

Visual Monitoring of SW Discharges-SOP

For use at the Draper City Public Works Facility

1. PREPARATION:

- A. Know the past and present weather conditions. Conduct inspections quarterly during wet weather periods. If unable to perform inspections due to lack of wet weather, perform visual SW discharge inspections 4 times during the wet season.
- B. Gather all necessary equipment
 - I. Phone/tablet
 - II. Clean clear container
 - III. Visual Monitoring of SW Discharge inspection form for each inspection point
 - IV. Flashlight
 - V. Inlet/manhole puller.
 - I. Map showing discharge locations to be inspected.
 - II. IDDE-Tracing Illicit Discharge SOP
- C. Obtain prior inspection forms from previous inspections, so the outfall can be accurately identified and observations compared.

2. PROCESS:

- A. Document and evaluate the discharge by completing the following steps for each inspection point:
 - I. Open manhole or inlet.
 - II. Collect a discharge sample from each inspection point
 - III. Observe the Visual Quality of Storm Water Discharge according to the inspection form (At time of Sampling and After One hour of Settling)
 - a. If the flow does not appear to be an obvious illicit discharge then move to Part 4. Documentation.
 - b. If an illicit discharge (such as raw sewage, petroleum products, paint, etc.) is encountered or suspected, follow the procedure of SOP IDDE - Tracing Illicit Discharges.

CLEANUP:

- A. Notify department head(s) of illicit discharges to be addressed

3. DOCUMENTATION:

- A. File completed inspection form, photos.
- B. Compare observations to previous inspections.
- C. Update maps if new outfalls are observed and inspected.