

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

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|-----------|--|------------------------|--|
| APPLICANT | | Application/Permit No. | |
|-----------|--|------------------------|--|

| 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-**

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|---------------------------------|--|--|--|--|--|--|
| 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 = $0.025VD^{1/3}$ (0.3ft. minimum)

² Round off to next higher 0.5 ft. increment (1.0 ft. minimum)