

Outfall Reconnaissance Inventory for Volunteer Water Monitors

Section 1: Background Data

|   |   |                               |
|---|---|-------------------------------|
| Subwatershed: <u>BLIGO CREEK</u>  | Outfall ID: <u>SA10 + 11</u>                                    | Today's date: <u>11/15/12</u> |
| Time (Military): <u>0945</u>  | Investigators: <u>RJR</u>                                       | Photo #s:                     |
| Nearest Street Address:<br><u>BENNINGTON RD</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 type="checkbox"/> Institutional |   |                               |
| Known Industries: <u>RESTAURANTS</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 type="checkbox"/> RCP<br><input type="checkbox"/> Steel<br><input type="checkbox"/> CMP<br><input type="checkbox"/> PVC<br><input type="checkbox"/> HDPE | <input checked="" type="checkbox"/> Circular<br><input type="checkbox"/> Elliptical<br><input type="checkbox"/> Box<br><input type="checkbox"/> Other: _____ | <input type="checkbox"/> Single<br><input checked="" type="checkbox"/> Double<br><input type="checkbox"/> Triple<br><input type="checkbox"/> Other: _____ | Circular, diameter: <u>48"</u><br>Box: h - _____ w - _____<br>Elliptical: h - _____ w - _____ | In Water: <input checked="" type="checkbox"/> No<br><input type="checkbox"/> Partially<br><input type="checkbox"/> Fully<br>With Sediment: <input checked="" type="checkbox"/> No<br><input type="checkbox"/> Partially<br><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 checked="" type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial                       | <i>Slightly more than usual</i>   |   |
| PARAMETER   | RESULT  | UNIT   | EQUIPMENT   |   |   |
| Ammonia   | <u>0.17</u><br><u>0.14</u>  | mg/L   | <u>LaMotte 1200 Ammonia</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)                              |   |  |
|---------------------------------------|-------------------------------------|--|--|---|--|
| Odor                                  | <input type="checkbox"/>            | <input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/sour<br><input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Sulfide<br><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<br><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 checked="" type="checkbox"/> | <input type="checkbox"/> Sewage (Toilet Paper, etc.) <input checked="" type="checkbox"/> Suds<br><input type="checkbox"/> Petroleum (oil sheen)<br><input type="checkbox"/> Other:   | <input type="checkbox"/> 1 - Few/slight                    | <input checked="" 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>MAUVE/PURPLE</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

(L) at 7:31 T 12.8°C Steady flow of soap bubbles from right (westernmost) pipe

(R)

(A)

7/79

(T)

12.3 °C

(SA 11)

\* looking upstream