

## CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

STATE	New Hampshire	FIELD OFFICE	All	DATE	July 2002
<b>PRACTICE: 344 Residue Management Seasonal</b>			NOTES:		
<b>RESOURCE: SOIL</b>					
<b>RESOURCE CONCERN: EROSION</b>					
<b>RESOURCE INDICATORS</b>			<b>PHYSICAL EFFECTS</b>		
SHEET AND RILL			significant reduction in sheet and rill erosion		
WIND			significant reduction in wind erosion		
EPHEMERAL GULLY			slight reduction in ephemeral gully erosion		
CLASSIC GULLY			insignificant		
STREAMBANK			insignificant		
IRRIGATION INDUCED			significant reduction in irrigation induced erosio		
SOIL MASS MOVEMENT			insignificant		
ROADBANK/CONSTRUCTION			N/A		
OTHER					
<b>RESOURCE CONCERN: SOIL CONDITION</b>					
SOIL TILTH			moderate improvement in tilth		
SOIL COMPACTION			moderate reduction in soil compaction		
SOIL CONTAMINATION					
• SALTS			insignificant		
• ORGANICS			insignificant		
FERTILIZERS			insignificant		
• PESTICIDES			insignificant		
• OTHER					
DEPOSITION/DAMAGE					
• ONSITE			moderate reduction/onsite deposition damage		
• OFFSITE			moderate decrease/offsite deposition damage		
DEPOSITION/SAFETY					
• ONSITE			moderately improve onsite safety/deposition		
• OFFSITE			moderately improve offsite safety hazard/depos.		
OTHER					
<b>RESOURCE: WATER</b>					
<b>RESOURCE CONCERN: WATER QUANTITY</b>					
SEEPS			insignificant		
RUNOFF/FLOODING			slight decrease in runoff/flooding		
EXCESS SUBSURFACE WATER			insignificant		
INADEQUATE OUTLETS			slight improvement in H2O outlet concern		
WATER MGT. IRRIGATION					
• SURFACE			slight improvement in irrigation efficiency		
• SPRINKLER			significant improvement in irrigation efficiency		
WATER MGT. NON-IRRIGATED			moderate improvement in moisture use		
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**

**RESOURCE**

**PHYSICAL EFFECTS**

GROUNDWATER CONTAMINANTS

- PESTICIDES N/A
- NUTRIENTS AND ORGANICS N/A
- SALINITY N/A
- HEAVY METALS N/A
- PATHOGENS N/A
- OTHER

SURFACE WATER CONTAMINANTS

- PESTICIDES N/A
- NUTRIENTS AND ORGANICS N/A
- SUSPENDED SEDIMENTS N/A
- LOW DISSOLVED OXYGEN N/A
- SALINITY N/A
- HEAVY METALS N/A
- WATER TEMPERATURE N/A
- PATHOGENS N/A

AQUATIC HABITAT SUITABILITY N/A

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



<b>RESOURCE: HUMAN</b>	
<b>RESOURCE CONCERN: SOCIAL CONSIDERATIONS</b>	
<b>RESOURCE INDICATORS</b>	<b>PHYSICAL EFFECTS</b>
PUBLIC HEALTH AND SAFETY	N/A
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	N/A
SIGNIFICANCE OF CULTURAL RESOURCES	N/A
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	N/A
OTHER	