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| **Four-Day Blue Book Workshop – Days 3 and 4** | | |
| **Day** | **Theme** | **Topics Covered** |
| 3 | Sediment basins | * Designing sediment basins in accordance with the Blue Book using computer tools and spreadsheets. * Detailed overview of sediment basin design, management and maintenance in accordance with the Blue Book. |
| Diversion and catch drains/berms | * Rational method for calculating flow volumes in temporary diversion and catch drains/berms. * Manning’s equation for flow depth and velocity. * Understanding how to line a temporary structure for stability under flow conditions. |
| Practice examples (group work) | * Constrained sites (e.g. rail or pipelining) – planning for erosion and sediment control when the typical measures won’t fit. |
| 4 | Practice examples (group work) | * Group exercises to prepare major erosion and sediment control strategies on larger sites including commercial developments, subdivisions, and road upgrades. * Use of computer tools for erosion and sediment control design. * Reviewing large-scale plans prepared by others. |
| Site inspection and maintenance | * Critical success factors for effective site management. * Developing a site inspection, monitoring and maintenance strategy. * Regulation and compliance – understanding the onsite application of legislation. |