

National Ranking Template																	
Template Name		NWQI															
Program		EQIP															
Land Uses		Modifiers (the modifiers- must be met and are not or but and)															
	Included		Included		Included		Included		Included		Included		Included		Included		Included
Crop	<input checked="" type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>	Hayed	<input type="checkbox"/>	Drained	<input type="checkbox"/>	Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>
Forest	<input checked="" type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>					Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>
Range	<input checked="" type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>			Hayed	<input type="checkbox"/>			Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>
Pasture	<input checked="" type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>	Hayed	<input type="checkbox"/>	Drained	<input type="checkbox"/>	Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>
Farmstead	<input checked="" type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>					Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>
Developed Land	<input type="checkbox"/>			Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>					Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>
Water	<input checked="" type="checkbox"/>			Wildlife	<input type="checkbox"/>							Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>
Other Rural Land	<input checked="" type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>					Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>
Associated Ag Land	<input checked="" type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>	Hayed	<input type="checkbox"/>			Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>
Resource Concern Categories	Min%	Default	Max%	Included													
Air Quality emissions	0	0	0	<input type="checkbox"/>													
Emmissions of airborne reactive nitrogen				<input type="checkbox"/>													
Emmissions of greenhouse gases - GHGs				<input type="checkbox"/>													
Emmissions of ozone precursors				<input type="checkbox"/>													
Emmissions of particulate matter (PM) and PM precursors				<input type="checkbox"/>													
Objectionable odor				<input type="checkbox"/>													
Total		0															
Aquatic Habitat	0	5	10	<input checked="" type="checkbox"/>													
Aquatic habitat for fish and other organisms	0	50	100	<input checked="" type="checkbox"/>													
Elevated water temperature	0	50	100	<input checked="" type="checkbox"/>													
Total		100															
Concentrated Erosion	10	15	40	<input checked="" type="checkbox"/>													
Bank erosion from streams, shorelines, or water conveyances channels	20	50	60	<input checked="" type="checkbox"/>													
Classic gully erosion	20	35	60	<input checked="" type="checkbox"/>													
Ephemeral gully erosion	15	15	60	<input checked="" type="checkbox"/>													
Total		100															
Degraded Plant Condition	0	0	0	<input type="checkbox"/>													
Plant productivity and health				<input type="checkbox"/>													
Plant structure and composition				<input type="checkbox"/>													
Total		0															
Field Pesticide Loss	0	5	5	<input checked="" type="checkbox"/>													
Pesticides transported to groundwater	0	60	100	<input checked="" type="checkbox"/>													
Pesticides transported to surface water	0	40	100	<input checked="" type="checkbox"/>													

Total		100			
Field Sediment, Nutrient, and Pathogen Loss	20	30	80	<input checked="" type="checkbox"/>	
Nutrients transported to groundwater	10	20	60	<input checked="" type="checkbox"/>	
Nutrients transported to surface water	10	20	60	<input checked="" type="checkbox"/>	
Pathogens and chemicals from manure, biosolids, or compost applications transported to groundwater	10	20	60	<input checked="" type="checkbox"/>	
Pathogens and chemicals from manure, biosolids, or compost applications transported to surface water	10	20	60	<input checked="" type="checkbox"/>	
Sediment transported to surface water	10	20	60	<input checked="" type="checkbox"/>	
Total		100			
Fire Management	0	0	0	<input type="checkbox"/>	
Wildfire hazard from biomass accumulation				<input type="checkbox"/>	
Total		0			
Inefficient Energy Use	0	0	0	<input type="checkbox"/>	
Energy efficient equipment and facilities				<input type="checkbox"/>	
Energy efficient farming/ranching practices and field operations				<input type="checkbox"/>	
Total		0			
Livestock Production Limitation	0	0	0	<input type="checkbox"/>	
Feed and forage balance				<input type="checkbox"/>	
Inadequate livestock shelter				<input type="checkbox"/>	
distribution				<input type="checkbox"/>	
Total		0			
Long-term Protection of Land	0	0	0	<input type="checkbox"/>	
Loss of functions and values				<input type="checkbox"/>	
Threat of Conversion				<input type="checkbox"/>	
Total		0		<input type="checkbox"/>	
Pest Pressure	0	0	0	<input type="checkbox"/>	
Plant pest pressure				<input type="checkbox"/>	
Total		0			
Salt Losses to Water	0	5	10	<input checked="" type="checkbox"/>	
Salt transported to groundwater	0	50	100	<input checked="" type="checkbox"/>	
Salt transported to surface water	0	50	100	<input checked="" type="checkbox"/>	
Total		100			
Soil Quality Limitations	0	5	10	<input checked="" type="checkbox"/>	
Aggregate instability	0	20	100	<input checked="" type="checkbox"/>	
Compaction	0	20	100	<input checked="" type="checkbox"/>	
Concentration of salts or other chemicals	0	20	100	<input checked="" type="checkbox"/>	
Organic matter depletion	0	20	100	<input checked="" type="checkbox"/>	
Soil organism habitat loss or degradation	0	10	100	<input checked="" type="checkbox"/>	
Subsidence	0	10	100	<input checked="" type="checkbox"/>	
Total		100			
Source Water Depletion	0	5	20	<input checked="" type="checkbox"/>	
Groundwater depletion	0	25	100	<input checked="" type="checkbox"/>	
Inefficient irrigation water use	0	50	100	<input checked="" type="checkbox"/>	
Surface water depletion	0	25	100	<input checked="" type="checkbox"/>	

Total		100														
Storage and Handling of Pollutants	10	25	50	<input checked="" type="checkbox"/>												
Nutrients transported to groundwater	10	30	80	<input checked="" type="checkbox"/>												
Nutrients transported to surface water	10	30	80	<input checked="" type="checkbox"/>												
Petroleum, heavy metals, and other pollutants transported to groundwater	10	20	80	<input checked="" type="checkbox"/>												
Petroleum, heavy metals, and other pollutants transported to surface water	10	20	80	<input checked="" type="checkbox"/>												
Total		100														
Terrestrial Habitat	0	0	0	<input type="checkbox"/>												
Terrestrial habitat for wildlife and invertebrates				<input type="checkbox"/>												
Total		0														
Weather Resilience	0	0	0	<input type="checkbox"/>												
Drifted snow				<input type="checkbox"/>												
Naturally available moisture use				<input type="checkbox"/>												
Ponding and flooding				<input type="checkbox"/>												
Seasonal high water table				<input type="checkbox"/>												
Seeps				<input type="checkbox"/>												
Total		0														
Wind and Water Erosion	5	5	20	<input checked="" type="checkbox"/>												
Sheet and rill erosion	10	80	100	<input checked="" type="checkbox"/>												
Wind erosion	0	20	90	<input checked="" type="checkbox"/>												
Total		100														
Resource Concern Categories Total		100														
Conservation Activities	CART Practices															
Practices	See attached practice list. NWQI Core and Supporting Practices included for guidance. Refer to NWQI National Instruction 440-307.28 for additional guidance.															
RANKING COMPONENT WEIGHTS	Min%	Default	Max%	Max Point	Ranking Algorithm Adjustments											
					Default	A	B	C	D	E	F	G	H	I		
Vulnerabilities	15	20	40		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									
Planned Practice Points	10	15	15		<input type="checkbox"/>			<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input type="checkbox"/>				<input type="checkbox"/>
Resource Priorites	20	50	60		<input checked="" type="checkbox"/>											
Program Priorities	5	5	15		<input checked="" type="checkbox"/>											
Efficiency	10	10	10		<input checked="" type="checkbox"/>						<input type="checkbox"/>					
Total		100														

Practice Type	Practice Code	Practice Name
Conservation Practice	102	Comprehensive Nutrient Management Plan (CNMP)
Conservation Practice	106	Forest Management Plan
Conservation Practice	116	Soil Health Management Plan
Conservation Practice	138	Conservation Plan Supporting Organic Transition
Conservation Practice	201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation
Conservation Practice	202	Edge-of-Field Water Quality Monitoring-System Installation
Conservation Practice	207	Site Assessment and Soil Testing for Contaminants Activity
Conservation Practice	216	Soil Testing
Conservation Practice	217	Soil and Source Testing for Nutrient Management
Conservation Practice	218	Carbon Sequestration and Greenhouse Gas Mitigation Assessment
Conservation Practice	228	Agricultural Energy Assessment
Conservation Practice	309	Agrichemical Handling Facility
Conservation Practice	311	Alley Cropping
Conservation Practice	313	Waste Storage Facility
Conservation Practice	314	Brush Management
Conservation Practice	315	Herbaceous Weed Treatment
Conservation Practice	316	Animal Mortality Facility
Conservation Practice	317	Composting Facility
Conservation Practice	318	Short Term Storage of Animal Waste and Byproducts
Conservation Practice	319	On-Farm Secondary Containment Facility
Conservation Practice	320	Irrigation Canal or Lateral
Conservation Practice	324	Deep Tillage
Conservation Practice	326	Clearing and Snagging
Conservation Practice	327	Conservation Cover
Conservation Practice	328	Conservation Crop Rotation
Conservation Practice	329	Residue and Tillage Management, No-Till
Conservation Practice	330	Contour Farming
Conservation Practice	331	Contour Orchard and Other Perennial Crops
Conservation Practice	332	Contour Buffer Strips
Conservation Practice	333	Amending Soil Properties with Gypsum Products
Conservation Practice	338	Prescribed Burning
Conservation Practice	340	Cover Crop
Conservation Practice	342	Critical Area Planting
Conservation Practice	345	Residue and Tillage Management, Reduced Till
Conservation Practice	348	Dam, Diversion
Conservation Practice	350	Sediment Basin
Conservation Practice	351	Well Decommissioning
Conservation Practice	353	Monitoring Well
Conservation Practice	355	Groundwater Testing
Conservation Practice	356	Dike
Conservation Practice	359	Waste Treatment Lagoon
Conservation Practice	360	Waste Facility Closure
Conservation Practice	362	Diversion
Conservation Practice	366	Anaerobic Digester
Conservation Practice	367	Roofs and Covers
Conservation Practice	368	Emergency Animal Mortality Management
Conservation Practice	378	Pond
Conservation Practice	380	Windbreak/Shelterbelt Establishment

Practice Type	Practice Code	Practice Name
Conservation Practice	381	Silvopasture Establishment
Conservation Practice	382	Fence
Conservation Practice	386	Field Border
Conservation Practice	390	Riparian Herbaceous Cover
Conservation Practice	391	Riparian Forest Buffer
Conservation Practice	393	Filter Strip
Conservation Practice	394	Firebreak
Conservation Practice	395	Stream Habitat Improvement and Management
Conservation Practice	396	Aquatic Organism Passage
Conservation Practice	402	Dam
Conservation Practice	410	Grade Stabilization Structure
Conservation Practice	412	Grassed Waterway
Conservation Practice	420	Wildlife Habitat Planting
Conservation Practice	422	Hedgerow Planting
Conservation Practice	423	Hillside Ditch
Conservation Practice	428	Irrigation Ditch Lining
Conservation Practice	430	Irrigation Pipeline
Conservation Practice	436	Irrigation Reservoir
Conservation Practice	441	Irrigation System, Microirrigation
Conservation Practice	442	Sprinkler System
Conservation Practice	443	Irrigation System, Surface and Subsurface
Conservation Practice	447	Irrigation System, Tailwater Recovery
Conservation Practice	449	Irrigation Water Management
Conservation Practice	450	Anionic Polyacrylamide (PAM) Application
Conservation Practice	455	Land Reclamation, Toxic Discharge Control
Conservation Practice	457	Mine Shaft and Adit Closing
Conservation Practice	460	Land Clearing
Conservation Practice	462	Precision Land Forming
Conservation Practice	464	Irrigation Land Leveling
Conservation Practice	466	Land Smoothing
Conservation Practice	468	Lined Waterway or Outlet
Conservation Practice	472	Access Control
Conservation Practice	484	Mulching
Conservation Practice	490	Tree/Shrub Site Preparation
Conservation Practice	500	Obstruction Removal
Conservation Practice	511	Forage Harvest Management
Conservation Practice	512	Forage and Biomass Planting
Conservation Practice	516	Livestock Pipeline
Conservation Practice	520	Pond Sealing or Lining, Compacted Soil Treatment
Conservation Practice	521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner
Conservation Practice	522	Pond Sealing or Lining - Concrete
Conservation Practice	527	Karst Sinkhole Treatment
Conservation Practice	528	Prescribed Grazing
Conservation Practice	533	Pumping Plant
Conservation Practice	543	Land Reclamation, Abandoned Mined Land
Conservation Practice	548	Grazing Land Mechanical Treatment
Conservation Practice	550	Range Planting
Conservation Practice	554	Drainage Water Management

Practice Type	Practice Code	Practice Name
Conservation Practice	557	Row Arrangement
Conservation Practice	558	Roof Runoff Structure
Conservation Practice	560	Access Road
Conservation Practice	561	Heavy Use Area Protection
Conservation Practice	570	Stormwater Runoff Control
Conservation Practice	572	Spoil Spreading
Conservation Practice	574	Spring Development
Conservation Practice	575	Trails and Walkways
Conservation Practice	578	Stream Crossing
Conservation Practice	580	Streambank and Shoreline Protection
Conservation Practice	582	Open Channel
Conservation Practice	584	Channel Bed Stabilization
Conservation Practice	585	Stripcropping
Conservation Practice	587	Structure for Water Control
Conservation Practice	588	Crosswind Ridges
Conservation Practice	589	Cross Wind Trap Strips
Conservation Practice	590	Nutrient Management
Conservation Practice	591	Amendments for the Treatment of Agricultural Waste
Conservation Practice	592	Feed Management
Conservation Practice	595	Integrated Pest Management
Conservation Practice	600	Terrace
Conservation Practice	601	Vegetative Barrier
Conservation Practice	603	Herbaceous Wind Barriers
Conservation Practice	604	Saturated Buffer
Conservation Practice	605	Denitifying Bioreactor
Conservation Practice	606	Subsurface Drain
Conservation Practice	607	Surface Drain, Field Ditch
Conservation Practice	608	Surface Drain, Main or Lateral
Conservation Practice	609	Surface Roughening
Conservation Practice	612	Tree/Shrub Establishment
Conservation Practice	614	Watering Facility
Conservation Practice	620	Underground Outlet
Conservation Practice	629	Waste Treatment
Conservation Practice	632	Waste Separation Facility
Conservation Practice	633	Waste Recycling
Conservation Practice	634	Waste Transfer
Conservation Practice	635	Vegetated Treatment Area
Conservation Practice	638	Water and Sediment Control Basin
Conservation Practice	640	Waterspreading
Conservation Practice	642	Water Well
Conservation Practice	643	Restoration of Rare or Declining Natural Communities
Conservation Practice	644	Wetland Wildlife Habitat Management
Conservation Practice	645	Upland Wildlife Habitat Management
Conservation Practice	646	Shallow Water Development and Management
Conservation Practice	650	Windbreak/Shelterbelt Renovation
Conservation Practice	654	Road/Trail/Landing Closure & Treatment
Conservation Practice	655	Forest Trails and Landings
Conservation Practice	656	Constructed Wetland

<b>Practice Type</b>	<b>Practice Code</b>	<b>Practice Name</b>
Conservation Practice	657	Wetland Restoration
Conservation Practice	658	Wetland Creation
Conservation Practice	659	Wetland Enhancement
Conservation Practice	666	Forest Stand Improvement
Conservation Practice	782	Phosphorous Removal System
Conservation Practice	796	Milking Center Wastewater Treatment
Conservation Practice	810	Annual Forages for Grazing System
Conservation Practice	910	TA Planning
Conservation Practice	911	TA Design
Conservation Practice	912	TA Application
Conservation Practice	913	TA Check-Out
Conservation Practice	521A	Pond Sealing or Lining, Flexible Membrane
Conservation Practice	521B	Pond Sealing or Lining, Soil Dispersant
Conservation Practice	521C	Pond Sealing or Lining, Bentonite Sealant
Conservation Practice	521D	Pond Sealing or Lining, Compacted Clay Treatment
Conservation Practice	589C	Cross Wind Trap Strips
Conservation Practice	101	CNMP Design and Implementation Activity
Conservation Practice	120	Agricultural Energy Design
Conservation Practice	140	Transition to Organic Design and Implementation Activity
Conservation Practice	144	Fish and Wildlife Habitat Design and Implementation Activity
Conservation Practice	148	Pollinator Habitat Design and Implementation Activity
Conservation Practice	157	Nutrient Management Design and Implementation Activity
Conservation Practice	158	Feed Management Design and Implementation Activity
Conservation Practice	159	Grazing Management Design and Implementation Activity
Conservation Practice	160	Prescribed Burning Design and Implementation Activity
Conservation Practice	161	Pest Management Conservation System Design and Implementation Activity
Conservation Practice	162	Soil Health Design and Implementation Activity
Conservation Practice	163	Irrigation Water Management Design and Implementation Activity
Conservation Practice	164	Drainage Water Management Design and Implementation Activity
Conservation Practice	165	Forest Management Design and Implementation Activity
Conservation Practice	199	Conservation Planning Assessment
Conservation Practice	627	Milk House Wastewater Treatment System