Maple Avenue - October 2015

Section 1: Background Data

Subwatershed: SUGG	Outfall ID: PARK RITCHIE	Today's date: 10/23/15
Time (Military): 1248	Investigators: PoR	Photo #s:
Nearest Street Address: MAPLE AVE	Rainfall (in.): Last 24 hours: 3	Last 48 hours: 0

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

Known Industries: D'town T.P. 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: ____

Box: h - ____ w - ____

Elliptical: h - ____ w - ____

SUBMERGED

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

☐ 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
Ammonia (WC) (SA)	4.69 2.13	mg/L	LaMotte 1200

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: TURBIDITY
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

	T°C	pH	Cond (µS)	TDS (mg/L)	Sal (ppt)
NE	18.1	7.77	520	362	243
	13.4	7.72	597	446	284

SW 15.1 7.42 577 416 284