

CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET					
STATE	New Hampshire	FIELD OFFICE	All	DATE	July 2002
PRACTICE: 324 Deep Tillage			NOTES:		
RESOURCE: SOIL					
RESOURCE CONCERN: EROSION					
RESOURCE INDICATORS			PHYSICAL EFFECTS		
SHEET AND RILL			insignificant		
WIND			insignificant		
EPHEMERAL GULLY			insignificant		
CLASSIC GULLY			insignificant		
STREAMBANK			insignificant		
IRRIGATION INDUCED			N/A		
SOIL MASS MOVEMENT			N/A		
ROADBANK/CONSTRUCTION			N/A		
OTHER					
RESOURCE CONCERN: SOIL CONDITION					
SOIL TILTH			significant improvement in soil tilth		
SOIL COMPACTION			significant reduction in soil compaction		
SOIL CONTAMINATION					
• SALTS			N/A		
• ORGANICS			insignificant		
FERTILIZERS			slight increase in contamination from fertilizer		
• PESTICIDES			insignificant		
• OTHER					
DEPOSITION/DAMAGE					
• ONSITE			insignificant		
• OFFSITE			N/A		
DEPOSITION/SAFETY					
• ONSITE			N/A		
• OFFSITE			N/A		
OTHER					
RESOURCE: WATER					
RESOURCE CONCERN: WATER QUANTITY					
SEEPS			insignificant		
RUNOFF/FLOODING			slight decrease in runoff/flooding		
EXCESS SUBSURFACE WATER			slight increase in excess subsurface water		
INADEQUATE OUTLETS			insignificant		
WATER MGT. IRRIGATION					
• SURFACE			insignificant		
• SPRINKLER			slight improvement in irrigation efficiency		
WATER MGT. NON-IRRIGATED			moderate improvement in moisture use		
RESTRICTED FLOW CAPACITY (H2O convey.)					
• ONSITE			insignificant		
• OFFSITE			insignificant		
RESTRICTED STORAGE			insignificant		
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

RESOURCE: HUMAN	
RESOURCE CONCERN: SOCIAL CONSIDERATIONS	
RESOURCE INDICATORS	PHYSICAL EFFECTS
PUBLIC HEALTH AND SAFETY	N/A
PRIVATE/PUBLIC VALUES	N/A
CLIENT CHARACTERISTICS	N/A
RISK TOLERANCE	N/A
TENURE	N/A
OTHER	
RESOURCE CONCERN: CULTURAL CONSIDERATIONS	
ABSENCE/PRESENCE OF CULTURAL RESOURCES	N/A
SIGNIFICANCE OF CULTURAL RESOURCES	N/A
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	N/A
OTHER	