

Section 1: Background Data

Subwatershed: <u>SL100</u>	Outfall ID: <u>SA10 + SA11</u>	Today's date: <u>10/21/16</u>
Time (Military): <u>1140</u>	Investigators: <u>PAE</u>	Photo #s:
Nearest Street Address: <u>BENNINGTON</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>	
Land Use in Drainage Area (Check all that apply): <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Open Space <input checked="" type="checkbox"/> Institutional		
Known Industries: _____ Notes (e.g., origin of outfall, if known):		

Section 2: Outfall Description & Quantitative Characterization

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> Steel <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: _____	Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____ Circular, diameter: _____ Box: h - _____ w - _____ Elliptical: h - _____ w - _____	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Rip-rap <input type="checkbox"/> Earthen <input type="checkbox"/> Other: _____			
<input type="checkbox"/> In-Stream				
Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If No, Skip to Section 5		Flow Description <input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial	
PARAMETER	RESULT	UNIT	EQUIPMENT	
Ammonia	<u>0.02 ppm</u> (<u>0.57</u>)	mg/L	La Motte 1200	
	<u>0.00 ppm</u> (<u>0.23</u>)		SA10 - med (25 case) Pull SA11 - trickle	

Section 4: Physical Indicators for Flowing Outfalls Only

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

INDICATOR	CHECK IF Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	<input checked="" type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Sulfide <input checked="" type="checkbox"/> Other: <u>Musty</u>	<input checked="" type="checkbox"/> 1 - Faint	<input type="checkbox"/> 2 - Easily detected	<input type="checkbox"/> 3 - Noticeable from a distance
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Faint colors in sample bottle	<input type="checkbox"/> 2 - Clearly visible in sample bottle	<input type="checkbox"/> 3 - Clearly visible in outfall flow
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/> 1 - Slight cloudiness	<input type="checkbox"/> 2 - Cloudy	<input type="checkbox"/> 3 - Opaque
Floatables - Does Not Include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Few/slight	<input type="checkbox"/> 2 - Some	<input type="checkbox"/> 3 - Obvious

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
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corrosion
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other:
Excessive Vegetation	<input type="checkbox"/>	
Poor pool quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:
Pipe benthic growth	<input checked="" type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input checked="" type="checkbox"/> Other: <u>Bug, Phoronid, etc</u>

Section 6: Overall Outfall Characterization

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

Section 7: Notes

<u>SA10</u>	<u>7.89</u>	<u>0.3</u>	<u>842</u>	<u>1187</u>	<u>1706</u>	<u>0.02</u>	<u>0.00</u>	<u>0.02?</u>	<u>6.5 ppm</u>
<u>SA11</u>	<u>7.97</u>	<u>0.3</u>	<u>842</u>	<u>1187</u>	<u>1706</u>	<u>0.02</u>	<u>0.00</u>	<u>0.02?</u>	<u>6.5 ppm</u>

*100 Smart's
lots of new that
seed on grass
leaf litter bludge*

Aprun 80% fall flow
Fine sus sed in pool / cobble

*New
rebar
lasted*

low
photo SAU

7.97 18.0 ab OTT 1202 $\frac{0.05}{0.10}$
0.09

2.4 ppm

20 mg per cent
SAU only