

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		50.00		1
reagent #1	LaMotte	2799-H	50/box	8.90	20 tabs	
reagent #2	LaMotte	NN-3703-H	50/box	10.40	20 tabs	
Octa-slide viewer	LaMotte	1100	black box for octa-slide	12.20		1
Octa-slide	LaMotte	3494	0-15 ppm Nitrate-Nitrogen	16.40		1
Test Tubes	LaMotte	0106	plastic w/caps	2.75		2
Turbidity Kit	LaMotte	7519		58.00		1
standard reagent	LaMotte	7520-H	60ml	10.00		1
standard reagent	LaMotte	752-L	refill bottle 500ml	33.65		
Turbidity Columns	LaMotte	835	2 plastic	17.00		2
Test Tube Brush	LaMotte	0513	long brush	2.45		1
Pipet for reagent	LaMotte	0369	0.5 ml, plastic w/cap	2.60		1
Stirring Rod	LaMotte	1114	plastic stirring rod	2.55		1
or Turbidity Tube	LaMotte	0166	Turbidity Tube not available			
Water Sampler	LaMotte	3-0026	for bridge sites	168.55		1
2 lb weight	LaMotte	1068	for water sampler	17.50		1
rope	Walmart etc.		to lower sampler	4.00		1
Thermometer	Safety First	1066	non mercury/Celsius	24.93		1
Dissolved Oxygen Kit	Hach	1469-00		54.05		1
DO reagents set	Hach	24398-02	1, 2 & 3 powder packets	59.89	20-30 each	
Sodium Thiosulfate	Hach	24089-32	100ml bottle w/dropper	11.79		1
DO Bottle	Hach	1909-00	60ml w/stopper	19.29		2
Square mixing bottle	Hach	439-06	square bottle	7.39		1
Measuring Tube	Hach	438-00	5.83 ml	1.85		1
Clippers	Hach	968-00	to open powder packets	3.49		1
stopper only	Hach	1909-01		5.95		
acrylic stopper	Hach	1909-03		5.05		
pH kit	Hach	1470-06	5.5-8.5	65.59		1
Bromthymol Blue	Hach	255-32	100ml w/dropper	12.09		1
Bromthymol Blue Color Disc	Hach	1411-00	5.5-8.5 color wheel	63.19		1
Color Comparator	Hach	1732-00	Black box for color wheel	8.79		1
Viewing tube	Hach	46600	plastic w/frosted center	11.89		2
Stopper	Hach	46600-14	black plastic stopper (4)	7.49		2
Buffer solution	Hach	12222-11	phosphate type pH 7.0			
Ortho-Metaphosphate kit PO4	Hach	2248-00	PO-19	77.79		1
PhosVer 3 Reagent	Hach	2209-99	5ml powder packets	20.49		1
mixing bottle	Hach	2327-06	square marked bottle	12.59		1
Color Comparator	Hach	1732-00	Black box for color wheel	8.79		1
Phosphate Color Disc	Hach	24898-00	0-50 mg/l	39.29		1
Viewing tube	Hach	1730-06	glass tube (6)	16.75		2
Deionized water	Hach	272-42	for cleaning	6.49		1
long path viewing adapter	Hach	24122-00	w/mirror	7.79		1
Total Phosphate Kit	Hach	2250-01	For lab use only	139.00		
reagent refills	Hach	2449-32	Sulfuric Acid	9.69		
Deionized water	Hach	272-42	Deionized water	6.49		
Sodium Hydroxide	Hach	2450-32	Sodium Hydroxide	11.19		
PhosVer 3 Reagent	Hach	2125-99	25ml PhosVer 3	29.49		
Persulfate	Hach	2451-99	Persulfate	23.69		
HCL 1 N	Hach	23213-53	for rinsing glassware	14.69		
Fecal Coliform Testing						
Coliscan Easygel						
gel w/pretreated petri dishes	Micrology Labs		19.65/per 10	20.00		
Whirl-pak bags	Micrology Labs		to collect sample water	0.17		
disposable droppers	Micrology Labs		3ml	0.16		
Blue Ice	Safety First		for transporting fecal easygel	1.81		1
Playmate Cooler	Walmart etc.		for transporting fecal easygel	8.00		1
Sampling Equipment						
Rubber Boots	Safety First	#86206 w/o steel	sizes 4, 5, 6, 7, 9, 11, 13	14.58		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
1 liter collection bottles	Safety First	#301605-0032	for sample and waste	2.25		4

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Biological Equipment						
Nitrile gloves (long green)	Safety First	24101-02-06	macroinvertebrate testing S-X	6.88	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		5.69	2	
Field Manual for Water Monitoring	GREEN/Earthfor	3-1508	paper back book	38.50	1	
Trash Bags	Sam's Club				3	
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			
Data Sheets	MCRP website					
GREEN Standard WQM Kit						
Coliform Bacteria	LaMotte	5848	For use by 6th grade classes	208.00		
Dissolved Oxygen & BOD	LaMotte	5850	individual kit	85.00		
Nitrate	LaMotte	5889	individual kit	29.00		
pH	LaMotte	5891	individual kit	24.00		
Phosphate	LaMotte	5890	individual kit	20.00		
Turbidity	LaMotte	5892	individual kit	21.00		
	LaMotte	5887	individual kit	29.00		

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