**DIVERSION INFORMATION & DESIGN DATA SHEET** (DVD-034D) – (Items #11.1 & 11.2)

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| APPLICANT |  | Application/Permit No. |  |

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| --- | --- | --- | --- | --- | --- |
| Diversion No. | Length | Designed Storm Event | Type of Channel | Designed Velocity | Erosion Control Measures |
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| **DIVERSION DESIGN COMPUTATION SHEET**  DIVERSION NUMBER: **DD**- | | | | | | |
| Station to Station |  |  |  |  |  |  |
| Temporary (**T**) or Permanent (**P**) |  |  |  |  |  |  |
| Design Storm (yr. - hr.) |  |  |  |  |  |  |
| Drainage Area (acres) |  |  |  |  |  |  |
| Disturbed Area (acres) |  |  |  |  |  |  |
| Design Flow (cfs) |  |  |  |  |  |  |
| Grade (%) |  |  |  |  |  |  |
| Bottom (ft.) |  |  |  |  |  |  |
| Side Slopes (H:V) |  |  |  |  |  |  |
| Required Depth (ft.) |  |  |  |  |  |  |
| Design Velocity (fps) |  |  |  |  |  |  |
| Freeboard(ft.)1 |  |  |  |  |  |  |
| Design Depth (ft.)2 |  |  |  |  |  |  |
| Erosion Protection |  |  |  |  |  |  |

1. Freeboard = 0.025VD1/3 (0.3ft. minimum)
2. Round off to next higher 0.5 ft. increment (1.0 ft. minimum)

DVD-034D

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