

Monitoring Locations Inspection and Sampling Field Sheet

Section 1: Background Data

Subwatershed:	Monitoring Location ID:		
Today's date:	Time (Military):		
Investigators:	Form completed by:		
Temperature (°F):	Rainfall (in.):	Last 24 hours:	Last 48 hours:
Latitude:	Longitude:	GPS Unit:	GPS LMK #:
Camera:	Photo #: _____		
Land Use in Drainage Area (Check all that apply):			
Industrial	Open Space		
Ultra-Urban Residential	Institutional		
Suburban Residential	Other: _____		
Commercial	Known Industries: _____		
Notes (e.g., origin, if known):			

Section 2: Monitoring Location Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	RCP CMP	Circular Single	Diameter/Dimensions:	In Water: No Partially Fully With Sediment: No Partially Fully
	PVC HDPE	Elliptical Double		
	Steel	Box Triple		
	Other: _____	Other: _____		
Open drainage	Concrete	Trapezoid	Depth: _____	Hatched
	Earthen	Parabolic	Top Width: _____	
	Rip-Rap	Other: _____	Bottom Width: _____	
	Other: _____			
In-Stream	(applicable when collecting samples)			
Flow Present?	Yes	No	If No, Skip to Section 5	
Flow Description (If present)	Trickle	Moderate	Substantial	

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING MONITORING LOCATIONS				
PARAMETER		RESULT	UNIT	EQUIPMENT
Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
Flow #2	Flow depth		In	Tape measure
	Flow width		Ft, In	Tape measure
	Measured length		Ft, In	Tape measure
	Time of travel		S	Stopwatch
	Temperature		°F	Thermometer
pH		pH Units	Test strip/Probe	
Ammonia		mg/L	Test strip	
Total Chlorine		mg/L	Test strip	
Nitrate/Nitrite		mg/L	Test strip	
Phosphate		mg/L	Test strip	
Detergents		Visual	Black light; cotton pads	

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Section 4: Physical Indicators for Flowing Monitoring Locations 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		Sewage	Rancid/sour	Petroleum/gas		1 - Faint	2 – Easily detected	3 – Noticeable from a distance
		Sulfide	Other:					
Color		Clear	Brown	Gray	Yellow	1 – Faint colors in sample bottle	2 – Clearly visible in sample bottle	3 – Clearly visible in flow
		Green	Orange	Red	Other:			
Turbidity		See severity				1 – Slight cloudiness	2 - Cloudy	3 – Opaque
Floatables -Does Not Include Trash!!		Sewage (Toilet Paper, etc.)	Suds			1 – Few/slight; origin not obvious	2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g. obvious oil sheen, suds, or floating sanitary materials)
		Petroleum (oil sheen)	Other:					

Section 5: Physical Indicators for Both Flowing and Non-Flowing Monitoring Locations

Are physical indicators that are not related to flow present? Yes No (If No, Skip to Section 6)

INDICATOR	CHECK if Present	DESCRIPTION: Enter in Comments				COMMENTS
Monitoring Location Damage		Spalling, Cracking or Chipping Corrosion				
Deposits/Stains		Oily	Flow Line	Paint	Other:	
Abnormal Vegetation		Excessive	Inhibited			
Poor pool quality		Odors	Colors	Floatables	Oil Sheen	
		Suds	Excessive Algae		Other:	
Pipe benthic growth		Brown	Orange	Green	Other:	

Section 6: Overall Monitoring Location Characterization

Unlikely	Potential (presence of two or more indicators)	Suspect (one or more indicators with a severity of 3)	Obvious
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Section 7: Data Collection

1. Sample for the lab?	Yes	No	
2. If yes, collected from:	Flow	Pool	
3. Intermittent flow trap set?	Yes	No	If Yes, type:

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?