

STORMWATER TREATMENT DESIGN CHALLENGE

Parts List and Cost Analysis Worksheet

Item	Cost per Item (\$)	Quantity Needed	Cost Subtotal
Plastic soda bottle (any size)	0.05		
Plastic tubing (1/4" diameter)	0.50/ft		
Plastic tubing (1/2" diameter)	0.80/ft		
Plastic tubing connector straight (1/4" diameter)	1.80		
Plastic tubing connector straight (1/2" diameter)	1.80		
Plastic tubing connector –T (1/4" diameter)	1.00		
Plastic tubing connector –Y (1/4" diameter)			
Duct tape	1.00		
Sand	Free		
Stopper	0.15		
Absorbent materials	See Instructor		
Other:*			
TOTAL COST			\$

*Students may use materials other than those listed above. New materials must be assessed at full replacement cost. Used materials must be assessed at half the replacement cost. Students are responsible for documenting replacement cost.