

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.

A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Access Road (ft)	Agrichemical Handling Facility (no)	Anaerobic Digester, Controlled Temperature (no)	Animal Trails and Walkways (ft)	Atmospheric Resource Quality Management (ac)	Brush Management (ac)	
	Resource Concern \ Practice Code	560	702	366	575	370	314	
Air Quality	Adverse Air Temperature							
	NH3 - Ammonia			3		3		
	Chemical Drift					3		
	Excessive Greenhouse Gas – CH4 - methane			3		3		
	Excessive Greenhouse Gas – CO2 - carbon dioxide			3		4		
	Excessive Greenhouse Gas – N2O - nitrous oxide			3		3		
	Excessive Ozone					2		
	Objectionable Odors			3		3		
	Reduced Visibility					3	4	
	Undesirable Air Movement					4		
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage						4	
	Inadequate Stock Water							
Fish & Wildlife	Imbalance Among and Within Populations	-1					3	
	Inadequate Cover/Shelter						3	
	Inadequate Food						3	
	Inadequate Space	-1			-1		3	
	Inadequate Water							
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA							3
	Habitat Fragmentation	-2				-1		3
T&E Species: Declining Species, Species of Concern							3	
Plant Condition	Forage Quality and Palatability						3	
	Noxious and Invasive Plants	-1			-1		5	
	Plants not adapted or suited							
	Productivity, Health and Vigor						3	
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA							2

Resource Concern Category	Practice	Access Road (ft)	Agrichemical Handling Facility (no)	Anaerobic Digester, Controlled Temperature (no)	Animal Trails and Walkways (ft)	Atmospheric Resource Quality Management (ac)	Brush Management (ac)
	<b>Resource Concern \ Practice Code</b>	<b>560</b>	<b>702</b>	<b>366</b>	<b>575</b>	<b>370</b>	<b>314</b>
	Wildfire Hazard	4				3	4
	Threatened or Endangered Plant Species: Declining Species, Species of Concern						2
Soil Condition	Compaction	-1				1	
	Contaminants - Residual Pesticides		5				
	Damage from Sediment Deposition						
	Organic Matter Depletion					2	1
	Contaminants - Animal Waste and Other Organics - Nitrogen					4	
	Contaminants - Commercial Fertilizer - Nitrogen			5		4	
Soil Erosion	Classic Gully						
	Ephemeral Gully					2	
	Irrigation-induced						
	Road, road sides and Construction Sites	2			2		
	Sheet and Rill					3	
	Shoreline						
	Streambank	3			3		
Water Quality	Excessive Nutrients and Organics in Groundwater		5	2			
	Excessive Nutrients and Organics in Surface Water		5	3	1	1	
	Excessive Suspended Sediment and Turbidity in Surface Water	1			1	1	
	Harmful Levels of Pathogens in Groundwater			2			
	Harmful Levels of Pathogens in Surface Water			3	2		
	Harmful Levels of Pesticides in Surface Water		5			3	
	Harmful Levels of Pesticides in Ground Water		4				-1
	Harmful Temperatures of Surface Water						
Water Quantity	Drifted Snow						
	Excessive Runoff, Flooding, or Ponding	1					
	Excessive Seepage						
	Excessive Subsurface Water						
	Inadequate Outlets	1					
	Inefficient Water Use on Irrigated Land						
	Insufficient Flows in Water Courses						
	Reduced Capacity of Conveyances by Sediment Deposition						
Reduced Storage of Water Bodies by Sediment Accumulation							

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.

A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Channel Stabilization (ft)	Clearing & Snagging (ft)	Composting Facility (no)	Conservation Cover (ac)	Conservation Crop Rotation (ac)	Contour Buffer Strips (ac)
		584	326	317	327	328	332
Air Quality	Adverse Air Temperature						
	NH3 - Ammonia						
	Chemical Drift					1	
	Excessive Greenhouse Gas – CH4 - methane				1		
	Excessive Greenhouse Gas – CO2 - carbon dioxide				2	1	1
	Excessive Greenhouse Gas – N2O - nitrous oxide				1	1	
	Excessive Ozone						
	Objectionable Odors			2			
	Reduced Visibility						
	Undesirable Air Movement						
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage					1	
	Inadequate Stock Water						
Fish & Wildlife	Imbalance Among and Within Populations		-2		2	2	2
	Inadequate Cover/Shelter	1	-2		3	2	3
	Inadequate Food	1	-2		2	2	1
	Inadequate Space	1	-2		2	1	2
	Inadequate Water						
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA	1	-2		3		1
	Habitat Fragmentation	1	-2		2	1	1
T&E Species: Declining Species, Species of Concern	1	-1		3		1	
Plant Condition	Forage Quality and Palatability						
	Noxious and Invasive Plants			1	4	2	
	Plants not adapted or suited	3			4	1	
	Productivity, Health and Vigor				4	4	1
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA						

Resource Concern Category	Practice	Channel Stabilization (ft)	Clearing & Snagging (ft)	Composting Facility (no)	Conservation Cover (ac)	Conservation Crop Rotation (ac)	Contour Buffer Strips (ac)
	Resource Concern \ Practice Code	584	326	317	327	328	332
	Wildfire Hazard						
	Threatened or Endangered Plant Species: Declining Species, Species of Concern						
Soil Condition	Compaction				3	3	
	Contaminants - Residual Pesticides				2	3	
	Damage from Sediment Deposition				2	1	1
	Organic Matter Depletion				4	3	2
	Contaminants - Animal Waste and Other Organics - Nitrogen				2	3	
	Contaminants - Commercial Fertilizer - Nitrogen				2	3	
Soil Erosion	Classic Gully	4			3	1	1
	Ephemeral Gully				4	2	2
	Irrigation-induced					1	1
	Road, road sides and Construction Sites						
	Sheet and Rill				5	4	4
	Shoreline				2		1
	Streambank	4	1		2		1
Water Quality	Excessive Nutrients and Organics in Groundwater			3	3	2	
	Excessive Nutrients and Organics in Surface Water			4	3	2	1
	Excessive Suspended Sediment and Turbidity in Surface Water	2	-1		3	2	2
	Harmful Levels of Pathogens in Groundwater			2			
	Harmful Levels of Pathogens in Surface Water			4		1	
	Harmful Levels of Pesticides in Surface Water				2	1	1
	Harmful Levels of Pesticides in Ground Water				3	2	
	Harmful Temperatures of Surface Water						
Water Quantity	Drifted Snow						
	Excessive Runoff, Flooding, or Ponding		1		1	1	1
	Excessive Seepage						
	Excessive Subsurface Water						
	Inadequate Outlets		2				
	Inefficient Water Use on Irrigated Land				1	1	
	Insufficient Flows in Water Courses	1					
	Reduced Capacity of Conveyances by Sediment Deposition	2	2		4	1	1
Reduced Storage of Water Bodies by Sediment Accumulation	2	1		1	1	1	

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.

A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Contour Farming (ac)	Cover Crop (ac)	Critical Area Planting (ac)	Dam (no, ac-ft)	Dam, Diversion (no)	Deep Tillage (ac)
		330	340	342	402	348	324
Air Quality	Adverse Air Temperature						
	NH3 - Ammonia						
	Chemical Drift						
	Excessive Greenhouse Gas – CH4 - methane						
	Excessive Greenhouse Gas – CO2 - carbon dioxide	1	1	2			
	Excessive Greenhouse Gas – N2O - nitrous oxide						
	Excessive Ozone						
	Objectionable Odors						
	Reduced Visibility						
	Undesirable Air Movement						
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage						
	Inadequate Stock Water				4		
Fish & Wildlife	Imbalance Among and Within Populations		1	1		-2	
	Inadequate Cover/Shelter		1	1		-3	
	Inadequate Food		1	1		-2	
	Inadequate Space		1	1		-2	
	Inadequate Water					-2	
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA			3			
	Habitat Fragmentation		1	1	-4	-2	
T&E Species: Declining Species, Species of Concern		1	3				
Plant Condition	Forage Quality and Palatability						
	Noxious and Invasive Plants		1	3			
	Plants not adapted or suited			4			1
	Productivity, Health and Vigor	1	1	4			2
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA						

Resource Concern Category	Practice	Contour Farming (ac)	Cover Crop (ac)	Critical Area Planting (ac)	Dam (no, ac-ft)	Dam, Diversion (no)	Deep Tillage (ac)
Resource Concern Category	Resource Concern \ Practice Code	330	340	342	402	348	324
	Wildfire Hazard						
	Threatened or Endangered Plant Species: Declining Species, Species of Concern						
Soil Condition	Compaction			3			4
	Contaminants - Residual Pesticides						
	Damage from Sediment Deposition	1	1	2	2		1
	Organic Matter Depletion	2	3	2			-1
	Contaminants - Animal Waste and Other Organics - Nitrogen		1				
	Contaminants - Commercial Fertilizer - Nitrogen		1				
Soil Erosion	Classic Gully	1		4	3		
	Ephemeral Gully	4	1	5			1
	Irrigation-induced	1					1
	Road, road sides and Construction Sites			5			
	Sheet and Rill	3	4	5			2
	Shoreline	1		4	-2		
	Streambank	1		4	1	-1	
Water Quality	Excessive Nutrients and Organics in Groundwater		1	1	-1		
	Excessive Nutrients and Organics in Surface Water	1	1	3			
	Excessive Suspended Sediment and Turbidity in Surface Water	1	1	3	3		1
	Harmful Levels of Pathogens in Groundwater						
	Harmful Levels of Pathogens in Surface Water				-2		
	Harmful Levels of Pesticides in Surface Water	1					
	Harmful Levels of Pesticides in Ground Water	-1	2				-2
	Harmful Temperatures of Surface Water					-2	
Water Quantity	Drifted Snow						
	Excessive Runoff, Flooding, or Ponding			1	2	3	1
	Excessive Seepage				-2		
	Excessive Subsurface Water				-1		
	Inadequate Outlets					3	
	Inefficient Water Use on Irrigated Land	1			3	3	1
	Insufficient Flows in Water Courses				-1	-2	
	Reduced Capacity of Conveyances by Sediment Deposition	1		4	3		
	Reduced Storage of Water Bodies by Sediment Accumulation	1		1			

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.

A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Dike (ft)	Diversion (ft)	Early Successional Habitat Development/ Mgt. (ac)	Fence (ft)	Field Border (ft)	Filter Strip (ac)	
	Resource Concern \ Practice Code	356	362	647	382	386	393	
Air Quality	Adverse Air Temperature							
	NH3 - Ammonia							
	Chemical Drift							
	Excessive Greenhouse Gas – CH4 - methane							
	Excessive Greenhouse Gas – CO2 - carbon dioxide			1		1	1	
	Excessive Greenhouse Gas – N2O - nitrous oxide							
	Excessive Ozone							
	Objectionable Odors							
	Reduced Visibility							
	Undesirable Air Movement							
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage				2			
	Inadequate Stock Water							
Fish & Wildlife	Imbalance Among and Within Populations			4		2	2	
	Inadequate Cover/Shelter		1	5		3	4	
	Inadequate Food		1	5		3	3	
	Inadequate Space			4	-1	2	2	
	Inadequate Water							
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA				5		2	3
	Habitat Fragmentation	-4			5	-1	1	1
T&E Species: Declining Species, Species of Concern				5		3	3	
Plant Condition	Forage Quality and Palatability				2			
	Noxious and Invasive Plants			2		2	2	
	Plants not adapted or suited			4	2	2	2	
	Productivity, Health and Vigor			4	3	2	2	
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA				5			

Resource Concern Category	Practice	Dike (ft)	Diversion (ft)	Early Successional Habitat Development/ Mgt. (ac)	Fence (ft)	Field Border (ft)	Filter Strip (ac)
	Resource Concern \ Practice Code	356	362	647	382	386	393
	Wildfire Hazard						
	Threatened or Endangered Plant Species: Declining Species, Species of Concern			5			
Soil Condition	Compaction						2
	Contaminants - Residual Pesticides						
	Damage from Sediment Deposition		1	1		1	
	Organic Matter Depletion		1	1		1	1
	Contaminants - Animal Waste and Other Organics - Nitrogen						
	Contaminants - Commercial Fertilizer - Nitrogen						
Soil Erosion	Classic Gully	1	3	1		1	1
	Ephemeral Gully		4	1		1	1
	Irrigation-induced						
	Road, road sides and Construction Sites	3	2				
	Sheet and Rill		2	1		1	1
	Shoreline			1		1	1
	Streambank	-2	2	1		1	1
Water Quality	Excessive Nutrients and Organics in Groundwater						
	Excessive Nutrients and Organics in Surface Water		1	1		1	4
	Excessive Suspended Sediment and Turbidity in Surface Water		2	1		1	4
	Harmful Levels of Pathogens in Groundwater						
	Harmful Levels of Pathogens in Surface Water						2
	Harmful Levels of Pesticides in Surface Water	2	1	1		1	4
	Harmful Levels of Pesticides in Ground Water	2	1			2	1
	Harmful Temperatures of Surface Water						
Water Quantity	Drifted Snow						
	Excessive Runoff, Flooding, or Ponding	3	2				
	Excessive Seepage	-1					
	Excessive Subsurface Water	-1					
	Inadequate Outlets	-2					
	Inefficient Water Use on Irrigated Land						
	Insufficient Flows in Water Courses						
	Reduced Capacity of Conveyances by Sediment Deposition	1	2	1		1	4
	Reduced Storage of Water Bodies by Sediment Accumulation	-1	2	1		1	4

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.  
  
A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Firebreak (ft)	Fish Passage (no)	Fish Pond Management (no)	Forage Harvest Management (ac)	Forest Site Preparation (ac)	Forest Stand Improvement (ac)	
	Resource Concern \ Practice Code	394	396	399	511	490	666	
Air Quality	Adverse Air Temperature							
	NH3 - Ammonia							
	Chemical Drift							
	Excessive Greenhouse Gas – CH4 - methane							
	Excessive Greenhouse Gas – CO2 - carbon dioxide						2	
	Excessive Greenhouse Gas – N2O - nitrous oxide							
	Excessive Ozone							
	Objectionable Odors							
	Reduced Visibility							
	Undesirable Air Movement							
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage				5			
	Inadequate Stock Water							
Fish & Wildlife	Imbalance Among and Within Populations		5		3		2	
	Inadequate Cover/Shelter		4		3		3	
	Inadequate Food		4		2		3	
	Inadequate Space		5		3		3	
	Inadequate Water		5					
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA			5				4
	Habitat Fragmentation			5		3		2
T&E Species: Declining Species, Species of Concern			5		5		3	
Plant Condition	Forage Quality and Palatability				5			
	Noxious and Invasive Plants	-1			3	3	4	
	Plants not adapted or suited	1			3	3	4	
	Productivity, Health and Vigor	3			2	5	5	
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA							

Resource Concern Category	Practice	Firebreak (ft)	Fish Passage (no)	Fish Pond Management (no)	Forage Harvest Management (ac)	Forest Site Preparation (ac)	Forest Stand Improvement (ac)
	<b>Resource Concern \ Practice Code</b>	<b>394</b>	<b>396</b>	<b>399</b>	<b>511</b>	<b>490</b>	<b>666</b>
	Wildfire Hazard	5				1	3
	Threatened or Endangered Plant Species: Declining Species, Species of Concern						
Soil Condition	Compaction						
	Contaminants - Residual Pesticides						
	Damage from Sediment Deposition						
	Organic Matter Depletion						
	Contaminants - Animal Waste and Other Organics - Nitrogen						
	Contaminants - Commercial Fertilizer - Nitrogen						
Soil Erosion	Classic Gully						
	Ephemeral Gully						
	Irrigation-induced						
	Road, road sides and Construction Sites						
	Sheet and Rill						
	Shoreline						
	Streambank		2				
Water Quality	Excessive Nutrients and Organics in Groundwater						
	Excessive Nutrients and Organics in Surface Water						
	Excessive Suspended Sediment and Turbidity in Surface Water						
	Harmful Levels of Pathogens in Groundwater						
	Harmful Levels of Pathogens in Surface Water						
	Harmful Levels of Pesticides in Surface Water						
	Harmful Levels of Pesticides in Ground Water				2		
	Harmful Temperatures of Surface Water		2				
Water Quantity	Drifted Snow						
	Excessive Runoff, Flooding, or Ponding						
	Excessive Seepage						
	Excessive Subsurface Water						
	Inadequate Outlets		1				
	Inefficient Water Use on Irrigated Land						
	Insufficient Flows in Water Courses						
	Reduced Capacity of Conveyances by Sediment Deposition		2				
	Reduced Storage of Water Bodies by Sediment Accumulation						

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.  
  
A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Forest Trails and Landings (ac)	Grade Stabilization Structure (no)	Grassed Waterway (ac)	Heavy Use Area Protection (ac)	Hedgerow Planting (ft)	Irrigation Regulating Reservoir (no)
	Resource Concern \ Practice Code	655	410	412	561	422	552
Air Quality	Adverse Air Temperature						
	NH3 - Ammonia						
	Chemical Drift					2	
	Excessive Greenhouse Gas – CH4 - methane						
	Excessive Greenhouse Gas – CO2 - carbon dioxide					1	
	Excessive Greenhouse Gas – N2O - nitrous oxide						
	Excessive Ozone						
	Objectionable Odors					2	
	Reduced Visibility					1	
	Undesirable Air Movement					3	
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage						
	Inadequate Stock Water						
Fish & Wildlife	Imbalance Among and Within Populations					2	
	Inadequate Cover/Shelter			2		4	
	Inadequate Food			2		4	
	Inadequate Space			1		2	
	Inadequate Water						
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA			1		1	
	Habitat Fragmentation			1		4	
	T&E Species: Declining Species, Species of Concern			1		4	
Plant Condition	Forage Quality and Palatability						
	Noxious and Invasive Plants	-1		1		2	
	Plants not adapted or suited			2		3	
	Productivity, Health and Vigor			2		2	2
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA						

Resource Concern Category	Practice	Forest Trails and Landings (ac)	Grade Stabilization Structure (no)	Grassed Waterway (ac)	Heavy Use Area Protection (ac)	Hedgerow Planting (ft)	Irrigation Regulating Reservoir (no)
	<b>Resource Concern \ Practice Code</b>	<b>655</b>	<b>410</b>	<b>412</b>	<b>561</b>	<b>422</b>	<b>552</b>
	Wildfire Hazard	3					
	Threatened or Endangered Plant Species: Declining Species, Species of Concern						
Soil Condition	Compaction				-1		
	Contaminants - Residual Pesticides						
	Damage from Sediment Deposition	1	1	1	1	-1	1
	Organic Matter Depletion					3	
	Contaminants - Animal Waste and Other Organics - Nitrogen						
	Contaminants - Commercial Fertilizer - Nitrogen						
Soil Erosion	Classic Gully	2	4	3	2		1
	Ephemeral Gully			2	3		
	Irrigation-induced						1
	Road, road sides and Construction Sites	2	2	2	2		
	Sheet and Rill						
	Shoreline		3				
Water Quality	Streambank		4	1			
	Excessive Nutrients and Organics in Groundwater				3		
	Excessive Nutrients and Organics in Surface Water			1	2	1	1
	Excessive Suspended Sediment and Turbidity in Surface Water	2	2	2	2	1	
	Harmful Levels of Pathogens in Groundwater				3		
	Harmful Levels of Pathogens in Surface Water				2		
	Harmful Levels of Pesticides in Surface Water			1		1	1
	Harmful Levels of Pesticides in Ground Water						2
Water Quantity	Harmful Temperatures of Surface Water					1	
	Drifted Snow					2	
	Excessive Runoff, Flooding, or Ponding			1			2
	Excessive Seepage						
	Excessive Subsurface Water						
	Inadequate Outlets	1		2			1
	Inefficient Water Use on Irrigated Land						4
	Insufficient Flows in Water Courses						
Reduced Capacity of Conveyances by Sediment Deposition		1	1	2	1		2
	Reduced Storage of Water Bodies by Sediment Accumulation	1	1	2	1		1

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.

A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Irrigation Storage Reservoir (no & ac-ft)	Irrigation System, Microirrigation (no & ac)	Irrigation System, Sprinkler (no & ac)	Irr. Water Conveyance, Pipeline, Aluminum Tubing (ft)	Irr. Water Conveyance, Pipeline, Asbestos-Cement (ft)	Irr. Water Conveyance, Pipeline, Nonreinforced Concrete (ft)
		436	441	442	430AA	430BB	430CC
Air Quality	Adverse Air Temperature						
	NH3 - Ammonia						
	Chemical Drift						
	Excessive Greenhouse Gas – CH4 - methane						
	Excessive Greenhouse Gas – CO2 - carbon dioxide						
	Excessive Greenhouse Gas – N2O - nitrous oxide						
	Excessive Ozone						
	Objectionable Odors						
	Reduced Visibility						
	Undesirable Air Movement						
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage						
	Inadequate Stock Water						
Fish & Wildlife	Imbalance Among and Within Populations						
	Inadequate Cover/Shelter						
	Inadequate Food						
	Inadequate Space						
	Inadequate Water		3	2			
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA	2	3	2			
	Habitat Fragmentation						
T&E Species: Declining Species, Species of Concern	1						
Plant Condition	Forage Quality and Palatability						
	Noxious and Invasive Plants						
	Plants not adapted or suited						
	Productivity, Health and Vigor	2	3	3	1	1	1
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA						

Resource Concern Category	Practice	Irrigation Storage Reservoir (no & ac-ft)	Irrigation System, Microirrigation (no & ac)	Irrigation System, Sprinkler (no & ac)	Irr. Water Conveyance, Pipeline, Aluminum Tubing (ft)	Irr. Water Conveyance, Pipeline, Asbestos-Cement (ft)	Irr. Water Conveyance, Pipeline, Nonreinforced Concrete (ft)
Resource Concern Category	Resource Concern \ Practice Code	436	441	442	430AA	430BB	430CC
	Wildfire Hazard						
	Threatened or Endangered Plant Species: Declining Species, Species of Concern						
Soil Condition	Compaction						
	Contaminants - Residual Pesticides						
	Damage from Sediment Deposition						
	Organic Matter Depletion						
	Contaminants - Animal Waste and Other Organics - Nitrogen						
	Contaminants - Commercial Fertilizer - Nitrogen						
Soil Erosion	Classic Gully	1					
	Ephemeral Gully						
	Irrigation-induced	1	4	3			
	Road, road sides and Construction Sites						
	Sheet and Rill						
	Shoreline						
	Streambank						
Water Quality	Excessive Nutrients and Organics in Groundwater		2	1			
	Excessive Nutrients and Organics in Surface Water		2	1	1	1	1
	Excessive Suspended Sediment and Turbidity in Surface Water		1	1	1	1	1
	Harmful Levels of Pathogens in Groundwater						
	Harmful Levels of Pathogens in Surface Water						
	Harmful Levels of Pesticides in Surface Water		2	1			
	Harmful Levels of Pesticides in Ground Water		3	2			
	Harmful Temperatures of Surface Water						
Water Quantity	Drifted Snow						
	Excessive Runoff, Flooding, or Ponding	2					
	Excessive Seepage						
	Excessive Subsurface Water						
	Inadequate Outlets	1					
	Inefficient Water Use on Irrigated Land	4	5	3	2	2	2
	Insufficient Flows in Water Courses		3	1	1	1	1
	Reduced Capacity of Conveyances by Sediment Deposition	2	2	2			
	Reduced Storage of Water Bodies by Sediment Accumulation	1	2	2			

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.

A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Irr. Water Conveyance, Pipeline, High-pressure, Underground, Plastic (ft)	Irr. Water Conveyance, Pipeline, Low-pressure, Underground, Plastic (ft)	Irr. Water Conveyance, Pipeline, Steel (ft)	Irr. Water Conveyance, Pipeline, Reinforced Plastic Mortar (ft)	Irrigation Water Management (ac)	Land Clearing (ac)
		430DD	430EE	430FF	430GG	449	460
Air Quality	Adverse Air Temperature					1	-2
	NH3 - Ammonia						
	Chemical Drift						
	Excessive Greenhouse Gas – CH4 - methane						
	Excessive Greenhouse Gas – CO2 - carbon dioxide						-1
	Excessive Greenhouse Gas – N2O - nitrous oxide						
	Excessive Ozone						
	Objectionable Odors						
	Reduced Visibility						-1
	Undesirable Air Movement						-1
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage					2	
	Inadequate Stock Water						
Fish & Wildlife	Imbalance Among and Within Populations						-2
	Inadequate Cover/Shelter						-2
	Inadequate Food						-2
	Inadequate Space						-3
	Inadequate Water						
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA					3	
	Habitat Fragmentation						-3
T&E Species: Declining Species, Species of Concern							
Plant Condition	Forage Quality and Palatability					2	
	Noxious and Invasive Plants						-2
	Plants not adapted or suited						
	Productivity, Health and Vigor	1	1	1	1	3	
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA						

Resource Concern Category	Practice	Irr. Water Conveyance, Pipeline, High-pressure, Underground, Plastic (ft)	Irr. Water Conveyance, Pipeline, Low-pressure, Underground, Plastic (ft)	Irr. Water Conveyance, Pipeline, Steel (ft)	Irr. Water Conveyance, Pipeline, Reinforced Plastic Mortar (ft)	Irrigation Water Management (ac)	Land Clearing (ac)
Resource Concern Category	Resource Concern \ Practice Code	430DD	430EE	430FF	430GG	449	460
	Wildfire Hazard						4
	Threatened or Endangered Plant Species: Declining Species, Species of Concern						
Soil Condition	Compaction						-1
	Contaminants - Residual Pesticides						
	Damage from Sediment Deposition						
	Organic Matter Depletion						-3
	Contaminants - Animal Waste and Other Organics - Nitrogen						
	Contaminants - Commercial Fertilizer - Nitrogen						
Soil Erosion	Classic Gully						
	Ephemeral Gully						
	Irrigation-induced					3	
	Road, road sides and Construction Sites						-2
	Sheet and Rill						
	Shoreline						
	Streambank						
Water Quality	Excessive Nutrients and Organics in Groundwater					2	
	Excessive Nutrients and Organics in Surface Water	1	1	1	1	2	-1
	Excessive Suspended Sediment and Turbidity in Surface Water	1	1	1	1	2	-1
	Harmful Levels of Pathogens in Groundwater					1	
	Harmful Levels of Pathogens in Surface Water					2	-1
	Harmful Levels of Pesticides in Surface Water					2	-1
	Harmful Levels of Pesticides in Ground Water					3	
	Harmful Temperatures of Surface Water						-2
Water Quantity	Drifted Snow						
	Excessive Runoff, Flooding, or Ponding						-1
	Excessive Seepage						
	Excessive Subsurface Water						
	Inadequate Outlets						
	Inefficient Water Use on Irrigated Land	2	2	2	2	4	
	Insufficient Flows in Water Courses	1	1	1	1	3	
	Reduced Capacity of Conveyances by Sediment Deposition					2	-1
	Reduced Storage of Water Bodies by Sediment Accumulation					2	-1

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.  
  
A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Land Smoothing (ac)	Lined Waterway or Outlet (ft)	Manure Transfer (no)	Mulching (ac)	Nutrient Management	Obstruction Removal (ac)
	Resource Concern \ Practice Code	466	468	634	484	590	500
Air Quality	Adverse Air Temperature				2		
	NH3 - Ammonia					2	
	Chemical Drift						
	Excessive Greenhouse Gas – CH4 - methane						
	Excessive Greenhouse Gas – CO2 - carbon dioxide	-1					
	Excessive Greenhouse Gas – N2O - nitrous oxide					1	
	Excessive Ozone						
	Objectionable Odors			-1		2	
	Reduced Visibility	-2					
	Undesirable Air Movement						
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage					4	1
	Inadequate Stock Water						
Fish & Wildlife	Imbalance Among and Within Populations						
	Inadequate Cover/Shelter		-2			2	-2
	Inadequate Food		-2			1	
	Inadequate Space						
	Inadequate Water						
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA					3	
	Habitat Fragmentation						
T&E Species: Declining Species, Species of Concern					2		
Plant Condition	Forage Quality and Palatability					5	
	Noxious and Invasive Plants				2		
	Plants not adapted or suited					1	
	Productivity, Health and Vigor	3			3	4	
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA						

Resource Concern Category	Practice	Land Smoothing (ac)	Lined Waterway or Outlet (ft)	Manure Transfer (no)	Mulching (ac)	Nutrient Management	Obstruction Removal (ac)
	Resource Concern \ Practice Code	466	468	634	484	590	500
	Wildfire Hazard						
	Threatened or Endangered Plant Species: Declining Species, Species of Concern						
Soil Condition	Compaction	-2			1		-1
	Contaminants - Residual Pesticides				1		
	Damage from Sediment Deposition	3	1		1		
	Organic Matter Depletion	-3			3	1	
	Contaminants - Animal Waste and Other Organics - Nitrogen				1	2	
	Contaminants - Commercial Fertilizer - Nitrogen				1	3	
Soil Erosion	Classic Gully		5		1		
	Ephemeral Gully	1	2		3		
	Irrigation-induced	1			2		
	Road, road sides and Construction Sites		2		4		
	Sheet and Rill				4		
	Shoreline		1		1		
	Streambank		1		1		
Water Quality	Excessive Nutrients and Organics in Groundwater	2		2		5	
	Excessive Nutrients and Organics in Surface Water	1		2	1	5	
	Excessive Suspended Sediment and Turbidity in Surface Water	1	2		2		
	Harmful Levels of Pathogens in Groundwater			2		1	
	Harmful Levels of Pathogens in Surface Water			2	1	3	
	Harmful Levels of Pesticides in Surface Water	1			1		
	Harmful Levels of Pesticides in Ground Water	1			1		
	Harmful Temperatures of Surface Water						
Water Quantity	Drifted Snow						
	Excessive Runoff, Flooding, or Ponding	3	1				
	Excessive Seepage	3					
	Excessive Subsurface Water	3					
	Inadequate Outlets		2				2
	Inefficient Water Use on Irrigated Land	3			2		2
	Insufficient Flows in Water Courses						
	Reduced Capacity of Conveyances by Sediment Deposition		2		2		1
	Reduced Storage of Water Bodies by Sediment Accumulation		2		2		1

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.

A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Pasture & Hay Planting (ac)	Pest Management (ac.)	Pipeline (ft)	Pond (no)	Pond Sealing or Lining, Bentonite Sealant (no)	Pond Sealing or Lining, Flexible Membrane (no)
	Resource Concern \ Practice Code	512	595	516	378	521C	521A
Air Quality	Adverse Air Temperature						
	NH3 - Ammonia						
	Chemical Drift		5				
	Excessive Greenhouse Gas – CH4 - methane						
	Excessive Greenhouse Gas – CO2 - carbon dioxide	3	2				
	Excessive Greenhouse Gas – N2O - nitrous oxide						
	Excessive Ozone						
	Objectionable Odors		2				
	Reduced Visibility						
	Undesirable Air Movement						
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage	5	5	3			
	Inadequate Stock Water			3	5	4	4
Fish & Wildlife	Imbalance Among and Within Populations	1	3		2		
	Inadequate Cover/Shelter	2	3		3		
	Inadequate Food	2	3		3		
	Inadequate Space	2	1		3		
	Inadequate Water				4		
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA			4			
	Habitat Fragmentation	1					
T&E Species: Declining Species, Species of Concern	3	3					
Plant Condition	Forage Quality and Palatability	5	4				
	Noxious and Invasive Plants	3	5				
	Plants not adapted or suited	5	5				
	Productivity, Health and Vigor	5	5	2			
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA			4			

Resource Concern Category	Practice	Pasture & Hay Planting (ac)	Pest Management (ac.)	Pipeline (ft)	Pond (no)	Pond Sealing or Lining, Bentonite Sealant (no)	Pond Sealing or Lining, Flexible Membrane (no)
Resource Concern Category	Resource Concern \ Practice Code	512	595	516	378	521C	521A
	Wildfire Hazard						
	Threatened or Endangered Plant Species: Declining Species, Species of Concern		4				
Soil Condition	Compaction	2	1				
	Contaminants - Residual Pesticides	3	5				
	Damage from Sediment Deposition	3					
	Organic Matter Depletion	4					
	Contaminants - Animal Waste and Other Organics - Nitrogen	1					
	Contaminants - Commercial Fertilizer - Nitrogen	2					
Soil Erosion	Classic Gully	2					
	Ephemeral Gully	5					
	Irrigation-induced						
	Road, road sides and Construction Sites						
	Sheet and Rill	5					
	Shoreline					1	1
	Streambank						
Water Quality	Excessive Nutrients and Organics in Groundwater	2				2	2
	Excessive Nutrients and Organics in Surface Water	3				2	2
	Excessive Suspended Sediment and Turbidity in Surface Water	4					
	Harmful Levels of Pathogens in Groundwater					2	2
	Harmful Levels of Pathogens in Surface Water	2					
	Harmful Levels of Pesticides in Surface Water	3	5			1	1
	Harmful Levels of Pesticides in Ground Water	2	5				
	Harmful Temperatures of Surface Water						
Water Quantity	Drifted Snow						
	Excessive Runoff, Flooding, or Ponding				2		
	Excessive Seepage					1	1
	Excessive Subsurface Water					1	1
	Inadequate Outlets						
	Inefficient Water Use on Irrigated Land				3	3	3
	Insufficient Flows in Water Courses						
	Reduced Capacity of Conveyances by Sediment Deposition	3					
Reduced Storage of Water Bodies by Sediment Accumulation	3						

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.  
  
A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Pond Sealing or Lining, Soil Dispersant (no)	Prescribed Forestry (ac)	Prescribed Grazing (ac)	Pumping Plant (no)	Recreation Land Grading and Shaping (ac)	Recreation Trail and Walkway (ft)
	Resource Concern \ Practice Code	521B	409	528	533	566	568
Air Quality	Adverse Air Temperature						
	NH3 - Ammonia						
	Chemical Drift						
	Excessive Greenhouse Gas – CH4 - methane						
	Excessive Greenhouse Gas – CO2 - carbon dioxide			1	3	-1	
	Excessive Greenhouse Gas – N2O - nitrous oxide				1		
	Excessive Ozone				2		
	Objectionable Odors						
	Reduced Visibility				1	1	1
	Undesirable Air Movement						
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage			5			
	Inadequate Stock Water	4			4		
Fish & Wildlife	Imbalance Among and Within Populations			4			
	Inadequate Cover/Shelter			4		-2	
	Inadequate Food			3		-2	
	Inadequate Space			4		-2	
	Inadequate Water						
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA						
	Habitat Fragmentation			4		-1	-1
T&E Species: Declining Species, Species of Concern				5			
Plant Condition	Forage Quality and Palatability			5			
	Noxious and Invasive Plants			4		4	-1
	Plants not adapted or suited			2			
	Productivity, Health and Vigor		5	4		3	4
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA						

Resource Concern Category	Practice	Pond Sealing or Lining, Soil Dispersant (no)	Prescribed Forestry (ac)	Prescribed Grazing (ac)	Pumping Plant (no)	Recreation Land Grading and Shaping (ac)	Recreation Trail and Walkway (ft)
Resource Concern Category	Resource Concern \ Practice Code	521B	409	528	533	566	568
	Wildfire Hazard						2
	Threatened or Endangered Plant Species: Declining Species, Species of Concern						
Soil Condition	Compaction			1			2
	Contaminants - Residual Pesticides						
	Damage from Sediment Deposition					2	
	Organic Matter Depletion			2		1	
	Contaminants - Animal Waste and Other Organics - Nitrogen			2			
	Contaminants - Commercial Fertilizer - Nitrogen						
Soil Erosion	Classic Gully			1		4	4
	Ephemeral Gully						
	Irrigation-induced						
	Road, road sides and Construction Sites						3
	Sheet and Rill						
	Shoreline	1				3	3
	Streambank					2	3
Water Quality	Excessive Nutrients and Organics in Groundwater	2					
	Excessive Nutrients and Organics in Surface Water	2		2			
	Excessive Suspended Sediment and Turbidity in Surface Water			1		2	2
	Harmful Levels of Pathogens in Groundwater	2					
	Harmful Levels of Pathogens in Surface Water			2			-2
	Harmful Levels of Pesticides in Surface Water	1					
	Harmful Levels of Pesticides in Ground Water			2			
	Harmful Temperatures of Surface Water						
Water Quantity	Drifted Snow						
	Excessive Runoff, Flooding, or Ponding					2	2
	Excessive Seepage	1					
	Excessive Subsurface Water	1					
	Inadequate Outlets					2	
	Inefficient Water Use on Irrigated Land	3			3		
	Insufficient Flows in Water Courses						
	Reduced Capacity of Conveyances by Sediment Deposition						2
	Reduced Storage of Water Bodies by Sediment Accumulation						2

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.

A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Residue and Tillage Management, No Till/Strip Till/Direct Seed (ac)	Residue Management, Mulch Till (ac)	Residue Management, Ridge Till (ac)	Residue Management, Seasonal (ac)	Riparian Forest Buffer (ac)	Roof Runoff Structure (no)
	Resource Concern \ Practice Code	329	345	346	344	391	558
Air Quality	Adverse Air Temperature					2	
	NH3 - Ammonia						
	Chemical Drift					2	
	Excessive Greenhouse Gas – CH4 - methane						
	Excessive Greenhouse Gas – CO2 - carbon dioxide	2	2	2	1	5	
	Excessive Greenhouse Gas – N2O - nitrous oxide						
	Excessive Ozone	1	1	1	1		
	Objectionable Odors					1	
	Reduced Visibility						
	Undesirable Air Movement					2	
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage						
	Inadequate Stock Water						
Fish & Wildlife	Imbalance Among and Within Populations	1	1	1		5	
	Inadequate Cover/Shelter	3	2	2	2	5	
	Inadequate Food	2	2	1	1	5	
	Inadequate Space	3	2	1	1	5	
	Inadequate Water						
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA	1	1	1	1	5	
	Habitat Fragmentation	2	1	1		5	
T&E Species: Declining Species, Species of Concern	1	1	1	1	5		
Plant Condition	Forage Quality and Palatability						
	Noxious and Invasive Plants					2	
	Plants not adapted or suited					4	
	Productivity, Health and Vigor	2	2	1	1	5	
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA					2	

Resource Concern Category	Practice	Residue and Tillage Management, No Till/Strip Till/Direct Seed (ac)	Residue Management, Mulch Till (ac)	Residue Management, Ridge Till (ac)	Residue Management, Seasonal (ac)	Riparian Forest Buffer (ac)	Roof Runoff Structure (no)
Resource Concern Category	Resource Concern \ Practice Code	329	345	346	344	391	558
	Wildfire Hazard						
	Threatened or Endangered Plant Species: Declining Species, Species of Concern					2	
Soil Condition	Compaction	2	1	1	1	3	
	Contaminants - Residual Pesticides						
	Damage from Sediment Deposition	2	1	1	1		
	Organic Matter Depletion	4	3	2	1	3	
	Contaminants - Animal Waste and Other Organics - Nitrogen						
	Contaminants - Commercial Fertilizer - Nitrogen						
Soil Erosion	Classic Gully	1	1	1	1	1	1
	Ephemeral Gully	3	2	1	1	1	
	Irrigation-induced	1	1	1	1		
	Road, road sides and Construction Sites						
	Sheet and Rill	4	4	3	2	1	
	Shoreline					3	
	Streambank					3	
Water Quality	Excessive Nutrients and Organics in Groundwater					1	2
	Excessive Nutrients and Organics in Surface Water	1	1	1	1	4	2
	Excessive Suspended Sediment and Turbidity in Surface Water	3	2	2	1	5	1
	Harmful Levels of Pathogens in Groundwater						2
	Harmful Levels of Pathogens in Surface Water					3	3
	Harmful Levels of Pesticides in Surface Water	1	1	1	1	4	
	Harmful Levels of Pesticides in Ground Water	1	1	1		3	
	Harmful Temperatures of Surface Water					5	
Water Quantity	Drifted Snow						
	Excessive Runoff, Flooding, or Ponding						
	Excessive Seepage						
	Excessive Subsurface Water						
	Inadequate Outlets						
	Inefficient Water Use on Irrigated Land	2	1	1	1		
	Insufficient Flows in Water Courses						1
	Reduced Capacity of Conveyances by Sediment Deposition	3	2	2	1	4	1
	Reduced Storage of Water Bodies by Sediment Accumulation	3	2	2	1	4	1

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.  
  
A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Row Arrangement (ac)	Sediment Basin (no)	Spring Development (no)	Streambank and Shoreline Protection (ft)	Stream Crossing (no)	Stream Habitat Improvement and Management (ac)	
	Resource Concern \ Practice Code	557	350	574	580	578	395	
Air Quality	Adverse Air Temperature							
	NH3 - Ammonia							
	Chemical Drift							
	Excessive Greenhouse Gas – CH4 - methane							
	Excessive Greenhouse Gas – CO2 - carbon dioxide	1						
	Excessive Greenhouse Gas – N2O - nitrous oxide							
	Excessive Ozone							
	Objectionable Odors							
	Reduced Visibility							
	Undesirable Air Movement							
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage							
	Inadequate Stock Water			5				
Fish & Wildlife	Imbalance Among and Within Populations			2	2		4	
	Inadequate Cover/Shelter				2	-1	5	
	Inadequate Food				2		4	
	Inadequate Space		2	3	2	-1	3	
	Inadequate Water			3				
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA		1			3	2	4
	Habitat Fragmentation					1	-1	3
T&E Species: Declining Species, Species of Concern		1			3	2	4	
Plant Condition	Forage Quality and Palatability							
	Noxious and Invasive Plants				3		3	
	Plants not adapted or suited				2		4	
	Productivity, Health and Vigor	1			2		2	
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA					2		1

Resource Concern Category	Practice	Row Arrangement (ac)	Sediment Basin (no)	Spring Development (no)	Streambank and Shoreline Protection (ft)	Stream Crossing (no)	Stream Habitat Improvement and Management (ac)
	<b>Resource Concern \ Practice Code</b>	<b>557</b>	<b>350</b>	<b>574</b>	<b>580</b>	<b>578</b>	<b>395</b>
	Wildfire Hazard						
	Threatened or Endangered Plant Species: Declining Species, Species of Concern				2		2
Soil Condition	Compaction						
	Contaminants - Residual Pesticides						
	Damage from Sediment Deposition	1					
	Organic Matter Depletion	1					3
	Contaminants - Animal Waste and Other Organics - Nitrogen						
	Contaminants - Commercial Fertilizer - Nitrogen						
Soil Erosion	Classic Gully	1					
	Ephemeral Gully	2					
	Irrigation-induced	1					
	Road, road sides and Construction Sites						
	Sheet and Rill	2					
	Shoreline				5		
	Streambank	1		1	5	3	1
Water Quality	Excessive Nutrients and Organics in Groundwater						
	Excessive Nutrients and Organics in Surface Water	1	3	1	1	2	
	Excessive Suspended Sediment and Turbidity in Surface Water	1	3	1	4	2	3
	Harmful Levels of Pathogens in Groundwater						
	Harmful Levels of Pathogens in Surface Water		1			2	
	Harmful Levels of Pesticides in Surface Water	1	1				
	Harmful Levels of Pesticides in Ground Water	-1	-1				
	Harmful Temperatures of Surface Water				1		3
Water Quantity	Drifted Snow						
	Excessive Runoff, Flooding, or Ponding						
	Excessive Seepage						
	Excessive Subsurface Water						
	Inadequate Outlets					1	
	Inefficient Water Use on Irrigated Land	1					
	Insufficient Flows in Water Courses						
	Reduced Capacity of Conveyances by Sediment Deposition	1	3		3		
	Reduced Storage of Water Bodies by Sediment Accumulation	1	3		3		

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.

A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Stripcropping (ac)	Structure for Water Control (no)	Subsurface Drain (ft)	Surface Drainage, Field Ditch (ft)	Surface Drainage, Main or Lateral (ft)	Terrace (ft, m)
	Resource Concern \ Practice Code	585	587	606	607	608	600
Air Quality	Adverse Air Temperature						
	NH3 - Ammonia						
	Chemical Drift						
	Excessive Greenhouse Gas – CH4 - methane						
	Excessive Greenhouse Gas – CO2 - carbon dioxide	2					
	Excessive Greenhouse Gas – N2O - nitrous oxide						
	Excessive Ozone						
	Objectionable Odors						
	Reduced Visibility						
	Undesirable Air Movement						
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage			2	2	2	
	Inadequate Stock Water						
Fish & Wildlife	Imbalance Among and Within Populations	2					
	Inadequate Cover/Shelter	3	1				
	Inadequate Food	2	1				
	Inadequate Space	3	2				
	Inadequate Water		3				
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA	1					
	Habitat Fragmentation	1					
T&E Species: Declining Species, Species of Concern	2						
Plant Condition	Forage Quality and Palatability			2	2	2	
	Noxious and Invasive Plants						
	Plants not adapted or suited			2	2	2	
	Productivity, Health and Vigor	1		3	2	2	
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA						

Resource Concern Category	Practice	Stripcropping (ac)	Structure for Water Control (no)	Subsurface Drain (ft)	Surface Drainage, Field Ditch (ft)	Surface Drainage, Main or Lateral (ft)	Terrace (ft, m)
Resource Concern Category	Resource Concern \ Practice Code	585	587	606	607	608	600
	Wildfire Hazard						
	Threatened or Endangered Plant Species: Declining Species, Species of Concern						
Soil Condition	Compaction						
	Contaminants - Residual Pesticides						
	Damage from Sediment Deposition	2					1
	Organic Matter Depletion	1					1
	Contaminants - Animal Waste and Other Organics - Nitrogen						
	Contaminants - Commercial Fertilizer - Nitrogen						
Soil Erosion	Classic Gully	1		2			3
	Ephemeral Gully	3					4
	Irrigation-induced	1					
	Road, road sides and Construction Sites						2
	Sheet and Rill	4					5
	Shoreline						
	Streambank	1					1
Water Quality	Excessive Nutrients and Organics in Groundwater						
	Excessive Nutrients and Organics in Surface Water	2		-1	-1	-1	1
	Excessive Suspended Sediment and Turbidity in Surface Water	3	1	1			2
	Harmful Levels of Pathogens in Groundwater						
	Harmful Levels of Pathogens in Surface Water	1					
	Harmful Levels of Pesticides in Surface Water	2		-1	-1	-1	1
	Harmful Levels of Pesticides in Ground Water			2	1		-2
	Harmful Temperatures of Surface Water						
Water Quantity	Drifted Snow						
	Excessive Runoff, Flooding, or Ponding	1	2	3	5	5	2
	Excessive Seepage			5	5	5	
	Excessive Subsurface Water			4	5	5	
	Inadequate Outlets						
	Inefficient Water Use on Irrigated Land		2				
	Insufficient Flows in Water Courses		1				
	Reduced Capacity of Conveyances by Sediment Deposition	2	2	1			2
	Reduced Storage of Water Bodies by Sediment Accumulation	2	2	1			2

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.

A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Transition to Organic Production (ac)	Tree/Shrub Establishment (ac)	Tree/Shrub Pruning (ac)	Underground Outlet (ft)	Upland Wildlife Habitat Management (ac)	Use Exclusion (ac)
	Resource Concern \ Practice Code	789	612	660	620	645	472
Air Quality	Adverse Air Temperature		2				
	NH3 - Ammonia						
	Chemical Drift	4	2				
	Excessive Greenhouse Gas – CH4 - methane						
	Excessive Greenhouse Gas – CO2 - carbon dioxide	2	5	1		2	
	Excessive Greenhouse Gas – N2O - nitrous oxide						
	Excessive Ozone						
	Objectionable Odors		1				
	Reduced Visibility						
	Undesirable Air Movement		2				
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage						
	Inadequate Stock Water						
Fish & Wildlife	Imbalance Among and Within Populations	4	5			5	3
	Inadequate Cover/Shelter		4	1		5	3
	Inadequate Food	2	4	2		5	2
	Inadequate Space		4			5	2
	Inadequate Water						
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA	1	3			5	3
	Habitat Fragmentation		4			5	4
T&E Species: Declining Species, Species of Concern	1	3			5	4	
Plant Condition	Forage Quality and Palatability					3	
	Noxious and Invasive Plants		2			4	1
	Plants not adapted or suited	2	3	2		4	
	Productivity, Health and Vigor	2	4	5		4	3
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA					5	3

Resource Concern Category	Practice	Transition to Organic Production (ac)	Tree/Shrub Establishment (ac)	Tree/Shrub Pruning (ac)	Underground Outlet (ft)	Upland Wildlife Habitat Management (ac)	Use Exclusion (ac)
	<b>Resource Concern \ Practice Code</b>	<b>789</b>	<b>612</b>	<b>660</b>	<b>620</b>	<b>645</b>	<b>472</b>
	Wildfire Hazard			2			
	Threatened or Endangered Plant Species: Declining Species, Species of Concern					5	2
Soil Condition	Compaction	1	3			3	3
	Contaminants - Residual Pesticides	5					
	Damage from Sediment Deposition	1			1		1
	Organic Matter Depletion	2	5			3	
	Contaminants - Animal Waste and Other Organics - Nitrogen	1					2
	Contaminants - Commercial Fertilizer - Nitrogen	4					
Soil Erosion	Classic Gully	1	3		2	1	2
	Ephemeral Gully	1	4		2	2	
	Irrigation-induced	1					
	Road, road sides and Construction Sites		3		1	1	2
	Sheet and Rill	2	5			3	
	Shoreline		3			1	3
	Streambank		3			1	3
Water Quality	Excessive Nutrients and Organics in Groundwater						
	Excessive Nutrients and Organics in Surface Water	2	2				4
	Excessive Suspended Sediment and Turbidity in Surface Water		5		2	1	4
	Harmful Levels of Pathogens in Groundwater	1					
	Harmful Levels of Pathogens in Surface Water	1	1				4
	Harmful Levels of Pesticides in Surface Water	4					
	Harmful Levels of Pesticides in Ground Water	4	4	1			
	Harmful Temperatures of Surface Water						1
Water Quantity	Drifted Snow		3				
	Excessive Runoff, Flooding, or Ponding				3		
	Excessive Seepage						
	Excessive Subsurface Water						
	Inadequate Outlets				3		
	Inefficient Water Use on Irrigated Land	1					
	Insufficient Flows in Water Courses						
	Reduced Capacity of Conveyances by Sediment Deposition		1		2		2
	Reduced Storage of Water Bodies by Sediment Accumulation		1		2		2

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.

A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Waste Storage Facility (no)	Waste Treatment Lagoon (no)	Waste Utilization (ac)	Waste Treatment (no)	Wastewater Treatment Strip (ac)	Watering Facility (no)
		313	359	633	629	635	614
Air Quality	Adverse Air Temperature						
	NH3 - Ammonia			2			
	Chemical Drift						
	Excessive Greenhouse Gas – CH4 - methane						
	Excessive Greenhouse Gas – CO2 - carbon dioxide			2		1	
	Excessive Greenhouse Gas – N2O - nitrous oxide			1			
	Excessive Ozone			2			
	Objectionable Odors	-1	-1	4	3		
	Reduced Visibility						
	Undesirable Air Movement						
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage			3			3
	Inadequate Stock Water						5
Fish & Wildlife	Imbalance Among and Within Populations						
	Inadequate Cover/Shelter			1		1	
	Inadequate Food			1		1	
	Inadequate Space						
	Inadequate Water						1
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA			1			
	Habitat Fragmentation						
T&E Species: Declining Species, Species of Concern			1			1	
Plant Condition	Forage Quality and Palatability			2			3
	Noxious and Invasive Plants			-1		2	1
	Plants not adapted or suited					2	
	Productivity, Health and Vigor			4		2	2
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA						1

Resource Concern Category	Practice	Waste Storage Facility (no)	Waste Treatment Lagoon (no)	Waste Utilization (ac)	Waste Treatment (no)	Wastewater Treatment Strip (ac)	Watering Facility (no)
Resource Concern Category	Resource Concern \ Practice Code	313	359	633	629	635	614
	Wildfire Hazard						
	Threatened or Endangered Plant Species: Declining Species, Species of Concern						1
Soil Condition	Compaction			-1		3	1
	Contaminants - Residual Pesticides						
	Damage from Sediment Deposition						
	Organic Matter Depletion			2		3	
	Contaminants - Animal Waste and Other Organics - Nitrogen			2	2	2	
	Contaminants - Commercial Fertilizer - Nitrogen			1			
Soil Erosion	Classic Gully					1	2
	Ephemeral Gully					1	
	Irrigation-induced						
	Road, road sides and Construction Sites						
	Sheet and Rill			2		2	
	Shoreline					1	3
	Streambank					1	3
Water Quality	Excessive Nutrients and Organics in Groundwater	3	3	1	4	1	1
	Excessive Nutrients and Organics in Surface Water	4	4	4	4	4	4
	Excessive Suspended Sediment and Turbidity in Surface Water					4	5
	Harmful Levels of Pathogens in Groundwater	3	3	1	4	3	1
	Harmful Levels of Pathogens in Surface Water	4	4	4	4	4	4
	Harmful Levels of Pesticides in Surface Water					4	
	Harmful Levels of Pesticides in Ground Water			2	2		
	Harmful Temperatures of Surface Water						2
Water Quantity	Drifted Snow						
	Excessive Runoff, Flooding, or Ponding						
	Excessive Seepage						
	Excessive Subsurface Water						
	Inadequate Outlets						
	Inefficient Water Use on Irrigated Land						
	Insufficient Flows in Water Courses						
	Reduced Capacity of Conveyances by Sediment Deposition					4	1
	Reduced Storage of Water Bodies by Sediment Accumulation					4	1

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.  
  
A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Water and Sediment Control Basin (no)	Water Well (no)	Well Decommissioning (no)	Wetland Enhancement (ac)	Wetland Restoration (ac)	Wetland Wildlife Habitat Management (ac)	
	Resource Concern \ Practice Code	638	642	351	659	657	644	
Air Quality	Adverse Air Temperature				3			
	NH3 - Ammonia							
	Chemical Drift							
	Excessive Greenhouse Gas – CH4 - methane				-1	-1		
	Excessive Greenhouse Gas – CO2 - carbon dioxide				2	4		
	Excessive Greenhouse Gas – N2O - nitrous oxide							
	Excessive Ozone							
	Objectionable Odors				-1	-1		
	Reduced Visibility							
	Undesirable Air Movement							
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage							
	Inadequate Stock Water		5					
Fish & Wildlife	Imbalance Among and Within Populations		2		4	5	3	
	Inadequate Cover/Shelter				5	5	5	
	Inadequate Food				5	5	5	
	Inadequate Space		2		4	5	5	
	Inadequate Water		3		5	5	5	
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA			2		4	5	5
	Habitat Fragmentation					4	5	2
T&E Species: Declining Species, Species of Concern			1		4	5	5	
Plant Condition	Forage Quality and Palatability					1	4	
	Noxious and Invasive Plants				4	4	5	
	Plants not adapted or suited				4	5	5	
	Productivity, Health and Vigor				4	5	5	
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA					2	5	

Resource Concern Category	Practice	Water and Sediment Control Basin (no)	Water Well (no)	Well Decommissioning (no)	Wetland Enhancement (ac)	Wetland Restoration (ac)	Wetland Wildlife Habitat Management (ac)
Resource Concern Category	Resource Concern \ Practice Code	638	642	351	659	657	644
	Wildfire Hazard						
	Threatened or Endangered Plant Species: Declining Species, Species of Concern					2	5
Soil Condition	Compaction					1	
	Contaminants - Residual Pesticides						
	Damage from Sediment Deposition						
	Organic Matter Depletion				1	5	2
	Contaminants - Animal Waste and Other Organics - Nitrogen				1		
	Contaminants - Commercial Fertilizer - Nitrogen				1		
Soil Erosion	Classic Gully	2					
	Ephemeral Gully	2					
	Irrigation-induced						
	Road, road sides and Construction Sites	2					
	Sheet and Rill						
	Shoreline				3		3
	Streambank		1				
Water Quality	Excessive Nutrients and Organics in Groundwater			5	1	1	
	Excessive Nutrients and Organics in Surface Water	1			3	3	
	Excessive Suspended Sediment and Turbidity in Surface Water	2			2	3	
	Harmful Levels of Pathogens in Groundwater	1		5		1	
	Harmful Levels of Pathogens in Surface Water	1			1	3	
	Harmful Levels of Pesticides in Surface Water	1		5	1	1	
	Harmful Levels of Pesticides in Ground Water	-1		3	1	1	
	Harmful Temperatures of Surface Water					1	3
Water Quantity	Drifted Snow						
	Excessive Runoff, Flooding, or Ponding	2			3	3	
	Excessive Seepage						
	Excessive Subsurface Water						
	Inadequate Outlets				3	2	1
	Inefficient Water Use on Irrigated Land						
	Insufficient Flows in Water Courses					3	
	Reduced Capacity of Conveyances by Sediment Deposition	2					
Reduced Storage of Water Bodies by Sediment Accumulation	2				3	3	

-5	= Significant Increase
-4	= Moderate to Significant Increase
-3	= Moderate Increase
-2	= Slight to Moderate Increase
-1	= Slight Increase
Blank	= Insignificant or Neutral
1	= Slight Decrease
2	= Slight to Moderate Decrease
3	= Moderate Decrease
4	= Moderate to Significant Decrease
5	= Significant Decrease

**Note:** An **increase** (negative number) denotes an intensifying of the resource concern.

A **decrease** (positive number) denotes a lessening of the resource concern.

Resource Concern Category	Practice	Windbreak/Shelterbelt Establishment (ft)
	<b>Resource Concern \ Practice Code</b>	<b>380</b>
Air Quality	Adverse Air Temperature	5
	NH3 - Ammonia	
	Chemical Drift	5
	Excessive Greenhouse Gas – CH4 - methane	
	Excessive Greenhouse Gas – CO2 - carbon dioxide	3
	Excessive Greenhouse Gas – N2O - nitrous oxide	
	Excessive Ozone	
	Objectionable Odors	4
	Reduced Visibility	1
	Undesirable Air Movement	5
Domestic Animals	Inadequate Quantities and Quality of Feed and Forage	
	Inadequate Stock Water	
Fish & Wildlife	Imbalance Among and Within Populations	1
	Inadequate Cover/Shelter	3
	Inadequate Food	3
	Inadequate Space	2
	Inadequate Water	
	T&E F&W Species: F&W Species Listed or Proposed for Listing Under the ESA	3
	Habitat Fragmentation	4
T&E Species: Declining Species, Species of Concern	2	
Plant Condition	Forage Quality and Palatability	
	Noxious and Invasive Plants	4
	Plants not adapted or suited	5
	Productivity, Health and Vigor	5
	T or E Plant Species: Plant Species Listed or Proposed for Listing Under the ESA	

Resource Concern Category	Practice	Windbreak/Shelterbelt Establishment (ft)
Resource Concern \ Practice Code		380
	Wildfire Hazard	
	Threatened or Endangered Plant Species: Declining Species, Species of Concern	
Soil Condition	Compaction	
	Contaminants - Residual Pesticides	
	Damage from Sediment Deposition	
	Organic Matter Depletion	2
	Contaminants - Animal Waste and Other Organics - Nitrogen	
	Contaminants - Commercial Fertilizer - Nitrogen	
Soil Erosion	Classic Gully	
	Ephemeral Gully	
	Irrigation-induced	
	Road, road sides and Construction Sites	
	Sheet and Rill	
	Shoreline	
	Streambank	
Water Quality	Excessive Nutrients and Organics in Groundwater	
	Excessive Nutrients and Organics in Surface Water	1
	Excessive Suspended Sediment and Turbidity in Surface Water	1
	Harmful Levels of Pathogens in Groundwater	
	Harmful Levels of Pathogens in Surface Water	
	Harmful Levels of Pesticides in Surface Water	1
	Harmful Levels of Pesticides in Ground Water	
	Harmful Temperatures of Surface Water	1
Water Quantity	Drifted Snow	5
	Excessive Runoff, Flooding, or Ponding	
	Excessive Seepage	
	Excessive Subsurface Water	
	Inadequate Outlets	
	Inefficient Water Use on Irrigated Land	3
	Insufficient Flows in Water Courses	
	Reduced Capacity of Conveyances by Sediment Deposition	
	Reduced Storage of Water Bodies by Sediment Accumulation	