

## CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

NOTE: recorded in Microsoft word 6.0 - use tabs to change cells/fields

STATE	Vermont	FIELD OFFICE	All Offices	DATE	6/4/02
<b>PRACTICE: 382 Fence</b>			NOTES:		
<b>RESOURCE: SOIL</b> <b>RESOURCE CONCERN: EROSION</b>			<b>Help Message: Click on form field for choice lists. Tab key to move around. "N/A" is the default.</b>		
<b>RESOURCE INDICATORS</b>			<b>PHYSICAL EFFECTS</b>		
SHEET AND RILL			moderate reduction in sheet and rill erosion		
WIND			moderate reduction in wind erosion		
EPHEMERAL GULLY			moderate reduction in ephemeral gully erosion		
CLASSIC GULLY			moderate reduction in classic gully erosion		
STREAMBANK			moderate reduction in streambank erosion		
IRRIGATION INDUCED			N/A		
SOIL MASS MOVEMENT			insignificant		
ROADBANK/CONSTRUCTION			moderate decrease in roadbank construction erosion		
OTHER					
<b>RESOURCE CONCERN: SOIL CONDITION</b>					
SOIL TILTH			moderate improvement in tilth		
SOIL COMPACTION			insignificant		
SOIL CONTAMINATION					
• SALTS			N/A		
• ORGANICS			insignificant		
• FERTILIZERS			insignificant		
• PESTICIDES			insignificant		
• OTHER					
DEPOSITION/DAMAGE					
• ONSITE			variable depending on use of fence		
• OFFSITE			variable depending on use of fence		
DEPOSITION/SAFETY					
• ONSITE			variable depending on use of fence		
• OFFSITE			variable depending on use of fence		
OTHER					
<b>RESOURCE: WATER</b> <b>RESOURCE CONCERN: WATER QUANTITY</b>					
SEEPS			N/A		
RUNOFF/FLOODING			insignificant		
EXCESS SUBSURFACE WATER			N/A		
INADEQUATE OUTLETS			slight improvement in H2O outlet concern		
WATER MGT. IRRIGATION					
• SURFACE			N/A		
• SPRINKLER			N/A		
WATER MGT. NON-IRRIGATED			N/A		
RESTRICTED FLOW CAPACITY (H2O convey.)					
• ONSITE			N/A		
• OFFSITE			N/A		
RESTRICTED STORAGE			moderate reduction in sedimentation of H2O storage		
OTHER					

**RESOURCE: WATER**  
**RESOURCE CONCERN: WATER QUALITY**

<b>RESOURCE INDICATORS</b>	<b>PHYSICAL EFFECTS</b>
<b>GROUNDWATER CONTAMINANTS</b>	
• PESTICIDES	insignificant
• NUTRIENTS AND ORGANICS	insignificant
• SALINITY	N/A
• HEAVY METALS	insignificant
• PATHOGENS	insignificant
• OTHER	
<b>SURFACE WATER CONTAMINANTS</b>	
• PESTICIDES	insignificant
• NUTRIENTS AND ORGANICS	moderate reduction in SWater contam./nutri.,organ.
• SUSPENDED SEDIMENTS	moderate reduction in SWater contam./susp. sedi.
• LOW DISSOLVED OXYGEN	moderate reduction in SWater contam./low oxygen
• SALINITY	insignificant
• HEAVY METALS	insignificant
• WATER TEMPERATURE	insignificant
• PATHOGENS	moderate reduction in pathogens
<b>AQUATIC HABITAT SUITABILITY</b>	moderate improvement in Aqua. Hab. Suit.
<b>OTHER</b>	

**RESOURCE: AIR**  
**RESOURCE CONCERN: AIR QUALITY**

<b>AIRBORNE SEDIMENT AND SMOKE PARTICLES</b>	
• ONSITE SAFETY	insignificant
• OFFSITE SAFETY	insignificant
• ONSITE STRUCT. PROBLEMS	insignificant
• OFFSITE STRUCT. PROBLEMS	insignificant
• ONSITE HEALTH	insignificant
• OFFSITE HEALTH	insignificant
<b>AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS</b>	insignificant
<b>AIRBORNE CHEMICAL DRIFT</b>	insignificant
<b>AIRBORNE ODORS</b>	insignificant
<b>FUNGI, MOLDS, AND POLLEN</b>	insignificant
<b>OTHER</b>	

**RESOURCE CONCERN: AIR CONDITION**

<b>AIR TEMPERATURE</b>	insignificant
<b>AIR MOVEMENT (windbreak effect)</b>	insignificant
<b>HUMIDITY</b>	insignificant
<b>OTHER</b>	



<b>RESOURCE: HUMAN</b>	
<b>RESOURCE CONCERN: SOCIAL CONSIDERATIONS</b>	
<b>RESOURCE INDICATORS</b>	<b>PHYSICAL EFFECTS</b>
PUBLIC HEALTH AND SAFETY	slight benefit public H + S
PRIVATE/PUBLIC VALUES	slight benefit public values
CLIENT CHARACTERISTICS	N/A
RISK TOLERANCE	N/A
TENURE	N/A
OTHER	
<b>RESOURCE CONCERN: CULTURAL CONSIDERATIONS</b>	
ABSENCE/PRESENCE OF CULTURAL RESOURCES	CRS determines presence/sensitivity of CR sites
SIGNIFICANCE OF CULTURAL RESOURCES	CRS evaluates significance of identified CR(s)
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	CRS develops ways to reduc/elimin. neg. impacts
OTHER	