

**INFILTRATION BASIN
COST ESTIMATE WORKSHEET
2005 Prices**

Project Title _____
Owner _____
Location _____
Project Number _____
Date _____

Description	Units	Quantity	Unit Cost	Total Estimated Price	
Site Preparation					
Tree removal - up to 12" diameter	each	.....	\$350.00	\$0.00
Clear and grub brush	square yard	.....	\$1.50	\$0.00
Tree protection - temp. fence	lineal foot	.....	\$3.00	\$0.00
Infiltration area protection - silt fence	lineal foot	.....	\$2.00	\$0.00
Topsoil - 6" depth, salvage on site	square yard	.....	\$4.50	\$0.00
Site Formation					
Excavation - 6' depth	square yard	.....	\$8.00	\$0.00
Grading	square yard	.....	\$1.50	\$0.00
Hauling off-site - 6' depth	square yard	.....	\$10.00	\$0.00
Structural Components					
Inlet structure	each	.....	\$1,500.00	\$0.00
Multi-stage outlet structure	each	.....	\$2,500.00	\$0.00
Site Restoration					
Sod filter strip	lineal foot	.....	\$1.50	\$0.00
Soil preparation	square yard	.....	\$5.00	\$0.00
Seeding	square yard	.....	\$0.50	\$0.00
Planting - below outlet elevation	square yard	.....	\$30.00	\$0.00
Mulch	square yard	.....	\$2.00	\$0.00
				Subtotal	\$0.00
				10% Contingencies	\$0.00
				Subtotal	\$0.00
				Apply MN Location Factor	
TOTAL CONSTRUCTION COST					\$0.00

Annual Operation and Maintenance					
Replace planting media	square yard	.....	\$12.00	\$0.00
Debris removal	per visit	.....	\$50.00	\$0.00
Mow filter strips	per visit	.....	\$50.00	\$0.00
Sediment removal	per year	.....	\$500.00	\$0.00
Replace plants	per plant	.....	\$5.00	\$0.00
Erosion repair	square yard	.....	\$75.00	\$0.00
Gate / valve operation	per visit	.....	\$125.00	\$0.00
Inspection	per visit	.....	\$125.00	\$0.00
				Subtotal	\$0.00
				Apply MN Location Factor	
TOTAL ANNUAL O&M COST					\$0.00

Minnesota Location Factors	
Bemidji	0.963
Brainerd	1.003
Detroit Lakes	0.962
Duluth	0.991
Mankato	0.990
Minneapolis	1.035
Rochester	0.983
St. Paul	1.000
St. Cloud	1.002
Thief River Falls	1.042
Willmar	0.961
Windom	0.935

Note: Suggested unit costs are based on RSMeans prices for Spring, 2005, then factored into an area basis based on typical design features for Infiltration Basin BMPs. To be used for preliminary cost estimation.