	Date: Lo	cation:	
1.	Define the monitoring objective: ☐ Regulatory compliance for TMDL or BMP effective ☐ Other:	ness	☐ Baseline data collection
2.	Pollutant(s) of concern: ☐ Physical ☐	Chemical	□ Biological
3.	Pollutant properties: □ Dissolved □	Particulate	
	☐ Moves through groundwater☐ Utilized by plants		☐ Moves through subsurface flows☐ Adsorb to soil particles
4.	Pollutant characteristics: Are there natural seasonal variate. Are concentrations affected by the Are concentrations affected by flower than the concentration of the concentrations affected by flower than the concentration of the conce	emperature?	ncern?
5.	Water flow:	☐ Intermittent	□ Ephemeral
6.	Pollutant enters the stream:	☐ Subsurface flow☐ Stream Channel	☐ Overland flow ☐ Other:
7.	The pollutant is transported during	ng: Base flow	☐ Snow melt ☐ Storm events
8.	The pollutant concerns are likely ☐ Spring ☐ Summer		ll that apply): ☐ Winter
9.	What BMP(s) will be implement	ed:	
10.	How long is expected before the ☐ Within 1 year ☐	BMP will become effecti 2 - 4 years	ve for the pollutant of concern: 5 or more years
11.	For what distance of stream is th ☐ Less than a mile downstream ☐ Up to 5 miles downstream of ☐ Greater than 5 miles downstr	of the BMP	Pective:

12.	Are there problems directly monitoring the pollutant of concern:				
	☐ Expensive ☐ Difficult (procedure) ☐ Other				
13.	Should a surrogate or related parameter be monitored: ☐ Yes ☐ No ☐ Maybe				
14.	Would the use of a model enhance the sampling approach: \square Yes \square No \square Maybe				
15.	Are there existing data for this sampling site or water quality concern: ☐ Federal (USGS, USFS, BLM, NRCS, USEPA) ☐ State (environmental quality) ☐ University (research and Extension) ☐ Local Government (County, City, Conservation District, Water Utility) ☐ Private or Other				
16.	 Which sampling design best fits the pollutant and project area: □ Upstream and downstream monitoring □ Reference site comparison (Before and after implementation – BACI) □ Downstream before and after monitoring □ Historic data comparison □ Monitoring site runoff 				
17.	7. Do sampling locations have any special challenges or constraints: □ Safe and legal access □ Nearby roads or hike-in only □ Time consuming to sample the site □ Bridge accessibility during high flows □ Access to electricity for equipment □ Canopy clearance for remote access to data				
18.	What type of samples will be collected (check all that apply): ☐ Water column: O grab sample of water column O integrated sample of water column				
	☐ Biological Monitoring: O macroinvertebrates O periphyton O fish				
	☐ Habitat Monitoring: O streambed properties O stream bank properties				
	O stream morphology O riparian conditions				
	☐ Monitoring outside the water body: ○ land use ○ TMDL/watershed management plan				

19.	How many samples should be taken and at what frequency: Samples a day / week / month / quarter / year (indicate # of samples and circle time frame				
20.	Are standardized methods be If not, define the method	-	s □ No ard methods are not being used:		
21.	Is a certified lab required for	analysis:	s □ No		
22.	Are there State credible data	requirements that must	be met: ☐ Yes ☐ No		
23.	. Should there be separation of duties between sample collection and analysis: \square Yes \square No				
24.	. If contracting with the lab, have the analytical methods been verified: \Box Yes \Box No				
25.	How will data be recorded: Field Data: Lab Data: Equipment Calibration/Maintenance:				
26.	Who will review the data for □ Sampler	errors:	☐ Independent third party		
27.	What type of data analysis w ☐ Trend Data ☐ Time Series	☐ Before & After	☐ Paired Watersheds		
28.	Will any statistical analysis b ☐ Descriptive & Summary ☐ Arithmetic Mean ☐ Median ☐ Measures of Varian	Statistics	O Geometric MeanO Distributions		
	□ Exploratory Data Analys○ Histograms○ Comparisons	is	O Time SeriesO Pie Charts		
	☐ Comparative Statistics☐ Correlations☐ Student T-tests		O Regressions O Other		

29.	What is the intended length of the sampling project:			
30.	. How often should the sampling objectives and sampling design be reviewed and updated:			
31.	Any additional information:			