Stormwater Industrial Routine Facility Inspection Report General Information **Facility Name** Maryland City WRF NPDES Tracking No. 02SW0761 Date of Inspection Start/End Time 0(36 1000 Inspector's Name(s) Inspector's Title(s) Inspector's Contact Information 410-222-Inspector's Qualifications Weather Information Weather at time of this inspection? ☐ Clear □ Cloudy **Z**-Rain ☐ Sleet ☐ Snow ☐ High Winds Other: Temperature: 490 Have any previously unidentified discharges of pollutants occurred since the last inspection? The Management of the last inspection of th If yes, describe: Are there any discharges occurring at the time of inspection? These No. If yes, describe: Control Measures Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility. Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log. Drainage Area 1 Structural Control Control If No, In Need of Corrective Action Needed and Notes Measure Measure is Maintenance, (identify needed maintenance and repairs, Operating Repair, or or any failed control measures that need Effectively? Replacement? replacement) Outfall #1 Yes No ☐ Maintenance Western side of the site, Repair near Mudwell ☐ Replacement Drainage Area 2 Structural Control Control If No. In Need of Corrective Action Needed and Notes Measure Measure is Maintenance, (identify needed maintenance and repairs, Operating Repair, or or any failed control measures that need Effectively? Replacement? replacement) Outfall #2 Yes DNo ☐ Maintenance Northern side of the site, ☐ Repair near Solids Dewatering ☐ Replacement Building

Drainage Area 3

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
'3.	Outfall #3 Western side of the site, south of road	¥Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

Drainage Area 4

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
4.	Outfall #4 Western side of the site, south of Secondary Clarifier No. 2	½ Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

Areas of Industrial Materials or Activities exposed to stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility.

	Area/Activity		Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
1	Material loading/unloading and storage areas	□Yes □No 🖳N/A	Yes DNo	
2	Equipment operations and maintenance areas	Yes ONO N/A	□Yes □No	
3	Fueling areas	□Yes □No № N/A	□Yes □No	
4	Outdoor vehicle and equipment washing areas	□Yes □No 🗷 N/A	□Yes □No	
5	Waste handling and disposal areas	Yes ONO ON/A	Yes •No	
6	Erodible areas/construction	□Yes □No 🗷 N/A	□Yes □No	
7	Non-stormwater/ illicit connections	□Yes □No 🖎N/A	□Yes □No	
8	Salt storage piles or pile containing salt	□Yes □No □ N/A	□Yes □No	
9	Dust generation and vehicle tracking	□Yes □No 🖪 N/A	□Yes □No	
10	(Other)	□Yes □No ♠N/A	☐Yes ☐No	

	Area/Activity	Inspected?	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
11	(Other)	□Yes □No ⋈ N/A	□Yes □No	
12	(Other)	□Yes □No ■N/A	□Yes □No	
	<u> </u>	Non-Com	pliance	
Des	cribe any incidents of non-co	mpliance observed and no	t described above	:
	, []			
	NIF			
			140 C	
	100	r. Francisco		
	NA			
		Additional Conti		
Desc	A Time year	Additional Contr	rol Measures	v
Desc	cribe any additional control m	Additional Contr	rol Measures	
Desc	cribe any additional control m	Additional Contr	rol Measures	
Desc	cribe any additional control m	Additional Contr	rol Measures	v
Desc	A Time year	Additional Contr	rol Measures	
Desc	cribe any additional control m	Additional Contr	rol Measures	
Desc	cribe any additional control m	Additional Contr	rol Measures	-

Notes

1	Use this space for any additional notes or observations from the inspection:	
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CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title:	CALLTON	Doon	PLANT	ORCHTOR	
Signature:	1			Date: 4/16	18

Instructions for Completing the Visual Monitoring Form

Per PART V. INSPECTIONS, MONITORING, AND REPORTING, you must collect a stormwater sample from each outfall once each quarter for the entire permit term and conduct a visual assessment of each sample. You must follow the monitoring procedures outlined in Part V.C. These samples should be collected in such a manner that they are representative of the stormwater discharge from that outfall. Each assessment must be kept onsite with your SWPPP and available for inspection and review by the Department at anytime.

First, fill out all information on the top of the visual monitoring form. A qualifying storm event is any storm where there is a measurable discharge. Then, take a grab sample in a clear container. Evaluate the sample in a well-lit area for the following parameters:

- 1. Color: Record the best description of the sample color in the appropriate space on the form.
- 2. Clarity: This parameter refers to how cloudy the sample is. It is usually an indication of fewer pollutants in the water if the sample is clear or transparent. If the clarity has changed since the last sample, try to identify what might have caused this to happen.
 - Clear Sample doesn't block any light; can be seen through regardless of color.
 - Cloudy Sample blocks some light; objects not clear but can be identified looking through the sample.
 - Very Cloudy Sample blocks most light; objects cannot be identified looking through the sample.
 - Opaque Sample blocks all light; objects cannot be seen when looking through the sample.
- Oil Sheen: Record whether or not an oil sheen is present. If a film of iridescent color is noted on the surface of the sample or a rainbow effect appears to be floating on the surface of the water, this usually indicates oil is present.
- 4. Odor: If sample has no odor other than natural rainwater or snowmelt, write "NO" on the visual monitoring form. Note the presence of any of the following odors if detected, such as gasoline, diesel, oil, solvents (WD-40, other petroleum products, etc.), garbage, fishy, sweet/sugary, any other unusual odors not normally present in clean runoff from the area sampled.
- 5. Floating Solids: A contaminated flow may contain solids or liquids floating on the surface. Identifying floatables can aid in finding the source of the contamination. Examples of floatables are spoiled food products, oils, plant parts, solvents, sawdust, foams and fuel. Give a general description of the type of floating solids present (wood chips, leaf debris, algae, etc) in the general comments section for each sample. Identify amount of floating solids as described below.
 - High More than 20% of the surface of the sample is covered with floating solids.
 - Moderate Less than 20% of the surface of the sample is covered with floating solids.
 - Slight Only a few floating particles observed on the surface of the sample.
 - None No floating solids present on the surface of the sample.
- 6. Suspended solids: Record whether or not suspended solids are present in the sample. Suspended solids are particles floating inside the column of water, not on top, and may contribute to changes in water color or clarity. Cracked or deteriorated concrete or peeling surface paint at an outfall usually indicates the presence of severely contaminated discharges. Contaminants causing this type of damage are usually very acidic or basic.

----- WAIT 30 MINUTES -----

Leave the sample undisturbed for 30 minutes to allow the water and anything in it to settle.

- 7. Settled Solids: After 30 minutes has passed, give a general description of the type of settled solids present (sand, decayed plant matter, rust particles, etc.) in the general comments section.
- 8. Foam: After completing #7, shake the bottle gently. Record foam results on the form as they most closely match one of the descriptions listed below.
 - None Most bubbles break down within ten (10) seconds of shaking; only a few large bubbles persist longer than ten (10) seconds.
 - Moderate Many small bubbles are present but these bubbles persist for less than two (minutes) after shaking.
 - High Many small bubbles are present and they persist longer than two (2) minutes after shaking.
- Detail any concerns, corrective actions taken and any other indicators of pollution present in the sample. This should include the identified source if there are visible indicators present in the sample. The person performing test must sign and date each form.

Quarterly Visual Monitoring Form Fill out a separate form for each outfall sampled.

Sample Location	Maryland City WRF Outfall	No. 1 (Rip rap adjacent to Mudwell)
Quarter / Year:	4 20 8 Date / Time Collected:	0900 Date / Time Examined: 0930
Qualifying Storm	Event? Yes (No)	Runoff Source: Rainfall Snowmelt
Collector's Name & Title	CALIFON DOORS PLANT	OPERTOR
Examiner's Name & Title	Churon Doors Plout	277458
Parameter	Parameter Description	Parameter Characteristics
1. Color	Does the stormwater appear to have any color? Yes No Clear)	If Yes, describe: Yellow Brown Red Gray Other.
2. Clarity	Is the stormwater clear?	If not clear, which of the following best describes the clarity of the stormwater? Suspended Solids Milky/Cloudy Opaque Other:
3. Oil Sheen	Can you see a rainbow effect or sheen on the water surface? Yes	Which best describes the sheen? Rainbow sheet Floating oil globules Other:
4. Odor	Does the sample have an odor? Yes No	If Yes, describe: Chemical Musty Rotten Eggs Sewage Sour Milk Oil/Petroleum Other:
5. Floating Solids	Is there anything on the surface of the sample? Yes No	If Yes, describe: Suds Oily Film Garbage Sewage Water Fowl Excrement Other:
6. Suspended Solids	Is there anything suspended in the sample? Yes No	Describe:
	Leave sample undistur	bed for 30 minutes.
7. Settled Solids	Is there anything settled on the bottom of the sample? Yes	Describe: (note type, size and material after sample is not disturbed for 30 minutes)
s. Foam	Does foam or material form on the top of the sample surface if you shake it? Yes	Describe:
9. If there are any	visible indicators of pollution identi	fy (1) where the pollution may come from and (2)

any corrective actions taken.

Stormwater Collector's Signature and Date:	/		1/11	1100	
Stormwater Examiner's Signature and Date:		il e	1161	18	
Note Commissional be called	4001 -	and analyment in a salawlana ala		-4:- L -441-	

Note – Sample should be collected and analyzed in a colorless glass or plastic bottle.

Quarterly Visual Monitoring Form Fill out a separate form for each outfall sampled.

Samp	le Location	Maryland (City WRF	Outfall	No. 2 (Overla	nd flov	v north of Solid	ds Dev	water. Bldg
Quart	er / Year:	4/2018	Date / Ti	me Collected	0900	Date	/ Time Exami	ned:	0930
	ying Storm	Event?	Yes	(No)	Runoff Sour	ce:	Rainfall	Sn	owmelt
Collec					*			***************************************	
Exami	& Title	('AR)	700	1)0000	DIA	T	OPOCAT	772	
	& Title	Office	10.0	10001	PINIC	1 - 125	070411	0.	
-	rameter	Paran	neter Des	cription	Province to the design of the second	Paramo	eter Character	etice	ar Macrina
1. Cold	or	THE RESERVE THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.	THE RESIDENCE OF THE PARTY OF T	appear to have			ellow Brown	Red	Gray
2. Clar	ity	Is the storm	water clea		If not clear, which of the following best describes the clarity of the stormwater? Suspended Solids Milky/Cloudy Opaque Other:				
3. Oil S	Sheen	Can you see sheen on the Yes	water sur	face?	Which best de Rainbow shee Other:		s the sheen? eating oil globule	es	
4. Odo	r	Does the san	nple have	an odor?	If Yes, describ Sewage So Other:	e: Che our Milk	,		tten Eggs
5. Float Solid		Is there anyth the sample? Yes	ning on the	surface of	If Yes, describ Sewage Wo Other:		uds Oily Filn owl Excrement	n G	Garbage
6. Susp Solid	Selective contract co	Is there anyth sample? Yes	ing suspe	nded in the	Describe:				
		***	Leave sar	nple undistur	bed for 30 min	utes.**			
7. Settle	Is there anything settled or bottom of the sample?			one mention designation of the performance of the second s	type,	size and materi	al after	r sample	
. Foam	1	Does foam or top of the sam shake it? Yes			Describe:				
. If ther	re are any v		tors of po		y (1) where th	e pollu	ition may com	e from	and (2)

Stormwater Collector's Signature and Date: Stormwater Examiner's Signature and Date:

Note - Sample should be collected and analyzed in a colorless glass or plastic bottle.

Quarterly Visual Monitoring Form

Fill out a separate form for each outfall sampled.

-	Sample Location	Maryland (City WRF	No. 3 (Overland flow south of access road)					
Quarter / Year: 4/2018 Date / Time Collected:					900	Date / T	ime Examin	ed:	930
(Qualifying Storm		Yes (N	VO	Runoff Sour	ce:	Rainfall	Sno	wmelt
	Collector's	^				6			
-	Name & Title	(MA)	1 1776	1)		100	1 1	0	
- 33	Examiner's	COIN	1000	VC	OF	OPC	MIN 10		_
_	Name & Title			• 64.				4.77	
-	Parameter		neter Descript				r Characteris		
4	Colon		ormwater appea	ar to have	If Yes, descril	oe: Yello	ow Brown	Red	Gray
7.	Color	any color?	No	(21)	Other.				
-		Yes	(NO	(Clear)	If much along the	h: - h - £ 4h-	. f. II	- A - A	
		Is the storm	water clear?		If not clear, w clarity of the s			est des	cribes the
2.	Clarity				Suspended S			Onagu	Δ.
		Yes)	No	Other:	Ulius IVII	iky/Cloudy	Ораци	-
-		Can you see	a rainbow effe	ct or	Which best de	ecribes th	e sheen?		
3	Oil Sheen	sheen on the water surface?			Rainbow sheet Floating oil globules				
•		Yes	/	No	Other:		ig on growing		
-		Does the sar	nple have an o		If Yes, describ	e: Chem	ical Musty	Roti	ten Eggs
4.	Odor			\frown	and the first constraint of a function of references to be for	our Milk	Oil/Petroleu		
5.51		Yes		No	Other:				((
_	Flooting	Is there anyti	ning on the sur	face of	If Yes, describ	e: Sud	s Oily Film	G	arbage
5.	Floating Solids	the sample?	_	\cap			Excrement		
	Solius	Yes		No	Other:				
6	Suspended		ning suspended	in the	Describe:				
٥.	Solids	sample?		\cap					
Children and	301143	Yes		Vo/					
Market and		***	Leave sample	undisturb	ed for 30 min	utes.***			
			ing settled on		Describe: (note			al after	sample
7.	Settled Solids	bottom of the			is not disturbed	d for 30 m	inutes)		
		Yes	(1	10/					
		Does foam or	material form	on the	Describe:				
R			nple surface if y	/ou					
J.	I Jaili	shake it?	/						
		Yes		10					
9	If there are any	risible indica	tors of no wife	on identif	y (1) where th	e polluti	on may com	o from	and (2)

 If there are any visible indicators of pollution identify (1) where the pollution may come from and (2) any corrective actions taken.

Stormwater Collector's Signature and Date:
Stormwater Examiner's Signature and Date:

Note - Sample should be collected and analyzed in a colorless glass or plastic bottle.

Quarterly Visual Monitoring Form Fill out a separate form for each outfall sampled.

	Sample Location	Maryland	City WRI	F Outfa	II No. 4 (Grass s	wale south of Sec. Clarifi	ior No. 2)
	Quarter / Year:	4/2018	Date / T	ime Collecte	d: 0900	Date / Time Examined:	T
	Qualifying Storn	n Event?	Yes	,(No		16	0931
	Collector's		100	- (NO	Runoff Source	e: Rainfall Sr	nowmelt
	Name & Title	/ //	1		\cap	0.	_
-	Examiner's	+ 1 1/1/1	111	1/1/ /	Inana	What Do	240 45
	Name & Title		ب حر		DOUNE	4/1/01	Conto
-	Parameter	Paran	actor Day			7	
-	, arairiotoj		neter Des		Pa	arameter Characteristics	
4	. Color	Does the sto	rmwater	appear to have		e: Yellow Brown Red	Gray
	. Color	any color?			Other.		-, -,
-		Yes		No (Clear)			
		Is the stormy	vater clas	12	If not clear, whi	ich of the following best des	coribos the
2	Clarity	To the storm	valei ciea	11.7	clarity of the sto	ormwater?	ichibes the
_	· Clarity	(Van)		Suspended So	I' I	
_		Yes	-	No	Other:	lias Milky/Cloudy Opaqı	<i>je</i>
		Can you see	a rainboy	v effect or			
3.	Oil Sheen	sheen on the	Water cu	rface?	Virlich best des	cribes the sheen?	
		Yes	water su		Rainbow sneet	Floating oil globules	
Approximate				(No)	Other:		
		Does the sam	iple have	an odor?	If Yes, describe	: Chemical Musty Rot	ten Eggs
4.	Odor	Yes			Sewage Sou	r Milk Oil/Petroleum	ion Lggs
		165		(No	Other:	ou oroann	
	F141	Is there anyth	ing on the	surface of	16 V1 2		
Ü.	Floating	the sample?	ing on the	surface of	If Yes, describe:		arbage
	Solids	Yes		(Na)	Sewage Wat	er Fowl Excrement	
No.		The second secon		No	Other:		
6.	Suspended	Is there anythi	ng suspe	nded in the	Describe:		
	Solids	sample?					
MAGING OF THE PARTY OF THE PART		Yes		(No/			
		/_	eave sar	nple undistur	bed for 30 minut	es.	
		Is there anything	ng settled	on the	COLUMN TRANSPORTE DE LA PROPERTA DE LA PROPENSA DEL PROPENSA DE LA PROPENSA DEL PROPENSA DE LA P	ype, size and material after	o o manda
7.	Settled Solids	bottom of the s	ample?		is not disturbed for	or 30 minutes)	Sample
	100	Yes		(Ala)	, and and an and an	or oo minates)	
474.10				No			
	1.	Does foam or n	naterial fo	orm on the	Describe:		
3.	Foam	top of the samp	ole surface	e if you			
	1	shake it?			· · · · · · · · · · · · · · · · · · ·		
		Yes	- 1	No /			
	If there are any v	isible indicate	ors of po	Nution identi	fy (1) where the	pollution may come from	
	any corrective ac	tions taken.			y (1) which the	polition may come from	and (2)
	mounte - C II			1			
	mwater Collector's			. N	/ //	1/11/18	
tor	mwater Examiner	s Signature an	d Date:	M	6 4	116/11	
	Note -	Sample should	he collec	tod and and		IIVIN	
	, , , , ,	- a.ripio diloulu	DE COILEC	teu and analyz	ceu in a colorless (glass or plastic bottle.	

QUARTERLY INSPECTION CHECKLIST FOR STORMWATER DEVICES

Date: 4/16/18
Inspector's Printed Name: CHUTOW 1300 s
Inspector's Signature:
Date Signed: 4/16/K

DEVICE	ITEM	YES/NO	COMMENTS
Outfalls & Drainage Areas	1. Are any of the areas bare, are rocks out of position, are objects blocking the flow path of the water? Any bare spots, burned out areas, or eroded areas must be recovered.	N	COMMENTS
	2. Is there excessive overgrowth between rock materials? Remove if needed.	N	
	3. Has sediment accumulated to a depth exceeding one (1) inch? Remove Silt/Sediment if needed.	N	
Grass Conveyance Swales	1. Do the grounds require maintenance due to overgrowth? Mow grounds, care should be taken to ensure that the grounds are not mowed too short. Baggers should be used to prevent clippings from reaching trenches.	N	
	2. Do the grounds require maintenance due to undergrowth? Reseed necessary areas, bare soil shall be properly covered.	7	
	3. Are conveyance swales free of debris? Remove and position away from these areas. Water should be able to flow quickly through trench.	Y	
Roof Drain Leaders	1. Are all roof drain leaders and gutters free of debris and able to convey stormwater? Clear debris to allow for proper roof drainage.	Y	