



**Boston Water and  
Sewer Commission**

**CITYWIDE ILLEGAL CONNECTION  
INVESTIGATION PROGRAM  
PHASE 3**

OUTFALL NO.: \_\_\_\_\_

FEATURE ID: \_\_\_\_\_

STREET LOCATION: \_\_\_\_\_

RECEIVING WATER: \_\_\_\_\_

**OUTFALL DRY WEATHER FIELD SCREENING PROGRAM  
VISUAL INSPECTION**

LOCATION TYPE: SDO \_\_\_\_\_ CSO \_\_\_\_\_

INSPECTION DATE / TIME: \_\_\_\_\_

INSPECTING COMPANY/INSPECTOR: \_\_\_\_\_ / \_\_\_\_\_

GPS COORDINATES: \_\_\_\_\_

OUTFALL SIGN: Yes No

TIDAL IMPACT: Yes No

IF YES, TIME OF CLOSEST LOW TIDE: \_\_\_\_\_ A.M. P.M.

OUTFALL LOCATED? Yes No

OUTFALL ACCESSIBLE? Yes No

OUTFALL SUBMERGED? Yes \_\_\_\_\_ (%) No

APPROX OUTFALL DIAMETER (ft): \_\_\_\_\_

SHAPE: Round Oval Square Other: \_\_\_\_\_

MATERIAL: Metal Concrete PVC Other: \_\_\_\_\_

CONDITION: Normal Cracking Corrosion Other: \_\_\_\_\_

IS GRATE PRESENT? Yes No

CONDITION OF GRATE: Good Fair Poor

PHOTO # / LOCATION: \_\_\_\_\_

If outfall not located, not accessible, or greater than 25% submerged, then select probable sampling location for screening and sampling (NOTE: Sampling for CSO outfalls must be conducted downstream of the regulator):

MANHOLE ID: \_\_\_\_\_ FEATURE ID: \_\_\_\_\_

COMMENTS: \_\_\_\_\_



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**CITYWIDE ILLEGAL CONNECTION  
INVESTIGATION PROGRAM  
PHASE 3**

OUTFALL/MH NO.: \_\_\_\_\_

FEATURE ID: \_\_\_\_\_

STREET LOCATION: \_\_\_\_\_

RECEIVING WATER: \_\_\_\_\_

**OUTFALL DRY WEATHER FIELD SCREENING PROGRAM  
SCREENING AND SAMPLING**

**GENERAL INFORMATION:**

LOCATION TYPE: SDO \_\_\_\_\_ CSO \_\_\_\_\_ INTERCONNECTION \_\_\_\_\_

IF INTERCONNECTION, RECORD GPS COORDINATES: \_\_\_\_\_

INSPECTION DATE / TIME: \_\_\_\_\_

INSPECTING COMPANY/INSPECTOR: \_\_\_\_\_ / \_\_\_\_\_

WEATHER: Cloudy Sunny

AIR TEMP: \_\_\_\_\_ °F

TIME SINCE LAST RAIN: >48 Hours <48 Hours

QUANTITY OF RAIN LAST 24 HRS: ≥0.1 Inch <0.1 Inch

IF TIDAL, TIME OF CLOSEST LOW TIDE: \_\_\_\_\_ A.M. P.M.

**VISUAL OBSERVATIONS AT OUTFALL:** (Not Applicable for interconnections)

IS THERE FLOW? Flow Standing Water Dry

IF FLOW, VELOCITY: None Trickle Moderate Heavy Submerged: \_\_\_\_\_ %

APPROX SEDIMENT DEPTH: \_\_\_\_\_ %

APPROX DEPTH WATER AND SEDIMENT: \_\_\_\_\_ %

ODOR: None Musty Sewage Rotten Eggs Sour Milk Other: \_\_\_\_\_

COLOR: Clear Red Yellow Orange Brown Blue Green Gray Other: \_\_\_\_\_

CLARITY: Clear Cloudy Opaque Suspended Solids

TURBIDITY: None Oily Sheen Garbage Sewage Paper Other: \_\_\_\_\_

DEPOSITS/STAINS: None Sediments Oil Other: \_\_\_\_\_

**SAMPLING LOCATION:** Outfall Manhole

*(Form Continues on Next Page)*

OUTFALL/MH NO.: \_\_\_\_\_ (Continued)

**IF SAMPLING LOCATION IS A MANHOLE:**

MANHOLE FACILITY ID: \_\_\_\_\_

MANHOLE FEATURE ID: \_\_\_\_\_

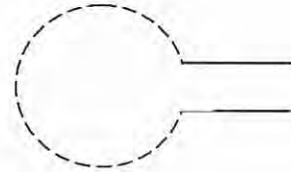
APPROX PIPE DIAMETER: \_\_\_\_\_ Inches

PIPE SHAPE: Round Oval Square Other: \_\_\_\_\_

PIPE MATERIAL: Metal Concrete PVC Other: \_\_\_\_\_

CONDITION: Normal Cracking Corrosion Other: \_\_\_\_\_

INCLUDE SKETCH:  
(include sampling location)



IS THERE FLOW? Yes No

APPROX FLOW VELOCITY: None Trickle Moderate Heavy Submerged: \_\_\_\_\_ %

APPROX SEDIMENT DEPTH: \_\_\_\_\_ %

APPROX DEPTH WATER AND SEDIMENT: \_\_\_\_\_ %

ODOR: None Musty Sewage Rotten Eggs Sour Milk Other: \_\_\_\_\_

COLOR: Clear Red Yellow Orange Brown Blue Green Gray Other: \_\_\_\_\_

CLARITY: Clear Cloudy Opaque Suspended Solids

TURBIDITY: None Oily Sheen Garbage Sewage Paper Other: \_\_\_\_\_

DEPOSITS/STAINS: None Sediments Oil Other: \_\_\_\_\_

**FIELD ANALYSIS INFORMATION:**

WERE SAMPLES COLLECTED? Yes No

IF NO, REASON: No Flow Insufficient Flow Standing Water Other: \_\_\_\_\_

RECORD FIELD SCREENING RESULTS:

Surfactants: \_\_\_\_\_ Ammonia: \_\_\_\_\_

pH: \_\_\_\_\_ Temperature: \_\_\_\_\_

Specific conductivity: \_\_\_\_\_ Salinity: \_\_\_\_\_

Total Residual Chlorine: \_\_\_\_\_

COMMENTS: \_\_\_\_\_