

## 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: 362 DIVERSION</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			slight reduction in sheet and rill erosion		
WIND			insignificant		
EPHEMERAL GULLY			moderate reduction in ephemeral gully erosion		
CLASSIC GULLY			moderate reduction in classic gully erosion		
STREAMBANK			slight reduction in streambank erosion		
IRRIGATION INDUCED			insignificant		
SOIL MASS MOVEMENT			moderate reduction in mass movement of soil		
ROADBANK/CONSTRUCTION			moderate decrease in roadbank construction erosion		
OTHER					
<b>RESOURCE CONCERN: SOIL CONDITION</b>					
SOIL TILTH			insignificant		
SOIL COMPACTION			insignificant		
SOIL CONTAMINATION					
• SALTS			insignificant		
• ORGANICS			slight decrease in organic contaminates		
• FERTILIZERS			slight reduction in contamination from fertilizer		
• PESTICIDES			slight reduction in pesticide contam./soil		
• OTHER					
DEPOSITION/DAMAGE					
• ONSITE			moderate reduction/onsite deposition damage		
• OFFSITE			moderate decrease/offsite deposition damage		
DEPOSITION/SAFETY					
• ONSITE			moderate improvement onsite safety/deposition		
• OFFSITE			moderate improvement offsite safety hazard/depos.		
OTHER					
<b>RESOURCE: WATER</b> <b>RESOURCE CONCERN: WATER QUANTITY</b>					
SEEPS			moderate reduction in seepage hazard		
RUNOFF/FLOODING			sign. decrease in runoff/flooding		
EXCESS SUBSURFACE WATER			insignificant		
INADEQUATE OUTLETS			moderate increase in H2O outlet concern		
WATER MGT. IRRIGATION					
• SURFACE			situational concerning IWM, surface		
• SPRINKLER			slight improvement in irrigation efficiency		
WATER MGT. NON-IRRIGATED			moderate improvement in moisture use and mgmt		
RESTRICTED FLOW CAPACITY (H2O convey.)					
• ONSITE			moderate improvement in onsite drainage		
• OFFSITE			moderate improvement in offsite drainage		
RESTRICTED STORAGE			moderate reduction in sedimentation of H2O stroage		
OTHER					

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

<b>RESOURCE INDICATORS</b>	<b>PHYSICAL EFFECTS</b>
<b>GROUNDWATER CONTAMINANTS</b>	
• PESTICIDES	slight potential increase/GWater contam./pesticide
• NUTRIENTS AND ORGANICS	slight poten. increase in GWater contam./nutr.,organ.
• SALINITY	negligible
• HEAVY METALS	insignificant
• PATHOGENS	insignificant
• OTHER	
<b>SURFACE WATER CONTAMINANTS</b>	
• PESTICIDES	slight reduction in SWater contam./pesticides
• NUTRIENTS AND ORGANICS	moderate reduction in SWater contam./nutri.,organ.
• SUSPENDED SEDIMENTS	slight reduction in SWater contam./susp. sedi.
• LOW DISSOLVED OXYGEN	moderate reduction in SWater contam./low oxygen
• SALINITY	insignificant
• HEAVY METALS	moderate reduction in SWater contam./heavy metals
• WATER TEMPERATURE	insignificant
• PATHOGENS	slight decrease in SWater contam./pathegens
<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>	N/A
<b>AIRBORNE CHEMICAL DRIFT</b>	N/A
<b>AIRBORNE ODORS</b>	N/A
<b>FUNGI, MOLDS, AND POLLEN</b>	N/A
<b>OTHER</b>	

**RESOURCE CONCERN: AIR CONDITION**

<b>AIR TEMPERATURE</b>	N/A
<b>AIR MOVEMENT (windbreak effect)</b>	N/A
<b>HUMIDITY</b>	N/A
<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	mod. improvement in public health safety
PRIVATE/PUBLIC VALUES	N/A
CLIENT CHARACTERISTICS	N/A
RISK TOLERANCE	N/A
TENURE	N/A
OTHER	
<b>RESOURCE CONCERN: CULTURAL CONSIDERATIONS</b>	
ABSENCE/PRESENCE OF CULTURAL RESOURCES	dependent upon CR Review inventory
SIGNIFICANCE OF CULTURAL RESOURCES	N/A
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	N/A
OTHER	