

CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

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

STATE	MA	FIELD OFFICE	All	DATE	7/30/02
PRACTICE: 380 Windbreak/shelterbelt Establishment			NOTES:		
RESOURCE: SOIL					
RESOURCE CONCERN: EROSION					
RESOURCE INDICATORS			PHYSICAL EFFECTS		
SHEET AND RILL			insignificant		
WIND			significant reduction in wind erosion		
EPHEMERAL GULLY			insignificant		
CLASSIC GULLY			insignificant		
STREAMBANK			insignificant		
IRRIGATION INDUCED			insignificant		
SOIL MASS MOVEMENT			insignificant		
ROADBANK/CONSTRUCTION			N/A		
OTHER					
RESOURCE CONCERN: SOIL CONDITION					
SOIL TILTH			insignificant		
SOIL COMPACTION			insignificant		
SOIL CONTAMINATION					
• SALTS			N/A		
• ORGANICS			N/A		
• FERTILIZERS			N/A		
• PESTICIDES			N/A		
• OTHER					
DEPOSITION/DAMAGE					
• ONSITE			N/A		
• OFFSITE			N/A		
DEPOSITION/SAFETY					
• ONSITE			N/A		
• OFFSITE			N/A		
OTHER					
RESOURCE: WATER					
RESOURCE CONCERN: WATER QUANTITY					
SEEPS			insignificant		
RUNOFF/FLOODING			insignificant		
EXCESS SUBSURFACE WATER			insignificant		
INADEQUATE OUTLETS			insignificant		
WATER MGT. IRRIGATION					
• SURFACE			slight improvement in irrigation efficiency		
• SPRINKLER			moderate improvement in irrigation efficiency		
WATER MGT. NON-IRRIGATED			moderate improvement in moisture use		
RESTRICTED FLOW CAPACITY (H20 convey.)					
• ONSITE			N/A		
• OFFSITE			N/A		
RESTRICTED STORAGE			insignificant		
OTHER					

RESOURCE: **WATER**

RESOURCE CONCERN: **WATER QUALITY**

RESOURCE INDICATORS

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	