

Park Ritchie - March 2016

Section 1: Background Data

| | | |
|---|---|------------------------------|
| Subwatershed: <u>SLIGO CREEK</u> | Outfall ID: <u>PARK RITCHIE</u> | Today's date: <u>3/18/16</u> |
| Time (Military): <u>14⁰⁵</u> | Investigators: <u>PAE</u> | Photo #: |
| Nearest Street Address: <u>MAPLE AVE</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 type="checkbox"/> Residential <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Open Space <input checked="" type="checkbox"/> Institutional | | |
| Known Industries: <u>D'TOWN TP</u> 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: _____ | <input type="checkbox"/> 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 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If No, Skip to Section 5</i> Flow Description <input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial | | | | | |
| PARAMETER | RESULT | UNIT | EQUIPMENT | | |
| Ammonia | <u>NE</u> <u>SW</u> | <u>1.57</u> <u>1.11</u> | <u>LaMotte 1200</u> | | |

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) | | |
|---------------------------------------|--------------------------|--|--|---|--|
| | | | 1 | 2 | 3 |
| Odor | <input type="checkbox"/> | <input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other: _____ | <input 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 checked="" type="checkbox"/> Odors <input checked="" type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input checked="" type="checkbox"/> Other: <u>TURBID</u> |
| Pipe benthic growth | <input type="checkbox"/> | <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> 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

pH TPE Sal TDS Con
8.65 16.4 8.56 ppt 8.129 g/L 11.59 mg/L
9.63 16.4 4.64 ppt 5.83 g/L 8.33 mg/L

Boiled Cally NE SW

Deep Pool tracks / Gladins

Smells like marsh