

Mill Creek Restoration Project Water Monitoring Equipment - School Request List

Item	Supplier	Order #	Description	Cost	Quantity Needed	Quantity Requested
Chemical Test Kits						
Nitrate Kit	LaMotte	3354		43.15		
reagent #1	LaMotte	2799-H	50/box	7.30		
reagent #2	LaMotte	NN-3703-H	50/box	8.90		
Octa-slide viewer	LaMotte	1100	black box for octa-slide		1	
Octa-slide	LaMotte	3494	0-15 ppm Nitrate-Nitrogen		1	
Test Tubes	LaMotte	0106	plastic w/caps		1	
Turbidity Kit	LaMotte	7519		45.95	1	
standard reagent	LaMotte	7520-H	60ml	8.25	1	
standard reagent	LaMotte	752-L	refill bottle 500ml	29.00		
Turbidity Columns	LaMotte	835	2 plastic		2	
Test Tube Brush	LaMotte	0513	long brush		1	
Pipet for reagent	LaMotte	0369	0.5 ml, plastic w/cap	2.15	1	
Stirring Rod	LaMotte	1114	plastic stirring rod		1	
or Turbidity Tube	LaMotte	0166	Turbidity Tube not available			
Water Sampler	LaMotte	3-0026	for bridge sites	116.75	1	
2 lb weight	LaMotte	1068	for water sampler	13.00	1	
rope	Walmart etc.		to lower sampler	4.00	2	
Thermometer	Safety First	1066	non mercury/Celsius	16.34	1	
Dissolved Oxygen Kit	Hach	1469-00		49.50	1	
DO reagents set	Hach	24398-02	1, 2 & 3 powder packets	45.55	1	
Sodium Thiosulfate	Hach	24089-32	100ml bottle w/dropper	9.70	1	
DO Bottle	Hach	1909-00	60ml w/stopper	12.70	3	
Square mixing bottle	Hach	439-06	square bottle		1	
Measuring Tube	Hach	438-00	5.83 ml		1	
Clippers	Hach	968-00	to open powder packets		1	
stopper only	Hach	1909-01		5.05		
acrylic stopper	Hach	1909-03		5.05		
pH kit	Hach	1470-06	5.5-8.5	54.60	1	
Bromthymol Blue	Hach	255-32	100ml w/dropper	10.00	1	
Bromthymol Blue Color Disc	Hach	1411-00	5.5-8.5 color wheel	50.00	1	
Color Comparator	Hach	1732-00	Black box for color wheel		1	
Viewing tube	Hach	46600	plastic w/frosted center		2	
Stopper	Hach	46600-14	black plastic stopper (4)	5.45	2	
Buffer solution	Hach	12222-11	phosphate type pH 7.0			
Ortho-Metaphosphate kit PO4	Hach	2248-00	PO-19	69.30	1	
PhosVer 3 Reagent	Hach	2209-99	powder packets		1	
mixing bottle	Hach	2327-06	square marked bottle		1	
Color Comparator	Hach	1732-00	Black box for color wheel		1	
Phosphate Color Disc	Hach	24898-00	0-50 mg/l		1	
Viewing tube	Hach	1730-06	glass tube (6)	12.05	2	
Deionized water	Hach	272-42	for cleaning	5.30	1	
long path viewing adapter	Hach	24122-00	w/mirror	5.65	1	
Total Phosphate Kit	Hach	2250-01	For lab use only	124.95		
reagent refills	Hach	2449-32	Sulfuric Acid	7.65		
Deionized water	Hach	272-42	Deionized water	4.75		
Sodium Hydroxide	Hach	2450-32	Sodium Hydroxide	7.75		
PhosVer 3 Reagent	Hach	2125-99	PhosVer 3	21.05		
Persulfate	Hach	2451-99	Persulfate	17.80		
HCL 1 N	Hach	23213-53	for rinsing glassware	9.50		
Fecal Coliform Testing						
Coliscan Easygel						
gel w/pretreated petri dishes	Micrology Labs			1.75	3	
Whirl-pak bags	Micrology Labs		to collect sample water	0.14	3	
disposable droppers	Micrology Labs		3ml	0.14	3	
Blue Ice	Safety First		for transporting fecal easygel	1.81	1	
Playmate Cooler	Walmart etc.		for transporting fecal easygel	5.00	1	
Sampling Equipment						
Rubber Boots	Safety First	#86206 w/o steel	1 each size 7, 9, 11, 13	9.95	3-4	
Extension poles w/ buckets	MSD	set of 3 w/hook	donated by MSD	0.00	1 set	
Hand Lens	LaMotte	31461	magnifying lens for macros	0.85		
1 liter collection bottles	Safety First	#606215 32 oz	for sample and waste	2.25	6	

Mill Creek Restoration Project Water Monitoring Equipment - School Request List - pg. 2

Item	Supplier	Order #	Description	Cost	Quantity Needed	Quantity Requested
Biological Equipment						
Nitrile gloves (long green)	Hach	24101-02-06	macroinvertebrate testing	5.00	3 pairs	
Kick seine net only 1/16"	Nichols 618-797-0211		macroinvertebrate testing	23.45	1	
Kick seine net & kit	Ottawa River		macroinvertebrate testing	50.00		
Poles for net	MSD	2 poles for net	donated by MSD	0.00	1 set	
Health & Safety						
First Aid Kit	Safety First	SWI 34-P25EF		13.25	1	
Swift Eyewash	Safety First	4 oz.	eyewash bottle	2.09	1	
Tecnu Poison Ivy Cleanser	Walmart etc.				1	
Caldryl Poison Ivy Lotion	Walmart etc.				1	
Orange Igloo Cooler	Safety First	RBM 5 Gallon	for hand washing	28.08	1	
Dial hand soap	Safety First	BX000626	16 oz./12 per case	24.50	1	
Paper Towels	Sam's Club			0.73	2	
disposable latex gloves	Safety First	#322	100/box sm, med & lg	2.98	2	
Purell hand cleanser	Safety First			6.00	1	
Other Equipment						
Distilled water	Walmart etc.		1 gallon for washing equipmer	0.98	1	
Squirt bottles for rinsing	Hach	62011		4.25	5	
Field Manual for Water Monitoring	GREEN/Earthfor	3-1508	paper back book	27.95	1	
Trash Bags	Sam's Club				2	
Rubbermaid Tub	Walmart etc.		for equipment	15.00	1	
Indelible marker	Sam's Club		to label equipment and fecal test		1	
MCRP School Manual	MCRP website		black binder		1	
Data Sheets	MCRP website				1 set	
GREEN Standard WQM Kit						
Coliform Bacteria	LaMotte	5848	For use by 6th grade classes	179.00	1	
Dissolved Oxygen & BOD	LaMotte	5850	individual kit	70.50		
Nitrate	LaMotte	5889	individual kit	23.70		
pH	LaMotte	5891	individual kit	18.85		
Phosphate	LaMotte	5890	individual kit	16.00		
Turbidity	LaMotte	5892	individual kit	16.10		
	LaMotte	5887	individual kit	23.70		

Equipment Provided by School

heating plate (for total phosphate test)
 gas outlets (for total solids and total phosphate tests)
 beaker for (total solids)
 balance (measures 4 decimal places for total solids)
 sinks (for washing equipment)
 glassware racks (for drying equipment)
 yardstick (to measure stream depth)
 unscented bleach (15% solution for lab clean up after fecal coliform test)
 refrigeration (for coliscan easygel)
 safety goggles
 aluminum foil (to cover BOD bottles)
 stop watch, tape measure, oranges (for velocity test - optional)

School Name:

Teacher:

Date:

Fax to 731-8404