

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
472-Access Control (ac)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(4)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(3)	Inadequate Space(2)	Inadequate Food(2)	Inadequate Cover/Shelter(3)	Imbalance Among and Within Populations(3)	Habitat Fragmentation(4)		
	Plant Condition	Threatened or Endangered Plant Species: Declining Species, Species of Concern(2)	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA(3)	Productivity, Health and Vigor(3)	Noxious and Invasive Plants(1)					
	Soil Condition	Damage from Sediment Deposition(1)	Contaminants - Animal Waste and Other Organics - Nitrogen(2)	Compaction(3)						
	Soil Erosion	Streambank(3)	Shoreline(3)	Road, road sides and Construction Sites(2)	Classic Gully(2)					
	Water Quality	Harmful Temperatures of Surface Water(1)	Harmful Levels of Pathogens in Surface Water(4)	Excessive Suspended Sediment and Turbidity in Surface Water(4)	Excessive Nutrients and Organics in Surface Water(4)					
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)							

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560-Access Road (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	Inadequate Space(-1)	Imbalance Among and Within Populations(-1)	Habitat Fragmentation(-2)						
	Plant Condition	Wildfire Hazard(4)	Noxious and Invasive Plants(-1)							
	Soil Condition	Compaction(-1)								
	Soil Erosion	Streambank(3)	Road, road sides and Construction Sites(2)							
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(1)								
	Water Quantity	Inadequate Outlets(1)	Excessive Runoff, Flooding, or Ponding(1)							

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309-Agrichemical Handling Facility (no)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition									
	Soil Condition	Contaminants - Residual Pesticides(5)	Contaminants - Commercial Fertilizer - Nitrogen(5)							
	Soil Erosion									
	Water Quality	Harmful Levels of Pesticides in Surface Water(5)	Harmful Levels of Pesticides in Ground Water(4)	Excessive Nutrients and Organics in Surface Water(5)	Excessive Nutrients and Organics in Groundwater(5)					
	Water Quantity									

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366-Anaerobic Digester, Controlled Temperature (no)	Air Quality	Objectionable Odors(3)	NH3 - Ammonia(3)	Excessive Greenhouse Gas – N2O - nitrous oxide(3)	Excessive Greenhouse Gas – CO2 - carbon dioxide (3)	Excessive Greenhouse Gas – CH4 - methane(3)				
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition									
	Soil Condition									
	Soil Erosion									
	Water Quality	Harmful Levels of Pathogens in Surface Water(3)	Harmful Levels of Pathogens in Groundwater(2)	Excessive Nutrients and Organics in Surface Water(3)	Excessive Nutrients and Organics in Groundwater(2)					
	Water Quantity									

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575-Animal Trails and Walkways (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	Inadequate Space(-1)	Habitat Fragmentation(-1)							
	Plant Condition	Noxious and Invasive Plants(-1)								
	Soil Condition									
	Soil Erosion	Streambank(3)	Road, road sides and Construction Sites(2)							
	Water Quality	Harmful Levels of Pathogens in Surface Water(2)	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)						
	Water Quantity									

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370-Atmospheric Resource Quality Management (ac)	Air Quality	Undesirable Air Movement(4)	Reduced Visibility(3)	Objectionable Odors(3)	NH3 - Ammonia(3)	Excessive Ozone (2)	Excessive Greenhouse Gas – N2O - nitrous oxide(3)	Excessive Greenhouse Gas – CO2 - carbon dioxide (4)	Excessive Greenhouse Gas – CH4 - methane(3)	Chemical Drift(3)
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Wildfire Hazard(3)								
	Soil Condition	Organic Matter Depletion(2)	Contaminants - Commercial Fertilizer - Nitrogen(4)	Contaminants - Animal Waste and Other Organics - Nitrogen(4)	Compaction(1)					
	Soil Erosion	Sheet and Rill(3)	Ephemeral Gully(2)							
	Water Quality	Harmful Levels of Pesticides in Surface Water(3)	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)						
	Water Quantity									

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Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
314-Brush Management (ac)	Air Quality	Reduced Visibility(4)								
	Domestic Animals	Inadequate Quantities and Quality of Feed and Forage(4)								
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(3)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(3)	Inadequate Space(3)	Inadequate Food(3)	Inadequate Cover/Shelter(3)	Imbalance Among and Within Populations(3)	Habitat Fragmentation(3)		
	Plant Condition	Wildfire Hazard(4)	Threatened or Endangered Plant Species: Declining Species, Species of Concern(2)	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA(2)	Productivity, Health and Vigor(3)	Noxious and Invasive Plants(5)	Forage Quality and Palatability(3)			
	Soil Condition	Organic Matter Depletion(1)								
	Soil Erosion									
	Water Quality	Harmful Levels of Pesticides in Ground Water(-1)								
	Water Quantity									

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584-Channel Stabilization (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(1)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(1)	Inadequate Space(1)	Inadequate Food(1)	Inadequate Cover/Shelter(1)	Habitat Fragmentation(1)			
	Plant Condition	Plants not adapted or suited(3)								
	Soil Condition									
	Soil Erosion	Streambank(4)	Classic Gully(4)							
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(2)								
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Insufficient Flows in Water Courses(1)						

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326-Clearing & Snagging (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(-1)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(-2)	Inadequate Space(-2)	Inadequate Food(-2)	Inadequate Cover/Shelter(-2)	Imbalance Among and Within Populations(-2)	Habitat Fragmentation(-2)		
	Plant Condition									
	Soil Condition									
	Soil Erosion	Streambank(1)								
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(-1)								
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Inadequate Outlets(2)	Excessive Runoff, Flooding, or Ponding(1)					

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317-Composting Facility (no)	Air Quality	Objectionable Odors(2)								
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Noxious and Invasive Plants(1)								
	Soil Condition									
	Soil Erosion									
	Water Quality	Harmful Levels of Pathogens in Surface Water(4)	Harmful Levels of Pathogens in Groundwater(2)	Excessive Nutrients and Organics in Surface Water(4)	Excessive Nutrients and Organics in Groundwater(3)					
	Water Quantity									

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327-Conservation Cover (ac)	Air Quality	Excessive Greenhouse Gas – N2O - nitrous oxide(1)	Excessive Greenhouse Gas – CO2 - carbon dioxide (2)	Excessive Greenhouse Gas – CH4 - methane(1)						
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(3)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(3)	Inadequate Space(2)	Inadequate Food(2)	Inadequate Cover/Shelter(3)	Imbalance Among and Within Populations(2)	Habitat Fragmentation(2)		
	Plant Condition	Productivity, Health and Vigor(4)	Plants not adapted or suited(4)	Noxious and Invasive Plants(4)						
	Soil Condition	Organic Matter Depletion(4)	Damage from Sediment Deposition(2)	Contaminants - Residual Pesticides(2)	Contaminants - Commercial Fertilizer - Nitrogen(2)	Contaminants - Animal Waste and Other Organics - Nitrogen(2)	Compaction(3)			
	Soil Erosion	Streambank(2)	Shoreline(2)	Sheet and Rill(5)	Ephemeral Gully(4)	Classic Gully(3)				
	Water Quality	Harmful Levels of Pesticides in Surface Water(2)	Harmful Levels of Pesticides in Ground Water(3)	Excessive Suspended Sediment and Turbidity in Surface Water(3)	Excessive Nutrients and Organics in Surface Water(3)	Excessive Nutrients and Organics in Groundwater(3)				
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(4)	Inefficient Water Use on Irrigated Land(1)	Excessive Runoff, Flooding, or Ponding(1)					

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328-Conservation Crop Rotation (ac)	Air Quality	Excessive Greenhouse Gas – N2O - nitrous oxide(1)	Excessive Greenhouse Gas – CO2 - carbon dioxide (1)	Chemical Drift(1)						
	Domestic Animals	Inadequate Quantities and Quality of Feed and Forage(1)								
	Fish & Wildlife	Inadequate Space(1)	Inadequate Food(2)	Inadequate Cover/Shelter(2)	Imbalance Among and Within Populations(2)	Habitat Fragmentation(1)				
	Plant Condition	Productivity, Health and Vigor(4)	Plants not adapted or suited(1)	Noxious and Invasive Plants(2)						
	Soil Condition	Organic Matter Depletion(3)	Damage from Sediment Deposition(1)	Contaminants - Residual Pesticides(3)	Contaminants - Commercial Fertilizer - Nitrogen(3)	Contaminants - Animal Waste and Other Organics - Nitrogen(3)	Compaction(3)			
	Soil Erosion	Sheet and Rill(4)	Irrigation-induced(1)	Ephemeral Gully(2)	Classic Gully(1)					
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(2)	Harmful Levels of Pathogens in Surface Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(2)	Excessive Nutrients and Organics in Surface Water(2)	Excessive Nutrients and Organics in Groundwater(2)			
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(1)	Inefficient Water Use on Irrigated Land(1)	Excessive Runoff, Flooding, or Ponding(1)					

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332-Contour Buffer Strips (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (1)								
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(1)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(1)	Inadequate Space(2)	Inadequate Food(1)	Inadequate Cover/Shelter(3)	Imbalance Among and Within Populations(2)	Habitat Fragmentation(1)		
	Plant Condition	Productivity, Health and Vigor(1)								
	Soil Condition	Organic Matter Depletion(2)	Damage from Sediment Deposition(1)							
	Soil Erosion	Streambank(1)	Shoreline(1)	Sheet and Rill(4)	Irrigation-induced(1)	Ephemeral Gully(2)	Classic Gully(1)			
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(2)	Excessive Nutrients and Organics in Surface Water(1)						
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(1)	Excessive Runoff, Flooding, or Ponding(1)						

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330-Contour Farming (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (1)								
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(1)								
	Soil Condition	Organic Matter Depletion(2)	Damage from Sediment Deposition(1)							
	Soil Erosion	Streambank(1)	Shoreline(1)	Sheet and Rill(3)	Irrigation-induced(1)	Ephemeral Gully(4)	Classic Gully(1)			
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(-1)					
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(1)	Inefficient Water Use on Irrigated Land(1)						

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340-Cover Crop (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (1)								
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(1)	Inadequate Space(1)	Inadequate Food(1)	Inadequate Cover/Shelter(1)	Imbalance Among and Within Populations(1)	Habitat Fragmentation(1)			
	Plant Condition	Productivity, Health and Vigor(1)	Noxious and Invasive Plants(1)							
	Soil Condition	Organic Matter Depletion(3)	Damage from Sediment Deposition(1)	Contaminants - Commercial Fertilizer - Nitrogen(1)	Contaminants - Animal Waste and Other Organics - Nitrogen(1)					
	Soil Erosion	Sheet and Rill(4)	Ephemeral Gully(1)							
	Water Quality	Harmful Levels of Pesticides in Ground Water(2)	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)	Excessive Nutrients and Organics in Groundwater(1)					
	Water Quantity									

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342-Critical Area Planting (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (2)								
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(3)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(3)	Inadequate Space(1)	Inadequate Food(1)	Inadequate Cover/Shelter(1)	Imbalance Among and Within Populations(1)	Habitat Fragmentation(1)		
	Plant Condition	Productivity, Health and Vigor(4)	Plants not adapted or suited(4)	Noxious and Invasive Plants(3)						
	Soil Condition	Organic Matter Depletion(2)	Damage from Sediment Deposition(2)	Compaction(3)						
	Soil Erosion	Streambank(4)	Shoreline(4)	Sheet and Rill(5)	Road, road sides and Construction Sites(5)	Ephemeral Gully(5)	Classic Gully(4)			
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(3)	Excessive Nutrients and Organics in Surface Water(3)	Excessive Nutrients and Organics in Groundwater(1)						
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(4)	Excessive Runoff, Flooding, or Ponding(1)						

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402-Dam (no, ac-ft)	Air Quality									
	Domestic Animals	Inadequate Stock Water(4)								
	Fish & Wildlife	Habitat Fragmentation(-4)								
	Plant Condition									
	Soil Condition	Damage from Sediment Deposition(2)								
	Soil Erosion	Streambank(1)	Classic Gully(3)	Shoreline(-2)						
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(3)	Harmful Levels of Pathogens in Surface Water(-2)	Excessive Nutrients and Organics in Groundwater(-1)						
	Water Quantity	Reduced Capacity of Conveyances by Sediment Deposition(3)	Inefficient Water Use on Irrigated Land(3)	Excessive Runoff, Flooding, or Ponding(2)	Insufficient Flows in Water Courses(-1)	Excessive Subsurface Water(-1)	Excessive Seepage(-2)			

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348-Dam, Diversion (no)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	Inadequate Water(-2)	Inadequate Space(-2)	Inadequate Food(-2)	Inadequate Cover/Shelter(-3)	Imbalance Among and Within Populations(-2)	Habitat Fragmentation(-2)			
	Plant Condition									
	Soil Condition									
	Soil Erosion	Streambank(-1)								
	Water Quality	Harmful Temperatures of Surface Water(-2)								
	Water Quantity	Insufficient Flows in Water Courses(-2)								

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324-Deep Tillage (ac)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(2)	Plants not adapted or suited(1)							
	Soil Condition	Damage from Sediment Deposition(1)	Compaction(4)	Organic Matter Depletion(-1)						
	Soil Erosion	Sheet and Rill(2)	Irrigation-induced(1)	Ephemeral Gully(1)						
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(-2)							
	Water Quantity	Inefficient Water Use on Irrigated Land(1)	Excessive Runoff, Flooding, or Ponding(1)							

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356-Dike (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	Habitat Fragmentation(-4)								
	Plant Condition									
	Soil Condition									
	Soil Erosion	Road, road sides and Construction Sites(3)	Classic Gully(1)	Streambank(-2)						
	Water Quality	Harmful Levels of Pesticides in Surface Water(2)	Harmful Levels of Pesticides in Ground Water(2)							
	Water Quantity	Reduced Capacity of Conveyances by Sediment Deposition(1)	Excessive Runoff, Flooding, or Ponding(3)	Reduced Storage of Water Bodies by Sediment Accumulation(-1)	Inadequate Outlets(-2)	Excessive Subsurface Water(-1)	Excessive Seepage(-1)			

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362-Diversion (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	Inadequate Food(1)	Inadequate Cover/Shelter(1)							
	Plant Condition									
	Soil Condition	Organic Matter Depletion(1)	Damage from Sediment Deposition(1)							
	Soil Erosion	Streambank(2)	Sheet and Rill(2)	Road, road sides and Construction Sites(2)	Ephemeral Gully(4)	Classic Gully(3)				
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(2)	Excessive Nutrients and Organics in Surface Water(1)					
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Excessive Runoff, Flooding, or Ponding(2)						

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647-Early Successional Habitat Development/Mgt. (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (1)								
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(5)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(5)	Inadequate Space(4)	Inadequate Food(5)	Inadequate Cover/Shelter(5)	Imbalance Among and Within Populations(4)	Habitat Fragmentation(5)		
	Plant Condition	Threatened or Endangered Plant Species: Declining Species, Species of Concern(5)	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA(5)	Productivity, Health and Vigor(4)	Plants not adapted or suited(4)	Noxious and Invasive Plants(2)				
	Soil Condition	Organic Matter Depletion(1)	Damage from Sediment Deposition(1)							
	Soil Erosion	Streambank(1)	Shoreline(1)	Sheet and Rill(1)	Ephemeral Gully(1)	Classic Gully(1)				
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)						
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(1)							

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382-Fence (ft)	Air Quality									
	Domestic Animals	Inadequate Quantities and Quality of Feed and Forage(2)								
	Fish & Wildlife	Inadequate Space(-1)	Habitat Fragmentation(-1)							
	Plant Condition	Productivity, Health and Vigor(3)	Plants not adapted or suited(2)	Forage Quality and Palatability(2)						
	Soil Condition									
	Soil Erosion									
	Water Quality									
	Water Quantity									

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386-Field Border (ft)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (1)								
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(3)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(2)	Inadequate Space(2)	Inadequate Food(3)	Inadequate Cover/Shelter(3)	Imbalance Among and Within Populations(2)	Habitat Fragmentation(1)		
	Plant Condition	Productivity, Health and Vigor(2)	Plants not adapted or suited(2)	Noxious and Invasive Plants(2)						
	Soil Condition	Organic Matter Depletion(1)	Damage from Sediment Deposition(1)							
	Soil Erosion	Streambank(1)	Shoreline(1)	Sheet and Rill(1)	Ephemeral Gully(1)	Classic Gully(1)				
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(2)	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)					
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(1)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
393-Filter Strip (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (1)								
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(3)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(3)	Inadequate Space(2)	Inadequate Food(3)	Inadequate Cover/Shelter(4)	Imbalance Among and Within Populations(2)	Habitat Fragmentation(1)		
	Plant Condition	Productivity, Health and Vigor(2)	Plants not adapted or suited(2)	Noxious and Invasive Plants(2)						
	Soil Condition	Organic Matter Depletion(1)	Compaction(2)							
	Soil Erosion	Streambank(1)	Shoreline(1)	Sheet and Rill(1)	Ephemeral Gully(1)	Classic Gully(1)				
	Water Quality	Harmful Levels of Pesticides in Surface Water(4)	Harmful Levels of Pesticides in Ground Water(1)	Harmful Levels of Pathogens in Surface Water(2)	Excessive Suspended Sediment and Turbidity in Surface Water(4)	Excessive Nutrients and Organics in Surface Water(4)				
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(4)	Reduced Capacity of Conveyances by Sediment Deposition(4)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
394-Firebreak (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Wildfire Hazard(5)	Productivity, Health and Vigor(3)	Plants not adapted or suited(1)	Noxious and Invasive Plants(-1)					
	Soil Condition									
	Soil Erosion									
	Water Quality									
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
396-Fish Passage (no)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(5)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(5)	Inadequate Water(5)	Inadequate Space(5)	Inadequate Food(4)	Inadequate Cover/Shelter(4)	Imbalance Among and Within Populations(5)	Habitat Fragmentation(5)	
	Plant Condition									
	Soil Condition									
	Soil Erosion	Streambank(2)								
	Water Quality	Harmful Temperatures of Surface Water(2)								
	Water Quantity	Reduced Capacity of Conveyances by Sediment Deposition(2)	Inadequate Outlets(1)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
399-Fish Pond Management (no)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition									
	Soil Condition									
	Soil Erosion									
	Water Quality									
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
511-Forage Harvest Management (ac)	Air Quality									
	Domestic Animals	Inadequate Quantities and Quality of Feed and Forage(5)								
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(5)	Inadequate Space(3)	Inadequate Food(2)	Inadequate Cover/Shelter(3)	Imbalance Among and Within Populations(3)	Habitat Fragmentation(3)			
	Plant Condition	Productivity, Health and Vigor(2)	Plants not adapted or suited(3)	Noxious and Invasive Plants(3)	Forage Quality and Palatability(5)					
	Soil Condition									
	Soil Erosion									
	Water Quality	Harmful Levels of Pesticides in Ground Water(2)								
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
490-Forest Site Preparation (ac)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Wildfire Hazard(1)	Productivity, Health and Vigor(5)	Plants not adapted or suited(3)	Noxious and Invasive Plants(3)					
	Soil Condition									
	Soil Erosion									
	Water Quality									
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
666-Forest Stand Improvement (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (2)								
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(3)	T&E F&W Species: Listed or Proposed for Listing Under the ESA(4)	Inadequate Space(3)	Inadequate Food(3)	Inadequate Cover/Shelter(3)	Imbalance Among and Within Populations(2)	Habitat Fragmentation(2)		
	Plant Condition	Wildfire Hazard(3)	Productivity, Health and Vigor(5)	Plants not adapted or suited(4)	Noxious and Invasive Plants(4)					
	Soil Condition									
	Soil Erosion									
	Water Quality									
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
655-Forest Trails and Landings (ac)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Wildfire Hazard(3)	Noxious and Invasive Plants(-1)							
	Soil Condition	Damage from Sediment Deposition(1)								
	Soil Erosion	Road, road sides and Construction Sites(2)	Classic Gully(2)							
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(2)								
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(1)	Inadequate Outlets(1)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
410-Grade Stabilization Structure (no)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition									
	Soil Condition	Damage from Sediment Deposition(1)								
	Soil Erosion	Streambank(4)	Shoreline(3)	Road, road sides and Construction Sites(2)	Classic Gully(4)					
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(2)								
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(1)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
412-Grassed Waterway (ac)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(1)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(1)	Inadequate Space(1)	Inadequate Food(2)	Inadequate Cover/Shelter(2)	Habitat Fragmentation(1)			
	Plant Condition	Productivity, Health and Vigor(2)	Plants not adapted or suited(2)	Noxious and Invasive Plants(1)						
	Soil Condition	Damage from Sediment Deposition(1)								
	Soil Erosion	Streambank(1)	Road, road sides and Construction Sites(2)	Ephemeral Gully(2)	Classic Gully(3)					
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(2)	Excessive Nutrients and Organics in Surface Water(1)						
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Inadequate Outlets(2)	Excessive Runoff, Flooding, or Ponding(1)					

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
561-Heavy Use Area Protection (ac)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition									
	Soil Condition	Damage from Sediment Deposition(1)	Compaction(-1)							
	Soil Erosion	Road, road sides and Construction Sites(2)	Ephemeral Gully(3)	Classic Gully(2)						
	Water Quality	Harmful Levels of Pathogens in Surface Water(2)	Harmful Levels of Pathogens in Groundwater(3)	Excessive Suspended Sediment and Turbidity in Surface Water(2)	Excessive Nutrients and Organics in Surface Water(2)	Excessive Nutrients and Organics in Groundwater(3)				
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(1)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
422-Hedgerow Planting (ft)	Air Quality	Undesirable Air Movement(3)	Reduced Visibility(1)	Objectionable Odors(2)	Excessive Greenhouse Gas – CO2 - carbon dioxide (1)	Chemical Drift(2)				
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(4)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(1)	Inadequate Space(2)	Inadequate Food(4)	Inadequate Cover/Shelter(4)	Imbalance Among and Within Populations(2)	Habitat Fragmentation(4)		
	Plant Condition	Productivity, Health and Vigor(2)	Plants not adapted or suited(3)	Noxious and Invasive Plants(2)						
	Soil Condition	Organic Matter Depletion(3)	Damage from Sediment Deposition(-1)							
	Soil Erosion									
	Water Quality	Harmful Temperatures of Surface Water(1)	Harmful Levels of Pesticides in Surface Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)					
	Water Quantity	Drifted Snow(2)								

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
552-Irrigation Regulating Reservoir (no)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(2)								
	Soil Condition	Damage from Sediment Deposition(1)								
	Soil Erosion	Irrigation-induced(1)	Classic Gully(1)							
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(2)	Excessive Nutrients and Organics in Surface Water(1)						
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Inefficient Water Use on Irrigated Land(4)	Inadequate Outlets(1)	Excessive Runoff, Flooding, or Ponding(2)				

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
436-Irrigation Storage Reservoir (no & ac-ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(1)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(2)							
	Plant Condition	Productivity, Health and Vigor(2)								
	Soil Condition									
	Soil Erosion	Irrigation-induced(1)	Classic Gully(1)							
	Water Quality									
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Inefficient Water Use on Irrigated Land(4)	Inadequate Outlets(1)	Excessive Runoff, Flooding, or Ponding(2)				

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
441-Irrigation System, Microirrigation (no & ac)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(3)	Inadequate Water(3)							
	Plant Condition	Productivity, Health and Vigor(3)								
	Soil Condition									
	Soil Erosion	Irrigation-induced(4)								
	Water Quality	Harmful Levels of Pesticides in Surface Water(2)	Harmful Levels of Pesticides in Ground Water(3)	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(2)	Excessive Nutrients and Organics in Groundwater(2)				
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Insufficient Flows in Water Courses(3)	Inefficient Water Use on Irrigated Land(5)					

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
442-Irrigation System, Sprinkler (no & ac)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(2)	Inadequate Water(2)							
	Plant Condition	Productivity, Health and Vigor(3)								
	Soil Condition									
	Soil Erosion	Irrigation-induced(3)								
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(2)	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)	Excessive Nutrients and Organics in Groundwater(1)				
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Insufficient Flows in Water Courses(1)	Inefficient Water Use on Irrigated Land(3)					

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
430AA-Irr. Water Conveyance, Pipeline, Aluminum Tubing (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(1)								
	Soil Condition									
	Soil Erosion									
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)							
	Water Quantity	Insufficient Flows in Water Courses(1)	Inefficient Water Use on Irrigated Land(2)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
430BB-Irr. Water Conveyance, Pipeline, Asbestos-Cement (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(1)								
	Soil Condition									
	Soil Erosion									
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)							
	Water Quantity	Insufficient Flows in Water Courses(1)	Inefficient Water Use on Irrigated Land(2)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
430CC-Irr. Water Conveyance, Pipeline, Nonreinforced Concrete (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(1)								
	Soil Condition									
	Soil Erosion									
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)							
	Water Quantity	Insufficient Flows in Water Courses(1)	Inefficient Water Use on Irrigated Land(2)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
430DD-Irr. Water Conveyance, Pipeline, High-pressure, Underground, Plastic (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(1)								
	Soil Condition									
	Soil Erosion									
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)							
	Water Quantity	Insufficient Flows in Water Courses(1)	Inefficient Water Use on Irrigated Land(2)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
430EE-Irr. Water Conveyance, Pipeline, Low-pressure, Underground, Plastic (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(1)								
	Soil Condition									
	Soil Erosion									
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)							
	Water Quantity	Insufficient Flows in Water Courses(1)	Inefficient Water Use on Irrigated Land(2)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
430FF-Irr. Water Conveyance, Pipeline, Steel (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(1)								
	Soil Condition									
	Soil Erosion									
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)							
	Water Quantity	Insufficient Flows in Water Courses(1)	Inefficient Water Use on Irrigated Land(2)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
430GG-Irr. Water Conveyance, Pipeline, Reinforced Plastic Mortar (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(1)								
	Soil Condition									
	Soil Erosion									
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)							
	Water Quantity	Insufficient Flows in Water Courses(1)	Inefficient Water Use on Irrigated Land(2)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
449-Irrigation Water Management (ac)	Air Quality	Adverse Air Temperature(1)								
	Domestic Animals	Inadequate Quantities and Quality of Feed and Forage(2)								
	Fish & Wildlife	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(3)								
	Plant Condition	Productivity, Health and Vigor(3)	Forage Quality and Palatability(2)							
	Soil Condition									
	Soil Erosion	Irrigation-induced(3)								
	Water Quality	Harmful Levels of Pesticides in Surface Water(2)	Harmful Levels of Pesticides in Ground Water(3)	Harmful Levels of Pathogens in Surface Water(2)	Harmful Levels of Pathogens in Groundwater(1)	Excessive Suspended Sediment and Turbidity in Surface Water(2)	Excessive Nutrients and Organics in Surface Water(2)	Excessive Nutrients and Organics in Groundwater(1)		
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Insufficient Flows in Water Courses(3)	Inefficient Water Use on Irrigated Land(4)					

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
460-Land Clearing (ac)	Air Quality	Undesirable Air Movement(-1)	Reduced Visibility(-1)	Excessive Greenhouse Gas – CO2 - carbon dioxide (-1)	Adverse Air Temperature(-2)					
	Domestic Animals									
	Fish & Wildlife	Inadequate Space(-3)	Inadequate Food(-2)	Inadequate Cover/Shelter(-2)	Imbalance Among and Within Populations(-2)	Habitat Fragmentation(-3)				
	Plant Condition	Wildfire Hazard(4)	Noxious and Invasive Plants(-2)							
	Soil Condition	Organic Matter Depletion(-3)	Compaction(-1)							
	Soil Erosion	Road, road sides and Construction Sites(-2)								
	Water Quality	Harmful Temperatures of Surface Water(-2)	Harmful Levels of Pesticides in Surface Water(-1)	Harmful Levels of Pathogens in Surface Water(-1)	Excessive Suspended Sediment and Turbidity in Surface Water(-1)	Excessive Nutrients and Organics in Surface Water(-1)				
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(-1)	Reduced Capacity of Conveyances by Sediment Deposition(-1)	Excessive Runoff, Flooding, or Ponding(-1)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
466-Land Smoothing (ac)	Air Quality	Reduced Visibility(-2)	Excessive Greenhouse Gas – CO2 - carbon dioxide (-1)							
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(3)								
	Soil Condition	Damage from Sediment Deposition(3)	Organic Matter Depletion(-3)	Compaction(-2)						
	Soil Erosion	Irrigation-induced(1)	Ephemeral Gully(1)							
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)	Excessive Nutrients and Organics in Groundwater(2)				
	Water Quantity	Inefficient Water Use on Irrigated Land(3)	Excessive Subsurface Water(3)	Excessive Seepage(3)	Excessive Runoff, Flooding, or Ponding(3)					

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
468-Lined Waterway or Outlet (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	Inadequate Food(-2)	Inadequate Cover/Shelter(-2)							
	Plant Condition									
	Soil Condition	Damage from Sediment Deposition(1)								
	Soil Erosion	Streambank(1)	Shoreline(1)	Road, road sides and Construction Sites(2)	Ephemeral Gully(2)	Classic Gully(5)				
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(2)								
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Inadequate Outlets(2)	Excessive Runoff, Flooding, or Ponding(1)					

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
634-Manure Transfer (no)	Air Quality	Objectionable Odors(-1)								
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition									
	Soil Condition									
	Soil Erosion									
	Water Quality	Harmful Levels of Pathogens in Surface Water(2)	Harmful Levels of Pathogens in Groundwater(2)	Excessive Nutrients and Organics in Surface Water(2)	Excessive Nutrients and Organics in Groundwater(2)					
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
484-Mulching (ac)	Air Quality	Adverse Air Temperature(2)								
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(3)	Noxious and Invasive Plants(2)							
	Soil Condition	Organic Matter Depletion(3)	Damage from Sediment Deposition(1)	Contaminants - Residual Pesticides(1)	Contaminants - Commercial Fertilizer - Nitrogen(1)	Contaminants - Animal Waste and Other Organics - Nitrogen(1)	Compaction(1)			
	Soil Erosion	Streambank(1)	Shoreline(1)	Sheet and Rill(4)	Road, road sides and Construction Sites(4)	Irrigation-induced(2)	Ephemeral Gully(3)	Classic Gully(1)		
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(1)	Harmful Levels of Pathogens in Surface Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(2)	Excessive Nutrients and Organics in Surface Water(1)				
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Inefficient Water Use on Irrigated Land(2)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
590-Nutrient Management	Air Quality	Objectionable Odors(2)	NH3 - Ammonia(2)	Excessive Greenhouse Gas – N2O - nitrous oxide(1)						
	Domestic Animals	Inadequate Quantities and Quality of Feed and Forage(4)								
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(2)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(3)	Inadequate Food(1)	Inadequate Cover/Shelter(2)					
	Plant Condition	Productivity, Health and Vigor(4)	Plants not adapted or suited(1)	Forage Quality and Palatability(5)						
	Soil Condition	Organic Matter Depletion(1)	Contaminants - Commercial Fertilizer - Nitrogen(3)	Contaminants - Animal Waste and Other Organics - Nitrogen(2)						
	Soil Erosion									
	Water Quality	Harmful Levels of Pathogens in Surface Water(3)	Harmful Levels of Pathogens in Groundwater(1)	Excessive Nutrients and Organics in Surface Water(5)	Excessive Nutrients and Organics in Groundwater(5)					
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
500-Obstruction Removal (ac)	Air Quality									
	Domestic Animals	Inadequate Quantities and Quality of Feed and Forage(1)								
	Fish & Wildlife	Inadequate Cover/Shelter(-2)								
	Plant Condition									
	Soil Condition	Compaction(-1)								
	Soil Erosion									
	Water Quality									
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(1)	Inefficient Water Use on Irrigated Land(2)	Inadequate Outlets(2)					

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
512-Pasture & Hay Planting (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (3)								
	Domestic Animals	Inadequate Quantities and Quality of Feed and Forage(5)								
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(3)	Inadequate Space(2)	Inadequate Food(2)	Inadequate Cover/Shelter(2)	Imbalance Among and Within Populations(1)	Habitat Fragmentation(1)			
	Plant Condition	Productivity, Health and Vigor(5)	Plants not adapted or suited(5)	Noxious and Invasive Plants(3)	Forage Quality and Palatability(5)					
	Soil Condition	Organic Matter Depletion(4)	Damage from Sediment Deposition(3)	Contaminants - Residual Pesticides(3)	Contaminants - Commercial Fertilizer - Nitrogen(2)	Contaminants - Animal Waste and Other Organics - Nitrogen(1)	Compaction(2)			
	Soil Erosion	Sheet and Rill(5)	Ephemeral Gully(5)	Classic Gully(2)						
	Water Quality	Harmful Levels of Pesticides in Surface Water(3)	Harmful Levels of Pesticides in Ground Water(2)	Harmful Levels of Pathogens in Surface Water(2)	Excessive Suspended Sediment and Turbidity in Surface Water(4)	Excessive Nutrients and Organics in Surface Water(3)	Excessive Nutrients and Organics in Groundwater(2)			
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(3)	Reduced Capacity of Conveyances by Sediment Deposition(3)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
595-Pest Management (ac.)	Air Quality	Objectionable Odors(2)	Excessive Greenhouse Gas – CO2 - carbon dioxide (2)	Chemical Drift(5)						
	Domestic Animals	Inadequate Quantities and Quality of Feed and Forage(5)								
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(3)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(4)	Inadequate Space(1)	Inadequate Food(3)	Inadequate Cover/Shelter(3)	Imbalance Among and Within Populations(3)			
	Plant Condition	Threatened or Endangered Plant Species: Declining Species, Species of Concern(4)	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA(4)	Productivity, Health and Vigor(5)	Plants not adapted or suited(5)	Noxious and Invasive Plants(5)	Forage Quality and Palatability(4)			
	Soil Condition	Contaminants - Residual Pesticides(5)	Compaction(1)							
	Soil Erosion									
	Water Quality	Harmful Levels of Pesticides in Surface Water(5)	Harmful Levels of Pesticides in Ground Water(5)							
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
516-Pipeline (ft)	Air Quality									
	Domestic Animals	Inadequate Stock Water(3)	Inadequate Quantities and Quality of Feed and Forage(3)							
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(2)								
	Soil Condition									
	Soil Erosion									
	Water Quality									
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
378-Pond (no)	Air Quality									
	Domestic Animals	Inadequate Stock Water(5)								
	Fish & Wildlife	Inadequate Water(4)	Inadequate Space(3)	Inadequate Food(3)	Inadequate Cover/Shelter(3)	Imbalance Among and Within Populations(2)				
	Plant Condition									
	Soil Condition									
	Soil Erosion									
	Water Quality									
	Water Quantity	Inefficient Water Use on Irrigated Land(3)	Excessive Runoff, Flooding, or Ponding(2)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
521C-Pond Sealing or Lining, Bentonite Sealant (no)	Air Quality									
	Domestic Animals	Inadequate Stock Water(4)								
	Fish & Wildlife									
	Plant Condition									
	Soil Condition									
	Soil Erosion	Shoreline(1)								
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pathogens in Groundwater(2)	Excessive Nutrients and Organics in Surface Water(2)	Excessive Nutrients and Organics in Groundwater(2)					
	Water Quantity	Inefficient Water Use on Irrigated Land(3)	Excessive Subsurface Water(1)	Excessive Seepage(1)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
521A-Pond Sealing or Lining, Flexible Membrane (no)	Air Quality									
	Domestic Animals	Inadequate Stock Water(4)								
	Fish & Wildlife									
	Plant Condition									
	Soil Condition									
	Soil Erosion	Shoreline(1)								
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pathogens in Groundwater(2)	Excessive Nutrients and Organics in Surface Water(2)	Excessive Nutrients and Organics in Groundwater(2)					
	Water Quantity	Inefficient Water Use on Irrigated Land(3)	Excessive Subsurface Water(1)	Excessive Seepage(1)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
521B-Pond Sealing or Lining, Soil Dispersant (no)	Air Quality									
	Domestic Animals	Inadequate Stock Water(4)								
	Fish & Wildlife									
	Plant Condition									
	Soil Condition									
	Soil Erosion	Shoreline(1)								
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pathogens in Groundwater(2)	Excessive Nutrients and Organics in Surface Water(2)	Excessive Nutrients and Organics in Groundwater(2)					
	Water Quantity	Inefficient Water Use on Irrigated Land(3)	Excessive Subsurface Water(1)	Excessive Seepage(1)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
409-Prescribed Forestry (ac)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(5)								
	Soil Condition									
	Soil Erosion									
	Water Quality									
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
528-Prescribed Grazing (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (1)								
	Domestic Animals	Inadequate Quantities and Quality of Feed and Forage(5)								
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(5)	Inadequate Space(4)	Inadequate Food(3)	Inadequate Cover/Shelter(4)	Imbalance Among and Within Populations(4)	Habitat Fragmentation(4)			
	Plant Condition	Productivity, Health and Vigor(4)	Plants not adapted or suited(2)	Noxious and Invasive Plants(4)	Forage Quality and Palatability(5)					
	Soil Condition	Organic Matter Depletion(2)	Contaminants - Animal Waste and Other Organics - Nitrogen(2)	Compaction(1)						
	Soil Erosion	Classic Gully(1)								
	Water Quality	Harmful Levels of Pesticides in Ground Water(2)	Harmful Levels of Pathogens in Surface Water(2)	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(2)					
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
533-Pumping Plant (no)	Air Quality	Reduced Visibility(1)	Excessive Ozone (2)	Excessive Greenhouse Gas – N2O - nitrous oxide(1)	Excessive Greenhouse Gas – CO2 - carbon dioxide (3)					
	Domestic Animals	Inadequate Stock Water(4)								
	Fish & Wildlife									
	Plant Condition									
	Soil Condition									
	Soil Erosion									
	Water Quality									
	Water Quantity	Inefficient Water Use on Irrigated Land(3)								

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
566-Recreation Land Grading and Shaping (ac)	Air Quality	Reduced Visibility(1)	Excessive Greenhouse Gas – CO2 - carbon dioxide (-1)							
	Domestic Animals									
	Fish & Wildlife	Inadequate Space(-2)	Inadequate Food(-2)	Inadequate Cover/Shelter(-2)	Habitat Fragmentation(-1)					
	Plant Condition	Productivity, Health and Vigor(3)	Noxious and Invasive Plants(4)							
	Soil Condition	Organic Matter Depletion(1)	Damage from Sediment Deposition(2)							
	Soil Erosion	Streambank(2)	Shoreline(3)	Classic Gully(4)						
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(2)								
	Water Quantity	Inadequate Outlets(2)	Excessive Runoff, Flooding, or Ponding(2)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
568-Recreation Trail and Walkway (ft)	Air Quality	Reduced Visibility(1)								
	Domestic Animals									
	Fish & Wildlife	Habitat Fragmentation(-1)								
	Plant Condition	Wildfire Hazard(2)	Productivity, Health and Vigor(4)	Noxious and Invasive Plants(-1)						
	Soil Condition	Compaction(2)								
	Soil Erosion	Streambank(3)	Shoreline(3)	Road, road sides and Construction Sites(3)	Classic Gully(4)					
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(2)	Harmful Levels of Pathogens in Surface Water(-2)							
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Excessive Runoff, Flooding, or Ponding(2)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
329-Residue and Tillage Management, No Till/Strip Till/Direct Seed (ac)	Air Quality	Excessive Ozone (1)	Excessive Greenhouse Gas – CO2 - carbon dioxide (2)							
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(1)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(1)	Inadequate Space(3)	Inadequate Food(2)	Inadequate Cover/Shelter(3)	Imbalance Among and Within Populations(1)	Habitat Fragmentation(2)		
	Plant Condition	Productivity, Health and Vigor(2)								
	Soil Condition	Organic Matter Depletion(4)	Damage from Sediment Deposition(2)	Compaction(2)						
	Soil Erosion	Sheet and Rill(4)	Irrigation-induced(1)	Ephemeral Gully(3)	Classic Gully(1)					
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(3)	Excessive Nutrients and Organics in Surface Water(1)					
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(3)	Reduced Capacity of Conveyances by Sediment Deposition(3)	Inefficient Water Use on Irrigated Land(2)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
345-Residue Management, Mulch Till (ac)	Air Quality	Excessive Ozone (1)	Excessive Greenhouse Gas – CO2 - carbon dioxide (2)							
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(1)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(1)	Inadequate Space(2)	Inadequate Food(2)	Inadequate Cover/Shelter(2)	Imbalance Among and Within Populations(1)	Habitat Fragmentation(1)		
	Plant Condition	Productivity, Health and Vigor(2)								
	Soil Condition	Organic Matter Depletion(3)	Damage from Sediment Deposition(1)	Compaction(1)						
	Soil Erosion	Sheet and Rill(4)	Irrigation-induced(1)	Ephemeral Gully(2)	Classic Gully(1)					
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(2)	Excessive Nutrients and Organics in Surface Water(1)					
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Inefficient Water Use on Irrigated Land(1)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
346-Residue Management, Ridge Till (ac)	Air Quality	Excessive Ozone (1)	Excessive Greenhouse Gas – CO2 - carbon dioxide (2)							
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(1)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(1)	Inadequate Space(1)	Inadequate Food(1)	Inadequate Cover/Shelter(2)	Imbalance Among and Within Populations(1)	Habitat Fragmentation(1)		
	Plant Condition	Productivity, Health and Vigor(1)								
	Soil Condition	Organic Matter Depletion(2)	Damage from Sediment Deposition(1)	Compaction(1)						
	Soil Erosion	Sheet and Rill(3)	Irrigation-induced(1)	Ephemeral Gully(1)	Classic Gully(1)					
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(2)	Excessive Nutrients and Organics in Surface Water(1)					
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Inefficient Water Use on Irrigated Land(1)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
344-Residue Management, Seasonal (ac)	Air Quality	Excessive Ozone (1)	Excessive Greenhouse Gas – CO2 - carbon dioxide (1)							
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(1)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(1)	Inadequate Space(1)	Inadequate Food(1)	Inadequate Cover/Shelter(2)				
	Plant Condition	Productivity, Health and Vigor(1)								
	Soil Condition	Organic Matter Depletion(1)	Damage from Sediment Deposition(1)	Compaction(1)						
	Soil Erosion	Sheet and Rill(2)	Irrigation-induced(1)	Ephemeral Gully(1)	Classic Gully(1)					
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)						
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(1)	Inefficient Water Use on Irrigated Land(1)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
391-Riparian Forest Buffer (ac)	Air Quality	Undesirable Air Movement(2)	Objectionable Odors(1)	Excessive Greenhouse Gas – CO2 - carbon dioxide (5)	Chemical Drift(2)	Adverse Air Temperature(2)				
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(5)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(5)	Inadequate Space(5)	Inadequate Food(5)	Inadequate Cover/Shelter(5)	Imbalance Among and Within Populations(5)	Habitat Fragmentation(5)		
	Plant Condition	Threatened or Endangered Plant Species: Declining Species, Species of Concern(2)	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA(2)	Productivity, Health and Vigor(5)	Plants not adapted or suited(4)	Noxious and Invasive Plants(2)				
	Soil Condition	Organic Matter Depletion(3)	Compaction(3)							
	Soil Erosion	Streambank(3)	Shoreline(3)	Sheet and Rill(1)	Ephemeral Gully(1)	Classic Gully(1)				
	Water Quality	Harmful Temperatures of Surface Water(5)	Harmful Levels of Pesticides in Surface Water(4)	Harmful Levels of Pesticides in Ground Water(3)	Harmful Levels of Pathogens in Surface Water(3)	Excessive Suspended Sediment and Turbidity in Surface Water(5)	Excessive Nutrients and Organics in Surface Water(4)	Excessive Nutrients and Organics in Groundwater(1)		
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(4)	Reduced Capacity of Conveyances by Sediment Deposition(4)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
558-Roof Runoff Structure (no)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition									
	Soil Condition									
	Soil Erosion	Classic Gully(1)								
	Water Quality	Harmful Levels of Pathogens in Surface Water(3)	Harmful Levels of Pathogens in Groundwater(2)	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(2)	Excessive Nutrients and Organics in Groundwater(2)				
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(1)	Insufficient Flows in Water Courses(1)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
557-Row Arrangement (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (1)								
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(1)								
	Soil Condition	Organic Matter Depletion(1)	Damage from Sediment Deposition(1)							
	Soil Erosion	Streambank(1)	Sheet and Rill(2)	Irrigation-induced(1)	Ephemeral Gully(2)	Classic Gully(1)				
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(-1)					
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(1)	Inefficient Water Use on Irrigated Land(1)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
798-Seasonal High Tunnel System for Crops (sf)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition									
	Soil Condition									
	Soil Erosion									
	Water Quality									
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
350-Sediment Basin (no)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(1)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(1)	Inadequate Space(2)						
	Plant Condition									
	Soil Condition									
	Soil Erosion									
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pathogens in Surface Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(3)	Excessive Nutrients and Organics in Surface Water(3)	Harmful Levels of Pesticides in Ground Water(-1)				
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(3)	Reduced Capacity of Conveyances by Sediment Deposition(3)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
574-Spring Development (no)	Air Quality									
	Domestic Animals	Inadequate Stock Water(5)								
	Fish & Wildlife	Inadequate Water(3)	Inadequate Space(3)	Imbalance Among and Within Populations(2)						
	Plant Condition									
	Soil Condition									
	Soil Erosion	Streambank(1)								
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)							
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
580-Streambank and Shoreline Protection (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(3)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(3)	Inadequate Space(2)	Inadequate Food(2)	Inadequate Cover/Shelter(2)	Imbalance Among and Within Populations(2)	Habitat Fragmentation(1)		
	Plant Condition	Threatened or Endangered Plant Species: Declining Species, Species of Concern(2)	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA(2)	Productivity, Health and Vigor(2)	Plants not adapted or suited(2)	Noxious and Invasive Plants(3)				
	Soil Condition									
	Soil Erosion	Streambank(5)	Shoreline(5)							
	Water Quality	Harmful Temperatures of Surface Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(4)	Excessive Nutrients and Organics in Surface Water(1)						
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(3)	Reduced Capacity of Conveyances by Sediment Deposition(3)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
578-Stream Crossing (no)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(2)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(2)	Inadequate Space(-1)	Inadequate Cover/Shelter(-1)	Habitat Fragmentation(-1)				
	Plant Condition									
	Soil Condition									
	Soil Erosion	Streambank(3)								
	Water Quality	Harmful Levels of Pathogens in Surface Water(2)	Excessive Suspended Sediment and Turbidity in Surface Water(2)	Excessive Nutrients and Organics in Surface Water(2)						
	Water Quantity	Inadequate Outlets(1)								

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
395-Stream Habitat Improvement and Management (ac)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(4)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(4)	Inadequate Space(3)	Inadequate Food(4)	Inadequate Cover/Shelter(5)	Imbalance Among and Within Populations(4)	Habitat Fragmentation(3)		
	Plant Condition	Threatened or Endangered Plant Species: Declining Species, Species of Concern(2)	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA(1)	Productivity, Health and Vigor(2)	Plants not adapted or suited(4)	Noxious and Invasive Plants(3)				
	Soil Condition	Organic Matter Depletion(3)								
	Soil Erosion	Streambank(1)								
	Water Quality	Harmful Temperatures of Surface Water(3)	Excessive Suspended Sediment and Turbidity in Surface Water(3)							
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
585-Stripcropping (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (2)								
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(2)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(1)	Inadequate Space(3)	Inadequate Food(2)	Inadequate Cover/Shelter(3)	Imbalance Among and Within Populations(2)	Habitat Fragmentation(1)		
	Plant Condition	Productivity, Health and Vigor(1)								
	Soil Condition	Organic Matter Depletion(1)	Damage from Sediment Deposition(2)							
	Soil Erosion	Streambank(1)	Sheet and Rill(4)	Irrigation-induced(1)	Ephemeral Gully(3)	Classic Gully(1)				
	Water Quality	Harmful Levels of Pesticides in Surface Water(2)	Harmful Levels of Pathogens in Surface Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(3)	Excessive Nutrients and Organics in Surface Water(2)					
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Excessive Runoff, Flooding, or Ponding(1)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
587-Structure for Water Control (no)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	Inadequate Water(3)	Inadequate Space(2)	Inadequate Food(1)	Inadequate Cover/Shelter(1)					
	Plant Condition									
	Soil Condition									
	Soil Erosion									
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(1)								
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Insufficient Flows in Water Courses(1)	Inefficient Water Use on Irrigated Land(2)	Excessive Runoff, Flooding, or Ponding(2)				

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
606-Subsurface Drain (ft)	Air Quality									
	Domestic Animals	Inadequate Quantities and Quality of Feed and Forage(2)								
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(3)	Plants not adapted or suited(2)	Forage Quality and Palatability(2)						
	Soil Condition									
	Soil Erosion	Classic Gully(2)								
	Water Quality	Harmful Levels of Pesticides in Ground Water(2)	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Harmful Levels of Pesticides in Surface Water(-1)	Excessive Nutrients and Organics in Surface Water(-1)					
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(1)	Excessive Subsurface Water(4)	Excessive Seepage(5)	Excessive Runoff, Flooding, or Ponding(3)				

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
607-Surface Drainage, Field Ditch (ft)	Air Quality									
	Domestic Animals	Inadequate Quantities and Quality of Feed and Forage(2)								
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(2)	Plants not adapted or suited(2)	Forage Quality and Palatability(2)						
	Soil Condition									
	Soil Erosion									
	Water Quality	Harmful Levels of Pesticides in Ground Water(1)	Harmful Levels of Pesticides in Surface Water(-1)	Excessive Nutrients and Organics in Surface Water(-1)						
	Water Quantity	Excessive Subsurface Water(5)	Excessive Seepage(5)	Excessive Runoff, Flooding, or Ponding(5)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
608-Surface Drainage, Main or Lateral (ft)	Air Quality									
	Domestic Animals	Inadequate Quantities and Quality of Feed and Forage(2)								
	Fish & Wildlife									
	Plant Condition	Productivity, Health and Vigor(2)	Plants not adapted or suited(2)	Forage Quality and Palatability(2)						
	Soil Condition									
	Soil Erosion									
	Water Quality	Harmful Levels of Pesticides in Surface Water(-1)	Excessive Nutrients and Organics in Surface Water(-1)							
	Water Quantity	Excessive Subsurface Water(5)	Excessive Seepage(5)	Excessive Runoff, Flooding, or Ponding(5)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
600-Terrace (ft, m)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition									
	Soil Condition	Organic Matter Depletion(1)	Damage from Sediment Deposition(1)							
	Soil Erosion	Streambank(1)	Sheet and Rill(5)	Road, road sides and Construction Sites(2)	Ephemeral Gully(4)	Classic Gully(3)				
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(2)	Excessive Nutrients and Organics in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(-2)					
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Excessive Runoff, Flooding, or Ponding(2)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
789-Transition to Organic Production (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (2)	Chemical Drift(4)							
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(1)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(1)	Inadequate Food(2)	Imbalance Among and Within Populations(4)					
	Plant Condition	Productivity, Health and Vigor(2)	Plants not adapted or suited(2)							
	Soil Condition	Organic Matter Depletion(2)	Damage from Sediment Deposition(1)	Contaminants - Residual Pesticides(5)	Contaminants - Commercial Fertilizer - Nitrogen(4)	Contaminants - Animal Waste and Other Organics - Nitrogen(1)	Compaction(1)			
	Soil Erosion	Sheet and Rill(2)	Irrigation-induced(1)	Ephemeral Gully(1)	Classic Gully(1)					
	Water Quality	Harmful Levels of Pesticides in Surface Water(4)	Harmful Levels of Pesticides in Ground Water(4)	Harmful Levels of Pathogens in Surface Water(1)	Harmful Levels of Pathogens in Groundwater(1)	Excessive Nutrients and Organics in Surface Water(2)				
	Water Quantity	Inefficient Water Use on Irrigated Land(1)								

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
612-Tree/Shrub Establishment (ac)	Air Quality	Undesirable Air Movement(2)	Objectionable Odors(1)	Excessive Greenhouse Gas – CO2 - carbon dioxide (5)	Chemical Drift(2)	Adverse Air Temperature(2)				
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(3)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(3)	Inadequate Space(4)	Inadequate Food(4)	Inadequate Cover/Shelter(4)	Imbalance Among and Within Populations(5)	Habitat Fragmentation(4)		
	Plant Condition	Productivity, Health and Vigor(4)	Plants not adapted or suited(3)	Noxious and Invasive Plants(2)						
	Soil Condition	Organic Matter Depletion(5)	Compaction(3)							
	Soil Erosion	Streambank(3)	Shoreline(3)	Sheet and Rill(5)	Road, road sides and Construction Sites(3)	Ephemeral Gully(4)	Classic Gully(3)			
	Water Quality	Harmful Levels of Pesticides in Ground Water(4)	Harmful Levels of Pathogens in Surface Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(5)	Excessive Nutrients and Organics in Surface Water(2)					
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(1)	Drifted Snow(3)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
660-Tree/Shrub Pruning (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (1)								
	Domestic Animals									
	Fish & Wildlife	Inadequate Food(2)	Inadequate Cover/Shelter(1)							
	Plant Condition	Wildfire Hazard(2)	Productivity, Health and Vigor(5)	Plants not adapted or suited(2)						
	Soil Condition									
	Soil Erosion									
	Water Quality	Harmful Levels of Pesticides in Ground Water(1)								
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
620-Underground Outlet (ft)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition									
	Soil Condition	Damage from Sediment Deposition(1)								
	Soil Erosion	Road, road sides and Construction Sites(1)	Ephemeral Gully(2)	Classic Gully(2)						
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(2)								
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Inadequate Outlets(3)	Excessive Runoff, Flooding, or Ponding(3)					

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
645-Upland Wildlife Habitat Management (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (2)								
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(5)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(5)	Inadequate Space(5)	Inadequate Food(5)	Inadequate Cover/Shelter(5)	Imbalance Among and Within Populations(5)	Habitat Fragmentation(5)		
	Plant Condition	Threatened or Endangered Plant Species: Declining Species, Species of Concern(5)	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA(5)	Productivity, Health and Vigor(4)	Plants not adapted or suited(4)	Noxious and Invasive Plants(4)	Forage Quality and Palatability(3)			
	Soil Condition	Organic Matter Depletion(3)	Compaction(3)							
	Soil Erosion	Streambank(1)	Shoreline(1)	Sheet and Rill(3)	Road, road sides and Construction Sites(1)	Ephemeral Gully(2)	Classic Gully(1)			
	Water Quality	Excessive Suspended Sediment and Turbidity in Surface Water(1)								
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
635-Vegetated Treatment Area (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (1)								
	Domestic Animals									
	Fish & Wildlife	Inadequate Food(1)	Inadequate Cover/Shelter(1)							
	Plant Condition	Productivity, Health and Vigor(2)	Plants not adapted or suited(2)	Noxious and Invasive Plants(2)						
	Soil Condition	Organic Matter Depletion(3)	Contaminants - Animal Waste and Other Organics - Nitrogen(2)	Compaction(3)						
	Soil Erosion	Streambank(1)	Shoreline(1)	Sheet and Rill(2)	Ephemeral Gully(1)	Classic Gully(1)				
	Water Quality	Harmful Levels of Pesticides in Surface Water(4)	Harmful Levels of Pathogens in Surface Water(4)	Harmful Levels of Pathogens in Groundwater(3)	Excessive Suspended Sediment and Turbidity in Surface Water(4)	Excessive Nutrients and Organics in Surface Water(4)	Excessive Nutrients and Organics in Groundwater(1)			
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(4)	Reduced Capacity of Conveyances by Sediment Deposition(4)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
313-Waste Storage Facility (no)	Air Quality	Objectionable Odors(-1)								
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition									
	Soil Condition									
	Soil Erosion									
	Water Quality	Harmful Levels of Pathogens in Surface Water(4)	Harmful Levels of Pathogens in Groundwater(3)	Excessive Nutrients and Organics in Surface Water(4)	Excessive Nutrients and Organics in Groundwater(3)					
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
359-Waste Treatment Lagoon (no)	Air Quality	Objectionable Odors(-1)								
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition									
	Soil Condition									
	Soil Erosion									
	Water Quality	Harmful Levels of Pathogens in Surface Water(4)	Harmful Levels of Pathogens in Groundwater(3)	Excessive Nutrients and Organics in Surface Water(4)	Excessive Nutrients and Organics in Groundwater(3)					
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
633-Waste Utilization (ac)	Air Quality	Objectionable Odors(4)	NH3 - Ammonia(2)	Excessive Ozone (2)	Excessive Greenhouse Gas – N2O - nitrous oxide(1)	Excessive Greenhouse Gas – CO2 - carbon dioxide (2)				
	Domestic Animals	Inadequate Quantities and Quality of Feed and Forage(3)								
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(1)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(1)	Inadequate Food(1)	Inadequate Cover/Shelter(1)					
	Plant Condition	Productivity, Health and Vigor(4)	Forage Quality and Palatability(2)	Noxious and Invasive Plants(-1)						
	Soil Condition	Organic Matter Depletion(2)	Contaminants - Commercial Fertilizer - Nitrogen(1)	Contaminants - Animal Waste and Other Organics - Nitrogen(2)	Compaction(-1)					
	Soil Erosion	Sheet and Rill(2)								
	Water Quality	Harmful Levels of Pesticides in Ground Water(2)	Harmful Levels of Pathogens in Surface Water(4)	Harmful Levels of Pathogens in Groundwater(1)	Excessive Nutrients and Organics in Surface Water(4)	Excessive Nutrients and Organics in Groundwater(1)				
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
629-Waste Treatment (no)	Air Quality	Objectionable Odors(3)								
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition									
	Soil Condition	Contaminants - Animal Waste and Other Organics - Nitrogen(2)								
	Soil Erosion									
	Water Quality	Harmful Levels of Pesticides in Ground Water(2)	Harmful Levels of Pathogens in Surface Water(4)	Harmful Levels of Pathogens in Groundwater(4)	Excessive Nutrients and Organics in Surface Water(4)	Excessive Nutrients and Organics in Groundwater(4)				
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
614-Watering Facility (no)	Air Quality									
	Domestic Animals	Inadequate Stock Water(5)	Inadequate Quantities and Quality of Feed and Forage(3)							
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(1)	Inadequate Water(1)							
	Plant Condition	Threatened or Endangered Plant Species: Declining Species, Species of Concern(1)	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA(1)	Productivity, Health and Vigor(2)	Noxious and Invasive Plants(1)	Forage Quality and Palatability(3)				
	Soil Condition	Compaction(1)								
	Soil Erosion	Streambank(3)	Shoreline(3)	Classic Gully(2)						
	Water Quality	Harmful Temperatures of Surface Water(2)	Harmful Levels of Pathogens in Surface Water(4)	Harmful Levels of Pathogens in Groundwater(1)	Excessive Suspended Sediment and Turbidity in Surface Water(5)	Excessive Nutrients and Organics in Surface Water(4)	Excessive Nutrients and Organics in Groundwater(1)			
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(1)	Reduced Capacity of Conveyances by Sediment Deposition(1)							

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
638-Water and Sediment Control Basin (no)	Air Quality									
	Domestic Animals									
	Fish & Wildlife									
	Plant Condition									
	Soil Condition									
	Soil Erosion	Road, road sides and Construction Sites(2)	Ephemeral Gully(2)	Classic Gully(2)						
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pathogens in Surface Water(1)	Harmful Levels of Pathogens in Groundwater(1)	Excessive Suspended Sediment and Turbidity in Surface Water(2)	Excessive Nutrients and Organics in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(-1)			
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(2)	Reduced Capacity of Conveyances by Sediment Deposition(2)	Excessive Runoff, Flooding, or Ponding(2)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
642-Water Well (no)	Air Quality									
	Domestic Animals	Inadequate Stock Water(5)								
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(1)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(2)	Inadequate Water(3)	Inadequate Space(2)	Imbalance Among and Within Populations(2)				
	Plant Condition									
	Soil Condition									
	Soil Erosion	Streambank(1)								
	Water Quality									
	Water Quantity									

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
659-Wetland Enhancement (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (2)	Adverse Air Temperature(3)	Objectionable Odors(-1)	Excessive Greenhouse Gas – CH4 - methane(-1)					
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(4)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(4)	Inadequate Water(5)	Inadequate Space(4)	Inadequate Food(5)	Inadequate Cover/Shelter(5)	Imbalance Among and Within Populations(4)	Habitat Fragmentation(4)	
	Plant Condition	Productivity, Health and Vigor(4)	Plants not adapted or suited(4)	Noxious and Invasive Plants(4)						
	Soil Condition	Organic Matter Depletion(1)	Contaminants - Commercial Fertilizer - Nitrogen(1)	Contaminants - Animal Waste and Other Organics - Nitrogen(1)						
	Soil Erosion	Shoreline(3)								
	Water Quality	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(1)	Harmful Levels of Pathogens in Surface Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(2)	Excessive Nutrients and Organics in Surface Water(3)	Excessive Nutrients and Organics in Groundwater(1)			
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(3)	Inadequate Outlets(3)	Excessive Runoff, Flooding, or Ponding(3)						

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
657-Wetland Restoration (ac)	Air Quality	Excessive Greenhouse Gas – CO2 - carbon dioxide (4)	Objectionable Odors(-1)	Excessive Greenhouse Gas – CH4 - methane(-1)						
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(5)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(5)	Inadequate Water(5)	Inadequate Space(5)	Inadequate Food(5)	Inadequate Cover/Shelter(5)	Imbalance Among and Within Populations(5)	Habitat Fragmentation(5)	
	Plant Condition	Threatened or Endangered Plant Species: Declining Species, Species of Concern(2)	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA(2)	Productivity, Health and Vigor(5)	Plants not adapted or suited(5)	Noxious and Invasive Plants(4)	Forage Quality and Palatability(1)			
	Soil Condition	Organic Matter Depletion(5)	Compaction(1)							
	Soil Erosion									
	Water Quality	Harmful Temperatures of Surface Water(1)	Harmful Levels of Pesticides in Surface Water(1)	Harmful Levels of Pesticides in Ground Water(1)	Harmful Levels of Pathogens in Surface Water(3)	Harmful Levels of Pathogens in Groundwater(1)	Excessive Suspended Sediment and Turbidity in Surface Water(3)	Excessive Nutrients and Organics in Surface Water(3)	Excessive Nutrients and Organics in Groundwater(1)	
	Water Quantity	Reduced Storage of Water Bodies by Sediment Accumulation(3)	Insufficient Flows in Water Courses(3)	Inadequate Outlets(2)	Excessive Runoff, Flooding, or Ponding(3)					

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
644-Wetland Wildlife Habitat Management (ac)	Air Quality									
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(5)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(5)	Inadequate Water(5)	Inadequate Space(5)	Inadequate Food(5)	Inadequate Cover/Shelter(5)	Imbalance Among and Within Populations(3)	Habitat Fragmentation(2)	
	Plant Condition	Threatened or Endangered Plant Species: Declining Species, Species of Concern(5)	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA(5)	Productivity, Health and Vigor(5)	Plants not adapted or suited(5)	Noxious and Invasive Plants(5)	Forage Quality and Palatability(4)			
	Soil Condition	Organic Matter Depletion(2)								
	Soil Erosion	Shoreline(3)								
	Water Quality	Harmful Temperatures of Surface Water(3)								
	Water Quantity	Inadequate Outlets(1)								

Conservation Practice Physical Effects (CPPE)

Conservation Practice	Resource Concern Category	Positive numbers indicate a lessening of the resource concern (an improvement). Negative numbers (red-shaded cells) indicate an intensifying of the resource concern (a detriment). The range is from 5 to -5. Blank indicates no effect.								
380-Windbreak/Shelterbelt Establishment (ft)	Air Quality	Undesirable Air Movement(5)	Reduced Visibility(1)	Objectionable Odors(4)	Excessive Greenhouse Gas – CO2 - carbon dioxide (3)	Chemical Drift(5)	Adverse Air Temperature(5)			
	Domestic Animals									
	Fish & Wildlife	T&E Species: Declining Species, Species of Concern(2)	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA(3)	Inadequate Space(2)	Inadequate Food(3)	Inadequate Cover/Shelter(3)	Imbalance Among and Within Populations(1)	Habitat Fragmentation(4)		
	Plant Condition	Productivity, Health and Vigor(5)	Plants not adapted or suited(5)	Noxious and Invasive Plants(4)						
	Soil Condition	Organic Matter Depletion(2)								
	Soil Erosion									
	Water Quality	Harmful Temperatures of Surface Water(1)	Harmful Levels of Pesticides in Surface Water(1)	Excessive Suspended Sediment and Turbidity in Surface Water(1)	Excessive Nutrients and Organics in Surface Water(1)					
	Water Quantity	Inefficient Water Use on Irrigated Land(3)	Drifted Snow(5)							