🗌 No	If Yes, type: 🗌 OBM	Caulk dam	

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Outfall CMW1 (6/7/2021)



OUTFALL RECUNNAISSANCE INVENTORY/ SAMPLE COLGECTION FIELD SHEET

Section 1: Background Data

Subwatershed: Toms Cr	reck	Outfall ID: (MW) (Map 1D 10)			
Today's date: 617 2	· · · · · · · · · · · · · · · · · · ·	Time (Military): 8:14			
Investigators: Bot L	· · · · · · · · · · · · · · · · · · ·	Form completed by: SAR			
Temperature (°F): ~ 90	Rainfall (in.): Last 24 hours:	0 Last 48 hours: 🔿			
Latitude: see table	Longitude: See table	GPS Unit: Trimble Geo7X GPS LMK #:			
Camera: ¡Phonell		Photo #s:			
Land Use in Drainage Area (Check all the	at apply):				
🛱 Industrial		Open Space			
Ultra-Urban Residential		Institutional			
🔲 Suburban Residential		Other:			
		Known Industries:			
Notes (e.g, origin of outfall, if known): Storm Water BMD from commercial / nelustrial park					
	,				

Section 2: Outfall Description

LOCATION	MATE	RIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED	
	🗌 RCP	Д СМР	Circular	Single	Diameter/Dimensions:	In Water:	
	D PVC	HDPE	Eliptical	Double	17.5"	No Partially Fully	
Closed Pipe	🔲 Steel		🗖 Box	🗖 Tríple		_ <i>,</i>	
1	Other:		Other:	Other:		With Sediment:	
	Concrete			I	····		
	Earthen		Trapezoid		Depth:		
🔲 Open drainage			Parabolic		Top Width:		
	🔲 rip-rap		□ Other:		Bottom Width:		
	Other:						
🔲 In-Stream	(applicable wi	ien collecting	samples)				
Flow Present?	Yes Yes If No, Skip to Section 5						
Flow Description (If present)	Trickle Moderate Substantial						

Section 3: Quantitative Characterization

	FIELD DATA FOR FLOWING OUTFALLS						
P	ARAMETER		RESULT	UNIT	EQUIPMENT		
Flow #1	Volume			Liter	Bottle		
P10W #1	Time to fill			Sec			
Flow depth				In	Tape measure		
	Flow width	'	>>	Ft, In	Tape measure		
Flow #2	Measured length	'	»	Ft, In	Tape measure		
	Time of travel			S	Stop watch		
	Temperature			°F	Thermometer		
pH				pH Units	Test strip/Probe		
Ammonia				mg/L	Test strip		

Section 4: Physical Indicators for Flowing Outfalls Only

(If No, Skip to Section 5) **CHECK if** INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3)** Present Sewage Rancid/sour Petroleum/gas □ 3 – Noticeable from a Odor \Box 1 – Faint 2 – Easily detected distance Sulfide Other: Clear Brown 🗌 Gray Yellow □ 1 – Faint colors in □ 2 – Clearly visible in 3 – Clearly visible in Color sample bottle sample bottle outfall flow Green Orange Red Other: Turbidity See severity □ 1 – Slight cloudiness $\square 2 - Cloudy$ 3 – Opaque □ 2 – Some; indications 3 - Some; origin clear Floatables Sewage (Toilet Paper, etc.) Suds 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Petroleum (oil sheen) Other: Trash!! sheen) sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators	that are not related to flow	present? Yes No (If No, Skip to Section 6)	
INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage		Spalling, Cracking or Chipping Peeling Paint Corrosion	
Deposits/Stains	<u>Ъ</u>	Oily AFlow Line Paint Other:	Sediment
Abnormal Vegetation		Excessive 🗋 Inhibited	ROCK PILE WILL CAUSE Flow to pool
Poor pool quality		Odors Colors Floatables Oil Sheen Suds Excessive Algae Other:	
Pipe benthic growth	<u>х</u> П	Brown Orange Green Other:	

Section 6: Overall Outfall Characterization

Unlikely	Potential (presence of two or more indicators)	Suspect (one or more indicators with a severity of 3)	Obvious
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Section 7: Data Collection

1.	Sample for the lab?	🗌 Yes	X No		
2.	If yes, collected from:	Flow	🗌 Pool		
3.	Intermittent flow trap set?	🗌 Yes	🗌 No	If Yes, type: 🔲 OBM	Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Note: location extreenly difficult to find because excessive regetation growth. Area right after outfall looks to be a ditch filled with Rocks obstructing flow to stream/drainage area boutfall located 6130/21

Outfall WTC1 (6/7/2021)



Town Of Emmitsburg 2021 IDDE Outfall Inspection

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data				
Subwatershed: Toms Cr	eek	Outfall ID: WTCI (Mapio33)		
Today's date: $(27/2)$		Time (Military): 9:51		
Investigators: Bal		Form completed by: SA Q		
Temperature (°F): ~90	Rainfall (in.): Last 24 hours:	O Last 48 hours: O		
Latitude: See Table	Longitude: See Table	GPS Unit: Trimble Geo 7 GPS LMK #:		
Camera: i Phonell	L	Photo #s:		
Land Use in Drainage Area (Check all th	at apply):			
🔲 Industrial		Open Space		
Ultra-Urban Residential		Institutional		
🙀 Suburban Residential		Other:		
		Known Industries:		
Notes (e.g, origin of outfall, if known): from resident	nae down spouls	(Road; No longer used / Destroyed?		
Section 2: Outfall Description				

LOCATION	MATE	RIAL	SH	APE	DIMENSIONS (IN.)	SUBMERGED	
	□ RCP	🗌 СМР	Circular Vikely	🔀 Single	Diameter/Dimensions:	In Water:	
	D PVC	HDPE	Eliptical	Double	<u> N/A </u>	⊠ No □ Partially □ Fully	
🕅 Closed Pipe	Steel		🗖 Box	🗖 Triple		With Sediment:	
1	Other: te	rracotta	Other:	Other:		🗌 No	
						Partially	
· · · · · · · · · · · · · · · · · · ·	Concrete						
	Earthen		Trapezoid		Depth:		
🔲 Open drainage	🔲 rip-rap		Parabolic		Top Width:		
	Other:		Other:		Bottom Width:		
🔲 In-Stream	(applicable w	hen collecting	samples)				
Flow Present?	Yes X No If No, Skip to Section 5						
Flow Description (If present)	Trickle Moderate Substantial						

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS							
P	ARAMETER	RESULT	UNIT	EQUIPMENT			
	Volume		Liter	Bottle			
Flow #1	Time to fill		Sec				
Flow depth			ln	Tape measure			
	Flow width	, <u>,</u> , ,,	Ft, In	Tape measure			
Flow #2	Measured length	· · · · · · · · · · · · · · · · · · ·	Ft, In	Tape measure			
	Time of travel		S	Stop watch			
	Temperature		°F	Thermometer			
pH			pH Units	Test strip/Probe			
Аттоліа			mg/L	Test strip			

Section 4: Physical Indicators for Flowing Outfalls Only,

	NDICATOR	CHECK if				•			
•	NDICATOR	Present			DESCRIPTION		R	LATIVE SEVERITY INDEX	(1-3)
	Odor		Sewage	Rancid/so	ur 🗌 Petroleur	m/gas	1 – Faint		\Box 3 – Noticeable from a
		🔲 Sulfide	Other:				2 – Easily detected	distance	
	Color		Clear	Brown	🗌 Gray	Yellow	1 – Faint colors in	2 - Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
			Green	🗋 Orange	Red	Other:	sample bottle		
	Turbidity				See severity		□ 1 – Slight cloudiness	2 – Cloudy	3 – Opaque
-Do	Floatables oes Not Include Trash!!		Sewage (T	'oilet Paper, etc.) (oil sheen)	Generic Suds		☐ 1 – Few/slight; origin not obvious	2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Are Any Physical Indicators Present in the flow? MNO (If No. Skip to Section 5)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? Ves No.

Are physical indicators t	that are not related to flo	w present? Yes No (If No, Skip to Section 6)	
INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	×	Spalling, Cracking or Chipping Peeling Paint Corrosion	completely destroyed
Deposits/Stains	↓	Oily Flow Line Paint Other: Sediment	Filled W Seclinvent
Abnormal Vegetation	Ĭ Ā	Excessive X Inhibited	
Poor pool quality		Odors Colors Floatables Oil Sheen Suds Excessive Algae Other:	
Pipe benthic growth		Brown Orange Green Other:	

Section 6: Overall Outfall Characterization

Unlikely Detential (presence of two or more ind	cators) Suspect (one or more indicators with a severity of 3)	🔀 Obvious
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Section 7: Data Collection

1.	Sample for the lab?	🗌 Yes	No			
2.	If yes, collected from:	Flow	🗌 Pool			
3.	Intermittent flow trap set?	🗌 Yes	🗌 No	If Yes, type: 🗌 OBM	Caulk dam	, value

nt. Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)? <u>offe:</u> COMPHETELY OLSWOYCOL, APPEARS TO be no longer in use, source un known new plack corrugated pipe draining from nouse down spout, evidence of flow

Outfall MTW 1 (6/7/2021)



OUTFALL RECUMNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1	:]	Background	Data
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Subwatershed: TOMS Creek	٢	Outfall ID: MTWI (Mayo 10 24)			
Today's date: $(e/7/2)$		Time (Military): 13:41			
Investigators: Ball		Form completed by: SAN2			
Temperature (°F): ~~ Q ()	Rainfall (in.): Last 24 hours: () Last 48 hours: 🜔			
Latitude: See table Lon	gitude: Sec table	GPS Unit: Trimble Greo 7× GPS LMK #:			
Camera: ; Phone 11		Photo #s:			
Land Use in Drainage Area (Check all that app	ly):				
🔲 Industrial		Open Space			
🔲 Ultra-Urban Residential		Institutional			
Suburban Residential		Other:			
		Known Industries:			
Notes (e.g., origin of outfall, if known): Southquie Residentice development					
Concrete spillway in s					

Section 2: Outfall Description

LOCATION	MATI	ERIAL	SH	SHAPE		SUBMERGED
🕅 Closed Pipe	RCP TVC Steel Other:	CMP	X Circular Eliptical Box Other:	Single Double Triple Other:	Diameter/Dimensions:	In Water: Partially Fully With Sediment: Partially Partially
🗖 Open drainage	Concrete Earthen rip-rap Other:		Trapezoid Parabolic Other:		Depth: Top Width: Bottom Width:	Fully
🔲 In-Stream	(applicable when collecting samples)					
Flow Present?	🛛 Yes	Yes If No, Skip to Section 5				
Flow Description (If present)	Trickle	🗌 Moderate	e 🔲 Substantial			

Section 3: Quantitative Characterization

		FIELD DATA FOR FLOWIN	IG OUTFALLS	
P	ARAMETER	RESULT UNIT		EQUIPMENT
□ 1 71#1	Volume		Liter	Bottle
Flow #1	Time to fill		Sec	
<u></u>	Flow depth		In	Tape measure
Flow #2	Flow width	,, ,,	Ft, In	Tape measure
∐r10W #2	Measured length	>>	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pН			pH Units	Test strip/Probe
	Ammonia		mg/L	Test strip

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? Yes

(If No, Skip to Section 5)

INDICATOR	CHECK if Present		C	DESCRIPTION	1	RI	ELATIVE SEVERITY INDEX	(1-3)
Odor		Sewage	Rancid/so	our 🗌 Petroleur	m/gas	🗍 1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color		Clear	Brown Orange	☐ Gray ☐ Red	Yellow	1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Turbidity				See severity	· •••••	1 – Slight cloudiness	2 – Cloudy	□ 3 – Opaque
Floatables -Does Not Include Trash!!		Sewage (1	`oilet Paper, etc.) (oil sheen)) 🗍 Suds 🗌 Other:		1 – Few/slight; origin not obvious	2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physic	al indicators that are	not related to flow	present?	Yes 🕅	No (A	lf No, Skij	v to Section 6)

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage		Spalling, Cracking or Chipping Peeling Paint Corrosion	
Deposits/Stains		Oily Flow Line Paint Other:	
Abnormal Vegetation		Excessive Inhibited	
Poor pool quality		Odors Colors Floatables Oil Sheen Suds Excessive Algae Other:	
Pipe benthic growth		Brown Orange Green Other:	

Section 6: Overall Outfall Characterization

Section 7: Data Collection

Sec	uon 7. Data Conection				
1.	Sample for the lab?	🗌 Yes	₽ No		
2.	If yes, collected from:	Flow	Pool		
3.	Intermittent flow trap set?	🗌 Yes	🗌 No	If Yes, type: 🔲 OBM	Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Outfall CMR7 (6/30/2021)



Town Of Emmitsburg 2021 IDDE Outfall Inspection

B&L Project No. 2178.002.001

OUTFALL RECUNNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data					
Subwatershed: Toms Ox	seek	Outfall ID: CMR7 (Map 1D9)			
Today's date: 67/21; 6	130/21)	Time (Military): 12:04			
Investigators: BLL		Form completed by: SP R			
Temperature (°F): 97	Rainfall (in.): Last 24 hours:	O Last 48 hours: ○			
Latitude: See Table	Longitude: See Table	GPS Unit: Trimble Geo Te GPS LMK #:			
Camera: iphone 11		Photo #s:			
Land Use in Drainage Area (Check all the	at apply):				
🔲 Industrial		Open Space			
🔲 Ultra-Urban Residential		Institutional			
🔲 Suburban Residential		Xother. Town of Emmitsburg -Sewer Treatment			
		Known Industries:			
Notes (e.g.,, origin of outfall, if known):	stormwater basin	BWD			

Section 2: Outfall Description

LOCATION	MAT	ERIAL	SH	APE	DIMENSIONS (IN.)	SUBMERGED
X Closed Pipe	□ RCP □ PVC □ Steel ☆Other: <u></u>		Circular Eliptical Box Other:	Single Double Triple Nother: <u>Cap</u> OVER ONTFALL	Diameter/Dimensions:	In Water: No Partially Fully With Sediment: No Yartially Fully
🗖 Open drainage	Concrete Earthen rip-rap Other:		Trapezoid Parabolic Other:		Depth: Top Width: Bottom Width:	
🔲 In-Stream	(applicable v	when collecting	samples)			
Flow Present?	🗌 Yes	X N0	If No, Ski	p to Section 5 Sta	nding pool	
Flow Description (If present)	Trickle	Moderate	e 🔲 Substantial			

Section 3: Quantitative Characterization

	FIELD DATA FOR FLOWING OUTFALLS							
	PARAMETER	RESULT	UNIT	EQUIPMENT				
FIGW#1	Volume		Liter	Bottle				
<u>Fiui0₩41</u>	Time to fill		Sec					
P001	Flow depth		In	Tape measure				
`	Flow width	, <u> </u>	Ft, In	Tape measure				
Elow #2	Measured length	· · · · · · · · · · · · · · · · · · ·	Ft, In	Tape measure				
	Time of travel		S	Stop watch				
	Temperature	20°0;68	۰Ł	Thermometer				
рН		7	pH Units	Test strip/Probe				
Ammonia		0	mg/L	Test strip				

chlorine/choride= Oppm

Are Any Physical Indica	ators Present in the f	low? 📋 Yes	M No	(If No, 1	Skip to Section 5)			
INDICATOR	CHECK if Present		Ď	ESCRIPTION		RE	LATIVE SEVERITY INDEX	(1-3)
Odor		Sewage	Rancid/sou	ur 🗌 Petroleun	n/gas	🔲 I – Faint	2 – Easily detected	3 - Noticeable from a distance
Color		Clear Green	Brown	Gray 🗌 Gray	Yellow	1 – Faint colors in sample bottle	2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity				See severity		1 – Slight cloudiness	2 – Cloudy	🗍 3 – Opaque
Floatables -Does Not Include Trash!!		Sewage (T Petroleum	oilet Paper, etc.) (oil sheen)	Suds		☐ 1 – Few/slight; origin not obvious	2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Flowing Outfalls Only

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not rela	(1 (T)) ()		(TCAL 01 - 0
Are privsical indicators inal are not rela	ted to tlow present?	INIYACI INA	It No Skip to Section 61
and physical maleators that are not tota	to now prosent.		(If No, Skip to Section 6)

INDICATOR	CHECK if Present	DESCRIPTION
Outfall Damage		Spalling, Cracking or Chipping Peeling Paint Corrosion
Deposits/Stains		Oily Flow Line Paint Other:
Abnormal Vegetation		Excessive II Inhibited
Poor pool quality		Odors Colors Floatables Oil Sheen Suds Excessive Algae Other:
Pipe benthic growth	X	Brown Orange Screen Other: 100ked natural

Section 6: Overall Outfall Characterization

Unlikely	Potential (presence of two or more indicators)	Suspect (one or more indicators with a severity of 3)	Obvious
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Section 7: Data Collection

1. Sample for the lab?	🗌 Yes	Жvo			
2. If yes, collected from:	Flow	🗌 Pool			
3. Intermittent flow trap set?	🗌 Yes	🗌 No	If Yes, type: 🗌 OBM	Caulk dam	

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Outfall CMW2 (6/30/2021)



Town Of Emmitsburg 2021 IDDE Outfall Inspection

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data					
Subwatershed: Toms Cree	~ <u>K</u>	Outfall ID: CMW& (Map 10 12)			
Today's date: 6/7/2/;(4	130/21	Time (Military):			
Investigators: Ba-L		Form completed by: $S \beta R$			
Temperature (°F): 97	Rainfall (in.): Last 24 hours: (Last 48 hours: 🔿			
Latitude: Seetable	Longitude: See table	GPS Unit: Trimble GeoZKGPS LMK #:			
Camera: , Phone II		Photo #s:			
Land Use in Drainage Area (Check all the	at apply);				
🕅 Industrial		Open Space			
🔲 Ultra-Urban Residential		Institutional			
🔲 Suburban Residential		Other:			
		Known Industries:			
Notes (e.g., origin of outfall, if known): Could Not 10Cate firs Through to 10Ca	stormwater Brip st time found duri le very grown	ing second round had to bushness (10ts of vegetation; down trees)			

Section 2: Outfall Description

LOCATION	MATERIAL		SHAPE		DIMENSIONS (IN.)	SUBMERGED
	RCP	Ж СМР	Circular	Single	Diameter/Dimensions:	In Water:
	D PVC	HDPE	Eliptical	Double	1811	Ď No □ Partially □ Fully
Closed Pipe	🗋 Steel		🗖 Box	🗖 Triple		
	🗌 Other:		Other:	Other:		With Sediment:
						Partially
	Concrete					
	Earthen		Trapezoid		Depth:	
🔲 Open drainage	🗆 rip-rap		Parabolic Other:		Top Width:	
	Other:					
🔲 In-Stream	(applicable w	nen collecting	samples)			
Flow Present?	🗌 Yes	Ø.No	If No, Ski	p to Section 5		
Flow Description (If present)	Trickle	🗌 Moderate	Substantial			

Section 3: Quantitative Characterization

		FIELD DATA FOR FLOWING	OUTFALLS	
P	ARAMETER	RESULT	UNIT	EQUIPMENT
Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
	Flow depth		In	Tape measure
Flow #2	Flow width	1 33 	Ft, In	Tape measure
L]PIOW #2	Measured length	, j) 	Ft, In	Tape measure
	Time of travel		S	Stop watch
•	Temperature		۰Ł	Thermometer
	рН		pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Are Any Physical Indica	itors Present in the fl	low? 📋 Yes	TXL NO	(If NO, 1	Skip to Section 3			
INDICATOR	CHECK if Present		, D	DESCRIPTION	l.	REL	ATIVE SEVERITY INDEX	(1-3)
Odor		☐ Sewage ☐ Sulfide	☐ Rancid/so ☐ Other:	ur 🗌 Petroleun	n/gas	🔲 1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color		🔲 Clear 🔲 Green	Brown Orange	🗌 Gray	Yellow	I – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Turbidity				See severity		□ 1 – Slight cloudiness	2 – Cloudy	🔲 3 – Opaque
Floatables -Does Not Include Trash!!		Sewage (T Petroleum	oilet Paper, etc.) (oil sheen)) 🗌 Suds		☐ 1 – Few/slight; origin not obvious	2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Flowing Outfalls Only

(IGMA Shin to Section 5)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow	present?	\square No (lf)	^f No, Skip to Section 6)

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	₽ K	Spalling, Cracking or Chipping Peeling Paint	Bottom of outfall & hip look to be corroded away
Deposits/Stains	文	Oily 🕵 Flow Line 🗌 Paint 🗌 Other:	sediment/flow line stain
Abnormal Vegetation	承	Excessive Inhibited	lots of vegetation I down trees
Poor pool quality		Odors Colors Floatables Oil Sheen Suds Excessive Algae Other:	
Pipe benthic growth		Brown Orange Green Other:	

Section 6: Overall Outfall Characterization

Unlikely	X Potential (presence of two or more indicators)	Suspect (one or more indicators with a severity of 3)	Obvious
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Section 7: Data Collection

1. Sample for the lab?	Yes	No No			
2. If yes, collected from:	Flow	Pool			
3. Intermittent flow trap set?	Yes	🗌 No	If Yes, type: 🔲 OBM	Caulk dam	

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)? Outfall Overall in good condition; avea around overgrown/down trees and trash found along Stream bed. Stream bed was not flowing In a null of maker invesent

Outfall SPH1 (6/30/2021)



Town Of Emmitsburg 2021 IDDE Outfall Inspection

B&L Project No. 2178.002.001

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section	1:	Backgro	ound D	ata

Subwatershed: Toms Cry	self _	Outfall ID: SPHI (Map 1034)			
Today's date: 6/7/2166	130/21)	Time (Military): 12:40			
Investigators: Ball		Form completed by: SAN			
Temperature (°F): 97-	Rainfall (in.): Last 24 hours:	O Last 48 hours: O			
Latitude: see table	Longitude: See table	GPS Unit: Trimble Geo 7x GPS LMK #:			
Camera: ipnovell		Photo #s:			
Land Use in Drainage Area (Check all tha	it apply):				
🔲 Industrial		Open Space			
Ultra-Urban Residential		Institutional			
Suburban Residential		Other:			
X Commercial → Sleepinn,	Parking Lot, Dunkin	Known Industries:			
Notes (e.g, origin of outfall, if known):	stormwater BMP				

Section 2: Outfall Description

LOCATION	MATERIAL		SH	APE	DIMENSIONS (IN.)	SUBMERGED
KClosed Pipe	RCP	CMP	Circular Eliptical Box	Devingle	Diameter/Dimensions:	In Water: No Partially Fully
Ly closed ripe	Other:		Other:	Other:		With Sediment:
🗌 Open drainage	Concrete Earthen rip-rap Other:	_	Trapezoid Parabolic Other:		Depth: Top Width: Bottom Width:	
🔲 In-Stream	(applicable w	hen collecting	samples)			
Flow Present?	🗋 Yes	⊠ N₀	If No, Ski	p to Section 5		
Flow Description (If present)	Trickle	Moderate	Substantial			

Section 3: Quantitative Characterization

	FIELD DATA FOR FLOWING OUTFALLS						
PA	RAMETER	RESULT	UNIT	EQUIPMENT			
Flow #1	Volume		Liter	Bottle			
Ī	Time to fill		Sec				
pool	Flow depth		In	Tape measure			
☐ Flow #2	Flow width	,,, _,, _	Ft, In	Tape measure			
LIPIOW #2	Measured length	,,	Ft, In	Tape measure			
	Time of travel		S	Stop watch			
Т	emperature	al"; 69.8	۰F	Thermometer			
рН		7	pH Units	Test strip/Probe			
	Ammonia	0	mg/L	Test strip			

chlorine/chloride = 0 ppm

Are Any Physical Indicators Present in the flow? 🗌 Yes 🛛 Yoo (If No, Skip to Section 5)								
INDICATOR	CHECK if Present		D	ESCRIPTION		REL	ATIVE SEVERITY INDEX ((1-3)
Odor		☐ Sewage ☐ Sulfide	Rancid/son	ur 🗌 Petroleun	n/gas	🔲 1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color		Clear	Brown	□ Gray □ Red	☐ Yellow ☐Other:	1 – Faint colors in sample bottle	2 – Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Turbidity				See severity		1 - Slight cloudiness	2 – Cloudy	🔲 3 – Opaque
Floatables -Does Not Include Trash!!		Sewage (T Petroleum	oilet Paper, etc.) (oil sheen)	Suds		I – Few/slight; origin not obvious	2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Flowing Outfalls Only

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

•	re physical indicators for Both Flowing and Non-Flowing Outfalls re physical indicators that are not related to flow present? Set INO (If No, Skip to Section 6) Not flowing but Water Gooled							
INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS					
Outfall Damage		Spalling, Cracking or Chipping Peeling Paint Corrosion						
Deposits/Stains	Ø	Oily 🖼 Flow Line 🗌 Paint 🗌 Other:						
Abnormal Vegetation		Excessive Inhibited	lots of fallen brushin pending water					
Poor pool quality	K	Odors Image: Colors Image: Floatables Oil Sheen Suds Image: Excessive Algae Image: Other:	Green + orange algae growth					
Pipe benthic growth		Brown Orange Green Other:						

Section 6: Overall Outfall Characterization

🔲 Unlikely	A Potential (presence of two or more indicators)	Suspect (one or more indicators with a severity of 3)	Obvious
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Section 7: Data Collection

1. Sample for the lab?	🗌 Yes	X No			
2. If yes, collected from:	Flow	🗌 Pool			
3. Intermittent flow trap set?	Yes	🗌 No	If Yes, type: 🗌 OBM	🔲 Caulk dam	

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

None