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

Sample Location	out	full # 1	
Quarter/ Year:	10011	Date / Time Collec	ted: Date / Time Examined: 5-/6-1
Qualifying Storn	Event?	Yes No	Runoff Source: Rainfall Snowmelt
Collector's Name & Title	An	idrew Ho	11
Examiner's Name & Title			
Parameter		neter Description	Parameter Characteristics
1. Color	Does the ste have any co	orm water appear to lor? No (Clea	If Yes, describe: Yellow Brown Red Gray Other: Other:
2. Clarity	Is the storm	water clear?	If not clear, which of the following best describes the clarity of the storm water? Suspended Solids Milky/Cloudy Opaque Other:
3. Oil Sheen		e a rainbow effect or e water surface? No	Which best describes the sheen? Rainbow sheet Floating oil globules Other: NOGC
4. Odor	Does the sai	mple have an odor?	If Yes, describe: Chemical Musty Rotten Eggs Sewage Sour Milk Oil/Petroleum Other: NOCE
5. Floating Solids	Is there anyt the sample? Yes	hing on the surface o	f If Yes, describe: Suds Oily Film Garbage Sewage Water Fowl Excrement Other: NONC
6. Suspended Solids	Is there anythe sample?	hing suspended in th	Describe:
		Leave sample undi	sturbed for 30 minutes.***
7. Settled Solids		ning settled on the	Describe: (note type, size and material after sample is not disturbed for 30 minutes)
8. Foam	top of the sar shake it? Yes	r material form on the nple surface if you No	Describe: None
9. If there are any any corrective a	visible indica actions taken.	ators of pollution id $\mathcal{N}\mathit{one}$	entify (1) where the pollution may come from and (2)

Stormwater Collector's Signature and Date: /	LH	11 -	5.11	[.](/	
Stormwater Examiner's Signature and Date:	142	193) (A -10	

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

Instructions for Completing the Visual Monitoring Form

Per Part V.A.3 of this permit, , you must collect a storm water 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, including sampling at a point before the stormwater discharge mixes with other waste streams, to the extent practicable. These samples should be collected in such a manner that they are representative of the storm water discharge from that outfall. All inspections must be performed during daylight hours, and collected within 30 minutes of a storm event. 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 with greater than ½ inch precipitation. 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.
- 3. 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
- 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
- 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.

ked or deteriorated concrete or property contaminated discharges. Contam	inants	causing this type	be of damage are
	VVALI	20 111111	
	- allow	the water and	anything in it to settle.

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
 - Moderate Many small bubbles are present but these bubbles persist for less than two (minutes) after
 - High Many small bubbles are present and they persist longer than two (2) minutes after shaking.
- 9. 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	J 0 W	Fall	(#2	
Quarter / Year:			ime Collected:	: Date / Time Examined: 5-/
Qualifying Storn	n Event?	Yes	No	Runoff Source: Rainfall) / 9 Snowmelt
Collector's Name & Title	A	ndri	w Ho	911
Examiner's Name & Title				
Parameter			cription	Parameter Characteristics
1. Color	Does the sto have any co Yes		appear to No (Clear)	If Yes, describe: Yellow Brown Red Gray Other: Light Brown
2. Clarity	Is the storm	water clea	ar? No	If not clear, which of the following best describes the clarity of the storm water? Suspended Solids Milky/Cloudy Opaque Other:
3. Oil Sheen	Can you see sheen on the Yes			Which best describes the sheen? Rainbow sheet Floating oil globules Other: パッパ (
. Odor	Does the sar	nple have	an odor?	If Yes, describe: Chemical Musty Rotten Egg Sewage Sour Milk Oil/Petroleum Other: いしい と
. Floating Solids	Is there anythe the sample?	ning on the	e surface of	If Yes, describe: Suds Oily Film Garbage Sewage Water Fowl Excrement Other: None
Suspended Solids	Is there anyth sample? Yes	ning suspe	ended in the	Describe:
E PARA E OPEN A PARA	***	Leave sa	mple undisturi	rbed for 30 minutes,***
. Settled Solids	Is there anyth bottom of the Yes		d on the	Describe: (note type, size and material after sample is not disturbed for 30 minutes) Note the content of the
. Foam	Does foam or top of the san shake it? Yes	iple surfa	ce if you	Describe: Nohℓ ify (1) where the pollution may come from and (

any corrective actions taken.

None

Stormwater Collector's Signature and Date:	CD1 - H	CIC K	
Stormwater Examiner's Signature and Date:	6000	5-18-18	
Note – Sample should be collec	ted and analyzed in a colorle	ess glass or plastic bottle.	

Instructions for Completing the Visual Monitoring Form

Per Part V.A.3 of this permit, , you must collect a storm water 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, including sampling at a point before the stormwater discharge mixes with other waste streams, to the extent practicable. These samples should be collected in such a manner that they are representative of the storm water discharge from that outfall. All inspections must be performed during daylight hours, and collected within 30 minutes of a storm event. Each assessment must be kept onsite with your SWPPP and available for inspection and review by the Department at anytime.

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- 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.
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 - 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.
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 - 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.

هُذَا اللَّهُ إِنَّ مِن مِن مِن مِن أَنْ فِي فِي مِنْ عَلَيْ اللَّهِ عَلَيْهِ فِي مَنْ مِنْ اللَّهِ اللَّهِ عَلَى اللَّهِ اللَّهِ عَلَى اللَّهِ اللَّهِ عَلَى اللَّهِ عَلَى اللَّهِ عَلَى اللَّهُ عَلَّهُ عَلَى اللَّهُ عَلَّى اللَّهُ عَلَى اللَّهُ عَلَى اللَّهُ عَلَّهُ عَلَّهُ عَلَّى اللَّهُ عَلَّى اللَّهُ عَلَّى اللَّهُ عَلَّهُ عَلَّا عَلَى اللَّهُ عَلَّهُ عَلَّا عَلَّهُ عَلَّا عَلَّهُ عَلَّا عَلَّا عَلَّهُ عَلَّا عَلَّا عَلّا عَلَا عَلَّهُ عَلَّا عَلَّهُ عَلَّا عَلَّهُ عَلَّا عَلَّا عَلَّ	WAIT 30 MINUTES	
	MAI 30 MINOTEO	

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

	Sample Location	OME	<u>α11</u>	# 3						
-	Quarter / Year:			Time Collected:		Date / Tim	ne Examine	d:	5 1/0	-1
	Qualifying Storm	Event?	Yes	No	Runoff Source	ce: Rai	infall 1, 7	Sno	owmelt	_1
	Collector's Name & Title	An	drev	H911	<u> </u>		<i></i>			
	Examiner's Name & Title			,						
	Parameter			escription			haracterist	444		200
1.	Color	Does the sto		er appear to No (Clear)	If Yes, describ		Brown 1		Gray	
2.	Clarity	is the storm	water cl	ear?	If not clear, who clarity of the state of th	torm water?		t des		ie
3.	Oil Sheen	Can you see a rainbow effect or sheen on the water surface? Yes			Other: Which best describes the sheen? Rainbow sheet Floating oil globules Other: № 10 11 €					
4.	Odor	Does the sar	nple hav	ve an odor?	Other		l Musty il/Petroleum		ten Eggs	3
5.	Floating Solids	Is there anythe the sample? Yes	ning on	the surface of	If Yes, describe Sewage Wa	A COLUMN TWO IS NOT THE OWNER.	Oily Film crement	G	arbage	
6.	Suspended Solids	Is there anyth sample? Yes	ning sus	pended in the	Describe:	Jone				
	Table States	***	Leave s	ample undisturi	bêd for 30 minu	ites.***				
7.	Settled Solids	Is there anyth bottom of the Yes			Describe: (note is not disturbed ໄປເ	for 30 minu		after	sample	
8.		Does foam or top of the san shake it? Yes		I form on the	Describe:	one one				_
9.	If there are any any corrective ac	visible indica ctions taken.		pollution identifully	fy (1) where th	e pollution	may come	fron	n and (2	2)

Stormwater Collector's Signature and Date:	A 100 C	- 11.70
Stormwater Examiner's Signature and Date:		216-18

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0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	WAIT 30 MINUTES	

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Form 1 Outdoor Material Handling Areas

Date of Inspection: 5-11-18 Name of Inspector Andrew HM//

	Chamia	-1.0	Observa	tion Results			
Item	Yes	Chemical Storage Area		Electrical Transformer & Diesel Fuel Storage		ering/Lime ation Area	Corrective Action Taken
Paved areas:	Tes	No	Yes	No	Yes	No	
Is there evidence of past spills or leaks?		4				×	
Spill response procedures clearly posted and response equipment available?	X	Y	浬				
Transfer equipment: Do hoses, valves or fittings	0	7			- College		
show signs of wear? Storage structures:		B/		×		×	
Signs of corrosion or material failure?		9		殳		M	
Containment area: Is there evidence of past spills or leaks?				Ø			
Containment area drains: Drain free of debris?)X	0	<u></u>	<u> </u>		M	
Containment area:		-					
Is containment area free of debris?	X)ZÍL	0	Á		
Containment area: Are valves for drains in closed position?	X		——————————————————————————————————————		 X		
Containment area: Are caps for drainage pipes in place?			X				

Storm Event - Quarterly Inspection and Rainfall Greater than 0.5 inch Inspection

Date of Inspection:	(1118	Name o	f Inspector	Jorda	in Kel	L1		
Time: 1330		Rainfa	ll amount:	<.1"	V.	Ĵ		
The following observations	must be ma	ide once a q	uarter withii	n the first ho	ur of a stor	m.		
				Observa	tion Results			
Item		all 001		all 002	Outfa	all 003	Chemical S	torage Area
Does storm water appear to be	Yes	No	Yes	No	Yes	No	Yes	No
contaminated?		itz		It I		D		
				Observa	tion Results			
		Paved Parking Areas				Dewatering/Lime- stabilization Area		Roadways
Door starm water anneaute to	Yes	No	Yes	Yes	Yes	No	Yes	No
Does storm water appear to be contaminated?		0				M		
The following inspections m	ust be cond	ducted withir	12 hours o	of the end of	a storm wit	h rainfall am	ounts greater	5777
				Observa	tion Results			
Item		ll 001		ll 002	Outfall 003		General Facility	
	Yes	No	Yes	No	Yes	No	Yes	No
Storm debris present?		0/		8				EV.

	Observation Results									
Day.		ll 001	Outfa	Outfall 002		Outfall 003		General Facility		
Item	Yes	No	Yes	No	Yes	No	Yes			
Storm debris present?		0/		N	П			No No		
Excess sediment?		13/	п					lu lu		
Signs of erosion, washouts, &				W/				II.		
bare spots?		N/		14				m/		
	Chemical Containment Structure		Diesel Fuel Containment Structure		Dewatering/Lime- stabilization Process Area		SW Management Are			
Storm debris present?		D/			П			_/		
Contaminated storm water present?				0	П			D/		
Signs of erosion, washouts, & bare spots?				0	П	th/				

Form 2 Dry weather - Quarterly Inspection

Date of Inspection: 5-11-18 Name of Inspector Andrew Hall

Item							
	Outfall 001		Outfall 002		Outfall 003		
	Yes	No	Yes	No	Yes	No	Corrective Action Taken
Non-storm water flow present?		Ó		6			
Excess sediment?		₩		0/			
Healthy vegetation?	₽/		te .		10		
Signs of erosion?			tb/			77/	

	Drainage Channel to SW Management Area		SW Management Area		Drainage Channel to Outfall 003		
Item	Yes	No	Yes	No	Yes	No	Corrective Action Taken
Non-storm water flow present?		W/		D		d'	Taken Taken
Excess sediment?		W		d/		The state of the s	
Healthy vegetation?	tz		Q/		the state of the s		
Signs of erosion?		4		E		10/	

Form 1
Outdoor Material Handling Areas

Date of Inspection: 4-12-18 Name of Inspector Andrew Hy// Jae Hy//

			0				
ltem	Chemical Storage Area		Observation Results Electrical Transformer & Diesel Fuel Storage		Dewatering/Lime Stabilization Area		Corrective Action Taker
Paved areas:	Yes	No	Yes	No	Yes	No	
Is there evidence of past spills or leaks?				*		X	
Spill response procedures clearly posted and response equipment available?	X	0	×				
Transfer equipment: Do hoses, valves or fittings show signs of wear?	0	0		>×(×	
Storage structures: Signs of corrosion or material failure?	0	0		×		×	
Containment area: Is there evidence of past spills or leaks?	0	0		×		***	
Containment area drains: Drain free of debris?	M		X				
Containment area: Is containment area free of debris?	A	0	又		× ×		
Containment area: Are valves for drains in closed position?	> ⊄	0	×		<u>~</u>		
Containment area: Are caps for drainage pipes in place?			×				