Outfall Reconnaissance Inventory for Volunteer Water Monitors

Section 1: Background Data

Subwatershed: SLIGO CREEK	Outfall ID: SA 11 Pipe	Today's date: 8/4/12
Time (Military): 1335	Investigators:	Photo #s:
Nearest Street Address: BENNINGTON ROAD, SS	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: ≈ 0.0"

Land Use in Drainage Area (Check all that apply): ☐ Industrial ☑ Residential ☐ Commercial ☐ Open Space ☐ Institutional

Known Industries: RESTAURANTS (Downtown SS) Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description & Quantitative Characterization

LOCATION

☑ Closed Pipe

MATERIAL

☑ RCP ☐ Steel ☐ CMP ☐ PVC ☐ HDPE

SHAPE

☑ Circular ☐ Elliptical ☐ Box ☐ Other: _____

☐ Single ☐ Double ☐ Triple ☐ Other: _____

DIMENSIONS (IN.)

Circular, diameter: 48"

Box: h - _____ w - _____

Elliptical: h - _____ w - _____

SUBMERGED

In Water:	With Sediment:
☑ No	☑ No
☐ Partially	☐ Partially
☐ Fully	☐ Fully

Two pipes (A) and (B) (east) (west)

☐ Open drainage ☐ Concrete ☐ Rip-rap ☐ Earthen ☐ Other: _____

☐ In-Stream

Flow Present? ☑ Yes - ☐ No *If No, Skip to Section 5* **Flow Description** ☑ Trickle ☐ Moderate ☐ Substantial

PARAMETER	RESULT	UNIT	EQUIPMENT
73°F (east) A Ammonia	0.29	mg/L	LaMotte 1200
72°F (west) B Ammonia	0.32		

DISTILLED BLANK (-0.21)

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	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☑	☑ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ 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 (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight	☐ 2 – Some	☐ 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	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:
Excessive Vegetation	☐	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:
Pipe benthic growth	☑	☐ Brown ☐ Orange ☑ Green ☑ Other: Black

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

(A) Free Cl⁻/Br 0ppm pH ≈ 7.4

(B) Free Cl⁻/Br 0ppm pH ≈ 7.3

pH Tester 30 —

Ⓐ 7.3
Ⓑ 7.2

Alkalinity ≈ 100 ppm
Hardness ≈ 300 ppm
Cyanuric Acid ≈ 10 ppm

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