

Erosion and Sediment Control Escrow/Security Calculation for The City of Fort Collins

Project: Harmony & Strauss Cabin Convenience Shopping Center Subdivision, Filing No. 1

Disturbed Acres: 11.00

BMP Amount				
EROSION CONTROL BMPs	Units	Estimated Quantity	Unit Price	Total Price
Wattle Dike	L.F.	2725	\$4.00	\$10,900.00
Gravel Check Dam (GCD)	Each	8	\$400.00	\$3,200.00
Curb Inlet Protection (CIP)	Each	11	\$180.00	\$1,980.00
Drop Inlet Protection (DIP)	Each	2	\$180.00	\$360.00
Inlet Grate Bag (IGB)	Each	4	\$80.00	\$320.00
Vehicle Tracking Control (VTC)	Each	1	\$1,200.00	\$1,200.00
Turf Reinforcing Mat (TRF)	S.Y.	320	\$6.00	\$1,920.00
Silt Fence (SF)	L.F.	4200	\$0.95	\$3,990.00
Construction Fence (CF)	L.F.	2700	\$4.00	\$10,800.00
Concrete Washout Area (CWA)	Each	1	\$660.00	\$660.00
Sub-Total:				\$35,330.00
1.5 x Sub-Total:				\$52,995.00
Amount of security:				\$52,995.00

Reseeding Amount				
Unit Price of Seeding per acre:	Acres	11	\$300.00	\$3,300.00
Mobilization	Each	1	\$800.00	\$800.00
Sub-Total:				\$4,100.00
1.5 x Sub-Total:				\$6,150.00
Amount to Re-seed:				\$6,150.00

Minimum Escrow Amount	
Minimum escrow amount:	\$3,000.00

Final Escrow Amount	
Erosion Control Escrow:	\$52,995.00

“The amount of the security must be based on one and one-half times the estimate of the cost to install the approved measures, or one and one-half times the cost to re-vegetate the disturbed land to dry land grasses based upon unit cost determined by the City's Annual Revegetation and Stabilization Bid, whichever is greater. In no instance, will the amount of security be less than one thousand five hundred dollars (\$1,500) for residential development or three thousand dollars (\$3,000) for commercial development”