

CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

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

STATE	ANY	FIELD OFFICE	ANY	DATE	5/15/97
PRACTICE: 554 - Drainage Water Management			NOTES:		
RESOURCE: SOIL			Help Message: Click on form field for choice lists. Refer to Microsoft Word Users Guide (Creating a form)		
RESOURCE CONCERN: EROSION					
RESOURCE INDICATORS			PHYSICAL EFFECTS		
SHEET AND RILL			moderate reduction in sheet and rill erosion		
WIND			moderate reduction in wind erosion		
EPHEMERAL GULLY			insignificant		
CLASSIC GULLY			situational concerning classic gullies		
STREAMBANK			N/A		
IRRIGATION INDUCED			significant reduction in irrigation induced erosio		
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			significant reduction in soil salinity		
• ORGANICS			situational concerning organic contaminates/soil		
• FERTILIZERS			situational concerning soil contam./fertilizer		
• PESTICIDES			situational concerning soil contam./pesticides		
• OTHER					
DEPOSITION/DAMAGE					
• ONSITE			insignificant		
• OFFSITE			insignificant		
DEPOSITION/SAFETY					
• ONSITE			insignificant		
• OFFSITE			insignificant		
OTHER					
RESOURCE: WATER					
RESOURCE CONCERN: WATER QUANTITY					
SEEPS			significant reduction in seepage hazard		
RUNOFF/FLOODING			moder. decrease in runoff/flooding		
EXCESS SUBSURFACE WATER			significant reduction in excess subsurface water		
INADEQUATE OUTLETS			significant improvement in H2O outlet concern		
WATER MGT. IRRIGATION					
• SURFACE			N/A		
• SPRINKLER			N/A		
WATER MGT. NON-IRRIGATED			significant improvement in moisture use		
RESTRICTED FLOW CAPACITY (H2O convey.)					
• ONSITE			significant improvement in onsite drainage		
• OFFSITE			significant improvement in offsite drainage		
RESTRICTED STORAGE			moderate reduction in sedimentation of H2O stroage		

RESOURCE: WATER	
RESOURCE CONCERN: WATER QUALITY	
RESOURCE INDICATORS	PHYSICAL EFFECTS
GROUNDWATER CONTAMINANTS	
• PESTICIDES	slight poten reduction GWater contam./pesticides
• NUTRIENTS AND ORGANICS	slight poten. decrease/GWater contam./nutr,organ.
• SALINITY	slight poten.decrease/GWater contam./salinity
• HEAVY METALS	slight poten. decrease/GWater contam./heavy metal
• 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	sign. reduction in SWater contam./susp. sedi.
• LOW DISSOLVED OXYGEN	insignificant
• SALINITY	insignificant
• HEAVY METALS	insignificant
• WATER TEMPERATURE	moderate reduction in SWater contam./H20 temp.
• PATHOGENS	insignificant
AQUATIC HABITAT SUITABILITY	significant improvement in Aqua. Hab. Suit.
OTHER	
RESOURCE: AIR	
RESOURCE CONCERN: AIR QUALITY	
AIRBORNE SEDIMENT AND SMOKE PARTICLES	
• ONSITE SAFETY	sign. decrease in airborn sed.smoke part./safety
• OFFSITE SAFETY	sign. decrease in airborn sed.smoke part./safety
• ONSITE STRUCT. PROBLEMS	sign. decrease in struc. problems/dust and smoke
• OFFSITE STRUCT. PROBLEMS	sign. decrease in struc. problems/dust and smoke
• ONSITE HEALTH	sign. decrease in onsite health prob./dustsmoke
• OFFSITE HEALTH	sign. improvement in offlsite health
AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS	sign. decrease in airborn sediment/convey. prob.
AIRBORNE CHEMICAL DRIFT	N/A
AIRBORNE ODORS	N/A
FUNGI, MOLDS, AND POLLEN	N/A
OTHER	
RESOURCE CONCERN: AIR CONDITION	
AIR TEMPERATURE	insignificant
AIR MOVEMENT (windbreak effect)	insignificant
HUMIDITY	insignificant
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	insignificant risk involved
TENURE	N/A
OTHER	
RESOURCE CONCERN: CULTURAL CONSIDERATIONS	
ABSENCE/PRESENCE OF CULTURAL RESOURCES	sign. less protection of cultural resources
SIGNIFICANCE OF CULTURAL RESOURCES	situational regarding cultural resources
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	situational regarding cultural resources
OTHER	