

CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

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| STATE | New Hampshire | FIELD OFFICE | All | DATE | July 2002 |
| PRACTICE: 659 Wetland Enhancement | | | NOTES: | | |
| RESOURCE: SOIL | | | | | |
| RESOURCE CONCERN: EROSION | | | | | |
| RESOURCE INDICATORS | | | PHYSICAL EFFECTS | | |
| SHEET AND RILL | | | insignificant | | |
| WIND | | | N/A | | |
| EPHEMERAL GULLY | | | insignificant | | |
| CLASSIC GULLY | | | N/A | | |
| STREAMBANK | | | N/A | | |
| IRRIGATION INDUCED | | | N/A | | |
| SOIL MASS MOVEMENT | | | N/A | | |
| ROADBANK/CONSTRUCTION | | | N/A | | |
| OTHER | | | | | |
| RESOURCE CONCERN: SOIL CONDITION | | | | | |
| SOIL TILTH | | | N/A | | |
| SOIL COMPACTION | | | N/A | | |
| SOIL CONTAMINATION | | | | | |
| • SALTS | | | N/A | | |
| • ORGANICS | | | N/A | | |
| • FERTILIZERS | | | N/A | | |
| • PESTICIDES | | | N/A | | |
| • OTHER | | | | | |
| DEPOSITION/DAMAGE | | | | | |
| • ONSITE | | | slight reduction /onsite deposition damage | | |
| • OFFSITE | | | slight decrease/offsite deposition damage | | |
| DEPOSITION/SAFETY | | | | | |
| • ONSITE | | | slightly improve onsite safety/deposition | | |
| • OFFSITE | | | slightly improve offsite safety hazard/deposition | | |
| OTHER | | | | | |
| RESOURCE: WATER | | | | | |
| RESOURCE CONCERN: WATER QUANTITY | | | | | |
| SEEPS | | | slight increase in seepage hazard | | |
| RUNOFF/FLOODING | | | moder. decrease in runoff/flooding | | |
| EXCESS SUBSURFACE WATER | | | moderate increase in excess subsurface water | | |
| INADEQUATE OUTLETS | | | N/A | | |
| WATER MGT. IRRIGATION | | | | | |
| • SURFACE | | | N/A | | |
| • SPRINKLER | | | N/A | | |
| WATER MGT. NON-IRRIGATED | | | N/A | | |
| RESTRICTED FLOW CAPACITY (H2O convey.) | | | | | |
| • ONSITE | | | significant retardance of onsite drainage | | |
| • OFFSITE | | | N/A | | |
| RESTRICTED STORAGE | | | sign. reduction in sedimentation of H2O storage | | |

| RESOURCE: WATER | |
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| RESOURCE CONCERN: WATER QUALITY | |
| RESOURCE | PHYSICAL EFFECTS |
| GROUNDWATER CONTAMINANTS | |
| • PESTICIDES | slight potential increase/GWater contam./pesticide |
| • NUTRIENTS AND ORGANICS | slight poten. increase in GWater contam./nutr,org. |
| • SALINITY | slight poten. increase/GWater contam./salinity |
| • HEAVY METALS | slight poten. increase/GWater contam./heavy metal |
| • PATHOGENS | slight poten. increase/GWater contam./pathegens |
| • OTHER | |
| SURFACE WATER CONTAMINANTS | |
| • PESTICIDES | slight reduction in SWater contam./pesticides |
| • NUTRIENTS AND ORGANICS | slight reduction in SWater contam./nutr.,organics |
| • SUSPENDED SEDIMENTS | sign. reduction in SWater contam./susp. sedi. |
| • LOW DISSOLVED OXYGEN | slight reduction in SWater contam./low oxygen |
| • SALINITY | sign. reduction in SWater contam./salinity |
| • HEAVY METALS | slight reduction in SWater contam./heavy metals |
| • WATER TEMPERATURE | situational concerning SWater contam./H2O temp. |
| • PATHOGENS | slight decrease in SWater contam./pathegens |
| AQUATIC HABITAT SUITABILITY | significant improvement in Aqua. Hab. Suit. |
| OTHER | |
| RESOURCE: AIR | |
| RESOURCE CONCERN: AIR QUALITY | |
| AIRBORNE SEDIMENT AND SMOKE PARTICLES | |
| • ONSITE SAFETY | N/A |
| • OFFSITE SAFETY | N/A |
| • ONSITE STRUCT. PROBLEMS | N/A |
| • OFFSITE STRUCT. PROBLEMS | N/A |
| • ONSITE HEALTH | N/A |
| • OFFSITE HEALTH | N/A |
| AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS | N/A |
| AIRBORNE CHEMICAL DRIFT | N/A |
| AIRBORNE ODORS | N/A |
| FUNGI, MOLDS, AND POLLEN | N/A |
| OTHER | |
| RESOURCE CONCERN: AIR CONDITION | |
| AIR TEMPERATURE | N/A |
| AIR MOVEMENT (windbreak effect) | N/A |
| HUMIDITY | N/A |
| OTHER | |

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| RESOURCE: HUMAN | |
| RESOURCE CONCERN: SOCIAL CONSIDERATIONS | |
| RESOURCE INDICATORS | PHYSICAL EFFECTS |
| PUBLIC HEALTH AND SAFETY | sign. improvement in public health safety |
| PRIVATE/PUBLIC VALUES | sign. improvement in private/public values |
| CLIENT CHARACTERISTICS | N/A |
| RISK TOLERANCE | moderate risk involved |
| TENURE | N/A |
| OTHER | |
| RESOURCE CONCERN: CULTURAL CONSIDERATIONS | |
| ABSENCE/PRESENCE OF CULTURAL RESOURCES | situational regarding cultural resources |
| SIGNIFICANCE OF CULTURAL RESOURCES | situational regarding cultural resources |
| MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS | situational regarding cultural resources |
| OTHER | |
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