Appendix E —  Construction Site Sediment Transport Potential Worksheet

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Table E.1: Construction Site Sediment Transport Potential Worksheet

|  |  |
| --- | --- |
| A. Existing Slope of Site (average, weighted by aerial extent) | Points |
| 2% or less | 0 |
| >2–5% | 5 |
| >5–10% | 15 |
| >10–15% | 30 |
| >15% | 50 |
| B. Site Area to be Cleared and/or Graded |
| <5,000 square feet (sf) | 0 |
| 5,000 sf–1 acre | 30 |
| >1 acre | 50 |
| C. Quantity of Cut and/or Fill on Site |
| <500 cubic yards | 0 |
| 500–5,000 cubic yards | 5 |
| >5,000–10,000 cubic yards | 10 |
| >10,000–20,000 cubic yards | 25 |
| >20,000 cubic yards | 40 |
| D. Runoff Potential of Predominant Soils (Natural Resources Conservation Service) |
| Hydrologic soil group A | 0 |
| Hydrologic soil group B | 10 |
| Hydrologic soil group C | 20 |
| Hydrologic soil group D | 40 |
| E. Erosion Potential of Predominant Soils (Unified Classification System) |
| GW, GP, SW, SP soils | 0 |
| Dual classifications (GW-GM, GP-GM, GW-GC, GP-GC, SW-SM, SW-SC, SP-SM, SP‑SC) | 10 |
| GM, GC, SM, SC soils | 20 |
| ML, CL, MH, CH soils | 40 |

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