

CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

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

STATE	RI	FIELD OFFICE	DATE	06/2002
PRACTICE: 356 Dikes			NOTES:	
RESOURCE: SOIL			Help Message: Click on form field for choice lists. Tab key to move around. "N/A" is the default.	
RESOURCE CONCERN: EROSION				
RESOURCE INDICATORS			PHYSICAL EFFECTS	
SHEET AND RILL			insignificant	
WIND			insignificant	
EPHEMERAL GULLY			moderate reduction in ephemeral gully erosion	
CLASSIC GULLY			moderate reduction in classic gully erosion	
STREAMBANK			situational concerning streambank erosion	
IRRIGATION INDUCED			N/A	
SOIL MASS MOVEMENT			N/A	
ROADBANK/CONSTRUCTION			N/A	
OTHER				
RESOURCE CONCERN: SOIL CONDITION				
SOIL TILTH			N/A	
SOIL COMPACTION			N/A	
SOIL CONTAMINATION				
• SALTS			N/A	
• ORGANICS			N/A	
• FERTILIZERS			N/A	
• PESTICIDES			N/A	
• 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				
RESOURCE: WATER				
RESOURCE CONCERN: WATER QUANTITY				
SEEPS			moderate increase in seepage hazard	
RUNOFF/FLOODING			moder. decrease in runoff/flooding	
EXCESS SUBSURFACE WATER			moderate increase in excess subsurface water	
INADEQUATE OUTLETS			significant increase 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			moderate improvement in onsite drainage	
• OFFSITE			moderate improvement in offsite drainage	
RESTRICTED STORAGE			sign. reduction in sedimentation of H2O storage	

RESOURCE: WATER	
RESOURCE CONCERN: WATER QUALITY	
RESOURCE INDICATORS	PHYSICAL EFFECTS
GROUNDWATER CONTAMINANTS	
• PESTICIDES	slight reduction GWater contam./pesticides
• NUTRIENTS AND ORGANICS	slight poten. decrease/GWater contam./nutr.organ.
• SALINITY	insignificant
• HEAVY METALS	insignificant
• PATHOGENS	slight poten. decrease/GWater contam./pathegens
• OTHER	
SURFACE WATER CONTAMINANTS	
• PESTICIDES	slight reduction in SWater contam./pesticides
• NUTRIENTS AND ORGANICS	slight reduction in SWater contam./nutr.,organics
• SUSPENDED SEDIMENTS	moderate reduction in SWater contam./susp. sedi.
• LOW DESOLVED OXYGEN	slight reduction in SWater contam./low oxygen
• SALINITY	slight reduction in SWater contam./salinity
• HEAVY METALS	slight reduction in SWater contam./heavy metals
• WATER TEMPERATURE	slight reduction in SWater contam./H20 temp.
• PATHOGENS	N/A
AQUATIC HABITAT SUITABILITY	moderate inprovement in Aqua. Hab. Suit.
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	sign. improvement in public health safety
PRIVATE/PUBLIC VALUES	sign. improvement in private/public values
CLIENT CHARACTERISTICS	N/A
RISK TOLERANCE	situational regarding risk
TENURE	N/A
OTHER	
RESOURCE CONCERN: CULTURAL CONSIDERATIONS	
ABSENCE/PRESENCE OF CULTURAL RESOURCES	situational regarding cultural resources
SIGNIFICANCE OF CULTURAL RESOURCES	situational regarding cultural resources
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	situational regarding cultural resources
OTHER	