Outfall Reconnaissance Inventory for Volunteer Water Monitors

Section 1: Background Data

Subwatershed: SLIGO CREEK	Outfall ID: KE01	Today's date: 11/15/12
Time (Military): 10:45	Investigators: RM	Photo #s:
Nearest Street Address: MAPLE AVE	Rainfall (in.): Last 24 hours: 0 Last 48 hours: 0	

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

Known Industries: _____ Notes (e.g., origin of outfall, if known): _____

Section 2: Outfall Description & Quantitative Characterization

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ Steel ☐ CMP ☐ PVC ☐ HDPE	☑ Circular ☐ Single ☐ Elliptical ☑ Double ☐ Box ☐ Triple ☐ Other: ☐ Other:	Circular, diameter: 80" Box: h - ___ w - ___ Elliptical: h - ___ w - ___	In Water: With Sediment: ☑ No ☑ No ☐ Partially ☐ Partially ☐ Fully ☐ Fully

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

☐ In-Stream

more than usual

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

PARAMETER	RESULT	UNIT	EQUIPMENT
-.23 (A) (Dist) Ammonia	KE01 A 1.0 (immediate yellow)	mg/L	LaMotte (200 Ammonia-N
-.23 (C) (")	KE01 B 1.0 (")		

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:

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 KE01 (pH) 7.87 (T) 12.1 °C Suds clearly present in
___ and dark green

up from pool
bottom again   KEbi B (elft) :30   (T) 12.3 °C   Cloudy quality there as
                                                              well.

up from pool
bottom again   KEbi B (elft) :30   (T) 12.3 °C   Cloudy quality there as
                                                              well.