**Outfall Reconnaissance & Illicit Discharge Work Sheet**

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| **Site Information** | | |
| **Outfall ID:** | **Date:** | **Time:** |
| **Latitude (N):** | **Longitude (W):** | |
| **Investigators:** | | |
| **Dominant Watershed Land Use ( 1=Primary use, 2=Secondary use ):**  ** Suburban Residential  Industrial  Open Space  Urban Residential**  ** Commercial  Unknown  Other:** | | |
| **Receiving Stream:** | | |
| **Access Instructions:** | | |

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| **Outfall/Conveyance** | | |
| **Type** | **Material** | **Shape** |
| ** Closed Pipe  Box Culvert**  **Dimensions:** | ** Concrete  Poly**  ** Steel  Other** | ** Single  Double  Triple** |
| ** Open Channel**  **Width: Top\_\_\_\_\_\_ Bottom \_\_\_\_\_** | ** Earthen  Rip-rap**  ** Concrete** | ** Rectangle  Parabolic**  ** Trapezoid** |
| ** Manhole  Catch Basin  Natural Flowage/ Creek  Other:** | | |

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| **Flow Estimation** | | |
| **Flow Present:  Yes  No Standing Water Present:  Yes  No** | | |
| **Amount:  Trickle  Moderate  Substantial** | | **Estimated Flow:** |
| **Width At Water Surface:** | **Depth Of Water:** | |
| **Approximate Flow Velocity:** | **Calculated Flow Rate:** | |

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| **Environmental Conditions** |
| **Cloud Cover (%): Air Temp. (°C): Wind:** |
| **Last Rain Event:  <48 Hours  48 to 72 Hours  >72 Hours Amount:** |

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| **Analytical Results** | | | |
| **Samples Collected From:  Flow  Pool Date: Time: Initials:** | | | |
| **Parameter** | **Results** | **Parameter** | **Results** |
| **Water Temperature** | **°C** | **Color** | **Color Units** |
| **pH** | **s.u.** | **Copper** | **mg/l** |
| **Conductivity** | **µmhos/cm** | **Detergents** | **mg/l** |
| **Dissolved Oxygen** | **mg/l** | **Fluoride** | **mg/l** |
| **Dissolved Oxygen** | **% Sat.** | **Hardness** | **mg/l** |
| **Ammonia** | **mg/l** | **Phenols** | **mg/l** |
| **Chlorine** | **mg/l** | **Turbidity** | **NTU** |
| **Were Samples Collected For The Laboratory:  Yes  No** | | | |

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| **Outfall Physical Indicators (F=Flow, P=Pool)** | | | | |
| **Indicator** | **Description** | **Relative Severity** | | |
| **Odor** | ** None  Sewage  Rancid/sour  Oil/Gas**  ** Sulfide  Chlorine**  ** Solvents  Other** | ** Faint** | ** Easily Detected** | ** Noticeable from a distance** |
| **Color** | ** Clear  Gray**  ** Green  Red**  ** Brown  Yellow**  ** Orange  Other** | ** Faint Color In Sample Bottle** | ** Clearly Visible In Sample Bottle** | ** Clearly Visible In Outfall Flow** |
| **Particles** | ** None  Fine**  ** Medium  Large** | ** Slight** | ** Moderate** | ** Heavy** |
| **Floatables** | ** None  Sewage  Oil  Foam  Litter**  ** Other:** | ** Slight** | ** Moderate** | ** Heavy** |
| **Algae & Bacteria** | ** None  Green**  ** Brown  Orange** | ** Slight** | ** Moderate** | ** Excessive** |
| **Biology** | ** None  Insects  Mollusks  Amphibians  Reptiles  Fish**  ** Mosquito Larvae Comments:** | | | |
| **Outfall Damage** | ** Normal**  ** Apparent Damage** | **Describe:** | | |

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| **Illicit Discharge Concerns (Non-Stormwater Flow Indicators)** |
| ** Not Obvious  Possible Illicit Discharge  Obvious Illicit Discharge** |

**Comments:**

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