

Company: SUE SCHAULS CONSULTING

Your PO #: _____

Send Report To: SUE SCHAULS

Invoice To: _____

Address: 2214 Regal Ave

Quote #: Stormwater

City/State/Zip Code: Waterloo, IA 50702

Project Name: _____

Telephone Number: _____ Cell: 319-290-7843

Email Address for Reports to be sent: schauls3@mchsi.com

Sampled By: (Print Name) _____ Project Number: _____

(Signature) _____ Project Manager: _____

Are these samples for NPDES Compliance? Yes No

Sample ID	Date Collected	Time Sampled	# of containers shipped	Grab	Composite	Preservative			Matrix			Analyze For:							Notes				
						H2SO4 Plastic (Yellow & White Label)	H2SO4 Glass (Yellow & White Label)	None (Black & White Label)	Stormwater							BOD	COD	Oil & Grease		pH	Phosphorus, Total	Total Suspended Solids	TKN
Composite			2		X		1	1		X						X	X			X	X	X	
Grab			4	X			1	2	1	X						X	X	X	X	X	X	X	
field pH : _____										NOTES:													
Relinquished by:	Date	Time	Received by:								Date	Time	Relinquished by:				Date	Time					
Received for TestAmerica by:	Date	Time	COC Seals Present and Intact? Yes No								Laboratory Comments:												
			Shipped via:																				

STEP FIVE:

Deliver or ship the collection kit to TestAmerica in CEDRA FALLS, IA using the included shipping label and prefilled CHAIN OF CUSTODY.

ADD ICE TO THE SAMPLE KIT IF IT WILL NOT BE DELIVERED THE SAME DAY

(An ice bag is included)

In about two weeks you will receive a laboratory report and a data interpretation from Sue.

1) A **grab sample** is a one-time sample that represents the discharge in the beginning of the rainfall event. The grab sample must be taken in the first hour of the discharge. The laboratory recommends taking a 3000 milliliters (ml) sample (about two quarts) to ensure enough water to perform all tests is available.

2) A time-weighted **composite sample** is taken at timed intervals in equal amounts. The composite sample is taken as a combination of (at least three) small samples (called aliquots) taken throughout the duration of the discharge (for at least three hours), with each small sample being separated by at least 15 minutes. The laboratory recommends taking 300-1000 ml at each sample so that the total amount of the composite sample is 3000 ml (about two quarts) to ensure enough water to perform all tests is available.



Both sets of samples, the grab and the composite, must be tested for five parameters:

- five day biochemical oxygen demand (BOD);
- chemical oxygen demand (COD);
- total suspended solids (TSS);
- total Kjeldahl nitrogen (TKN);
- total phosphorus;

The grab sample must be tested for two additional parameters:

- ✓ oil and grease;
- ✓ pH;

The Sample Collection Kit will include:

2 Large Amber Glass - Sulfuric Acid (H₂SO₄) Preserved

for Oil & Grease GRAB sample

2 Quart Plastic - NO TREATMENT

One each for BOD & TSS Composite & BOD, TSS & pH Grab samples

2 Quart Plastic - Sulfuric Acid (H₂SO₄) Preserved

One each for COD, TKN, PO₄ Composite & COD, TKN, PO₄ Grab samples

Automotive salvage yards have particular concerns for adding pollutant to storm water runoff due to the sheer number of vehicles present in a yard at any given time. Effective pollution prevention of these storm water pollutants is accomplished through choosing the most applicable Best Management Practice (BMP) as identified in the Storm Water Pollution Prevention Plan (SWPPP) developed as part of the storm water permit requirements.