

APPENDIX A

Erosion and Sediment Control BMP Unit Cost Rate Schedule

**Example of an Erosion Control BMP Rate Schedule  
(Use Rate Schedule from Contract Document)**

| <b>Group No.</b>   | <b>Erosion Control Device</b>  | <b>Value in Units for Each</b> |
|--|--|--------------------------------|
| SS-1 Scheduling  | Scheduling   | 42/each/hour                   |
| SS-2 Preservation of Existing Vegetation                         | Preservation of Existing Vegetation 10 m (33 ft)                         | 43/each                        |
| SS-3 Hydraulic Mulch   | Hydraulic Mulch 100 m <sup>2</sup> (1076 ft <sup>2</sup> )               | 17/each                        |
| SS-4 Temporary Seeding   | Temporary Seeding 100 m <sup>2</sup> (1076 ft <sup>2</sup> )             | 846/each                       |
| SS-5 Soil Binder   | Soil Binder 100 m <sup>2</sup> (1076 ft <sup>2</sup> )                   | 840/each                       |
| SS-6 Straw Mulch   | Straw Mulch 100 m <sup>2</sup> (1076 ft <sup>2</sup> )                   | 67/each                        |
| SS-7 Geotextiles, Plastic Covers & Erosion Control Blankets/Mats | Geotextiles 100 m <sup>2</sup> (1076 ft <sup>2</sup> )                   | 263/each                       |
|  | Plastic Cover 100 m <sup>2</sup> (1076 ft <sup>2</sup> )                 | 160/each                       |
|  | Erosion Control Blankets/Mats 100 m <sup>2</sup> (1076 ft <sup>2</sup> ) | 3283/each                      |
| SS-8 Wood Mulch  | Wood Mulch 100 m <sup>2</sup> (1076 ft <sup>2</sup> )                    | 407/each                       |
| SS-9 Earth Dikes/Drainage Swales & Lined Ditches                 | Earth Dikes 10 m (33 ft)   | 250/each                       |
|  | Earth Drainage Swales 10 m (33 ft)                                       | 250/each                       |
|  | Lined Trapezoidal Ditch 10 m (33 ft)                                     | 2157/each                      |
| SS-10 Outlet Protection/Velocity Dissipation Devices             | Outlet Protection/Velocity Dissipation Devices                           | 557/each                       |
| SS-11 Slope Drains   | Pipe Slope Drains  | 1377/each                      |
|  | Riprap Slope Drains  | 997/each                       |
|  | Ditch Lined Slope Drain  | 1247/each                      |

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|------------------------------------|---|--------------------------------|
| SS-12 Slope Roughening             | Slope Roughening 100 m <sup>2</sup> (1076 ft <sup>2</sup> ) | 228/each                       |
| SS-13 Graded Terraces              | Graded Terraces 10 m (33 ft)                                | 150/each                       |
| SS-14 Vegetated Buffer             | Vegetated Buffer 10 m (33 ft)                               | 43/each                        |
| SS-15 Erosion Seeding              | Erosion Seeding 100 m <sup>2</sup> (1076 ft <sup>2</sup> )  | 264/each                       |
| SC-1 Silt Fence                    | Silt Fence 10 m (33 ft)                                     | 81/each                        |
| SC-2 Desilting Basin               | Desilting Basin – Outlet Type 1                             | 6674/each                      |
|                                    | Desilting Basin – Outlet Type 2                             | 6411/each                      |
|                                    | Desilting Basin – Outlet Type 3                             | 6674/each                      |
| SC-3 Sediment Trap                 | Sediment Trap w/ Spillway Type Outfall                      | 3200/each                      |
|                                    | Sediment Trap w/ Riser Pipe Type Outfall                    | 3911/each                      |
| SC-4 Check Dams                    | Check Dams 4 m <sup>3</sup> (5 yd <sup>3</sup> )            | 596/each                       |
| SC-5 Fiber Rolls                   | Fiber Rolls 10 m (33 ft)                                    | 102/each                       |
| SC-6 Gravel Bag Berms              | Gravel Bag Berm 100 bags                                    | 490/each                       |
| SC-7 Street Sweeping and Vacuuming | Street Sweeping and Vacuuming                               | 104/each/hour                  |
| SC-8 Sandbag Barrier               | Sandbag Barrier 100 bags                                    | 490/each                       |
| SC-9 Straw Bale Barriers           | Straw bale Barriers 10 m (33 ft)                            | 242/each                       |

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|---------------------------------------|---|--------------------------------|
| SC-10 Storm Drain Inlet Protection    | Silt Fence Barrier                        | 566/each                       |
|                                       | Straw Bale Barrier                        | 643/each                       |
|                                       | Sandbag Barrier                           | 1139/each                      |
|                                       | Gravel Check Dam Barrier                  | 1147/each                      |
| SC-11 Dugout Ditch Basin              | Dugout Ditch Basin 10 m (33 ft)           | 169/each                       |
| SN-1 Snow Management                  | Snow Management                           | 182/each/hour                  |
| SN-2 Snow Accumulation Management     | Snow Accumulation Management 10 m (33 ft) | 122/each                       |
| SN-3 Freeze Reduction                 | Freeze Reduction                          | 767/each                       |
| TC-1 Stabilized Construction Entrance | Stabilized Construction Entrance          | 2209/each                      |
| TC-2 Stabilized Construction Roadway  | Stabilized Construction Roadway           | 1014/each                      |
| TC-3 Entrance/Outlet Tire Wash        | Entrance/Outlet Tire Wash                 | 3676/each                      |
| NS-1 Water Conservation Practices     | Water Conservation Practices              | 35/each/hour                   |
| NS-2 Dewatering Operations            | Dewatering Operations                     | 4971/each                      |
| NS-3 Pavement and Grinding Operations | Pavement and Grinding Operations          | 35/each/hour                   |
| NS-4 Temporary Stream Crossing        | Bridge Crossing                           | 48655/each                     |
|                                       | Culvert Crossing                          | 18818/each                     |
|                                       | Ford Crossing                             | 14038/each                     |
| NS-5 Clear Water Diversion            | Clear Water Diversion                     | 35/each/hour                   |

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|------------------|---|--------------------------------|
| NS-6             | Illicit Connection/Illicit Discharge Detection and Reporting<br>Illicit Connection/Illicit Discharge<br>Detection & Reporting | 35/each/hour                   |
| NS-7             | Potable Water/Irrigation<br>Potable Water/Irrigation  | 35/each/hour                   |
| NS-8             | Vehicle and Equipment Cleaning<br>Vehicle and Equipment Cleaning  | 35/each/hour                   |
| NS-9             | Vehicle and Equipment Fueling<br>Vehicle and Equipment Fueling  | 35/each/hour                   |
| NS-10            | Vehicle and Equipment Maintenance<br>Vehicle and Equipment Maintenance  | 35/each/hour                   |
| WE-1             | Wind Erosion Control<br>Wind Erosion Control  | 70/each/hour                   |
| WM-1             | Material Delivery and Storage<br>Material Delivery and Storage  | 35/each/hour                   |
| WM-2             | Material Use<br>Material Use  | 88/each/hour                   |
| WM-3             | Stockpile Management<br>Stockpile Management  | 35/each/hour                   |
| WM-4             | Spill Protection and Control<br>Spill Protection and Control  | 35/each/hour                   |
| WM-5             | Solid Waste Management<br>Solid Waste Management  | 35/each/hour                   |
| WM-6             | Hazardous Waste Management<br>Hazardous Waste Management  | 35/ each/hour                  |
| WM-7             | Contaminated Soil Management<br>Contaminated Soils Management   | 35/each/hour                   |
| WM-8             | Concrete Waste Management<br>Concrete Waste Management  | 35/each/hour                   |

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|------------------|--|--------------------------------|
| WM-9             | Sanitary/Septic Waste Management<br>Sanitary/Septic Waste Management | 35/each/hour                   |
| WM-10            | Liquid Waste Management<br>Liquid Waste Management                   | 35/each/hour                   |