

| National Ranking Template | | | | | | | | | | | | | | | | | |
|--|-------------------------------------|--|--------------------------|----------|-------------------------------------|--------------------------------|--------------------------|-------|--------------------------|---------|--------------------------|---------|--------------------------|---------------|--------------------------|-----------|--------------------------|
| Template Name | | Environmental Quality Incentives Program (EQIP) - Edge-of-Field (EoF) Water Quality Monitoring | | | | | | | | | | | | | | | |
| Program | | Environmental Quality Incentives Program | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| 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 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 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 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 | Notes (Reasons for Inclusions) | | | | | | | | | | | |
| Air Quality emissions | | 0 | 0 | 0 | <input type="checkbox"/> | | | | | | | | | | | | |
| Emmissions of airborne reactive nitrogen | | 0 | 0 | 0 | <input type="checkbox"/> | | | | | | | | | | | | |
| Emmissions of greenhouse gases - GHGs | | 0 | 0 | 0 | <input type="checkbox"/> | | | | | | | | | | | | |
| Emmissions of ozone precursors | | 0 | 0 | 0 | <input type="checkbox"/> | | | | | | | | | | | | |
| Emmissions of particulate matter (PM) and PM precursors | | 0 | 0 | 0 | <input type="checkbox"/> | | | | | | | | | | | | |
| Objectionable odor | | 0 | 0 | 0 | <input type="checkbox"/> | | | | | | | | | | | | |
| Total | | | 0 | | | | | | | | | | | | | | |
| Aquatic Habitat | | 0 | 10 | 20 | <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 | | 0 | 0 | 0 | <input type="checkbox"/> 0 | | | | | | | | | | | | |
| Bank erosion from streams, shorelines, or water conveyances channels | | 0 | 0 | 0 | <input type="checkbox"/> | | | | | | | | | | | | |
| Classic gully erosion | | 0 | 0 | 0 | <input type="checkbox"/> | | | | | | | | | | | | |
| Ephemeral gully erosion | | 0 | 0 | 0 | <input type="checkbox"/> | | | | | | | | | | | | |
| Total | | | 0 | | | | | | | | | | | | | | |
| Degraded Plant Condition | | 0 | 0 | 0 | <input type="checkbox"/> | | | | | | | | | | | | |
| Plant productivity and health | | 0 | 0 | 0 | <input type="checkbox"/> | | | | | | | | | | | | |
| Plant structure and composition | | 0 | 0 | 0 | <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 | | | | | | | | | | | | | | |

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|--|----|-----|-----|-------------------------------------|--|
| Field Sediment, Nutrient, and Pathogen Loss | 20 | 60 | 80 | <input checked="" type="checkbox"/> | |
| Nutrients transported to groundwater | 10 | 15 | 60 | <input checked="" type="checkbox"/> | |
| Nutrients transported to surface water | 10 | 30 | 60 | <input checked="" type="checkbox"/> | |
| Pathogens and chemicals from manure, biosolids, or compost applications transported to groundwater | 10 | 15 | 60 | <input checked="" type="checkbox"/> | |
| Pathogens and chemicals from manure, biosolids, or compost applications transported to surface water | 10 | 15 | 60 | <input checked="" type="checkbox"/> | |
| Sediment transported to surface water | 10 | 25 | 60 | <input checked="" type="checkbox"/> | |
| Total | | 100 | | | |
| Fire Management | 0 | 0 | 0 | <input type="checkbox"/> | |
| Wildfire hazard from biomass accumulation | 0 | 0 | 0 | <input type="checkbox"/> | |
| Total | | 0 | | | |
| Inefficient Energy Use | 0 | 0 | 0 | <input type="checkbox"/> | |
| Energy efficient equipment and facilities | 0 | 0 | 0 | <input type="checkbox"/> | |
| Energy efficient farming/ranching practices and field operations | 0 | 0 | 0 | <input type="checkbox"/> | |
| Total | | 0 | | | |
| Livestock Production Limitation | 0 | 0 | 0 | <input type="checkbox"/> | |
| Feed and forage balance | 0 | 0 | 0 | <input type="checkbox"/> | |
| Inadequate livestock shelter | 0 | 0 | 0 | <input type="checkbox"/> | |
| distribution | 0 | 0 | 0 | <input type="checkbox"/> | |
| Total | | 0 | | | |
| Long-term Protection of Land | 0 | 0 | 0 | <input type="checkbox"/> | |
| Loss of functions and values | 0 | 0 | 0 | <input type="checkbox"/> | |
| Threat of Conversion | 0 | 0 | 0 | <input type="checkbox"/> | |
| Total | | 0 | | <input type="checkbox"/> | |
| Pest Pressure | 0 | 0 | 0 | <input type="checkbox"/> | |
| Plant pest pressure | 0 | 0 | 0 | <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 | 15 | 100 | <input checked="" type="checkbox"/> | |
| Compaction | 0 | 15 | 100 | <input checked="" type="checkbox"/> | |
| Concentration of salts or other chemicals | 0 | 20 | 100 | <input checked="" type="checkbox"/> | |
| Organic matter depletion | 0 | 15 | 100 | <input checked="" type="checkbox"/> | |
| Soil organism habitat loss or degradation | 0 | 15 | 100 | <input checked="" type="checkbox"/> | |
| Subsidence | 0 | 20 | 100 | <input checked="" type="checkbox"/> | |
| Total | | 100 | | | |
| Source Water Depletion | 0 | 0 | 0 | <input type="checkbox"/> | |
| Groundwater depletion | 0 | 0 | 0 | <input type="checkbox"/> | |
| Inefficient irrigation water use | 0 | 0 | 0 | <input type="checkbox"/> | |
| Surface water depletion | 0 | 0 | 0 | <input type="checkbox"/> | |
| Total | | 0 | | | |

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

| Practice Code | Practice Name |
|---------------|--|
| 102 | Comprehensive Nutrient Management Plan - Written |
| 103 | Comprehensive Nutrient Management Plan - Applied |
| 104 | Nutrient Management Plan - Written |
| 105 | Nutrient Management Plan - Applied |
| 106 | Forest Management Plan - Written |
| 107 | Forest Management Plan - Applied |
| 110 | Grazing Management Plan - Written |
| 111 | Grazing Management Plan - Applied |
| 112 | Prescribed Burning Plan - Written |
| 113 | Prescribed Burning Plan - Applied |
| 114 | Integrated Pest Management Plan - Written |
| 115 | Integrated Pest Management Plan - Applied |
| 118 | Irrigation Water Management Plan - Written |
| 119 | Irrigation Water Management Plan - Applied |
| 130 | Drainage Water Management Plan - Written |
| 131 | Drainage Water Management Plan - Applied |
| 134 | Conservation Plan Supporting Transition from Irrigation to Dry-land Plan - Written |
| 135 | Transition from Irrigation to Dry-land Plan - Applied |
| 138 | Conservation Plan Supporting Organic Transition - Written |
| 139 | Conservation Plan Supporting Organic Transition - Applied |
| 151 | Spill Prevention, Control and Countermeasure (SPCC) Plan - Applied |
| 154 | IPM Herbicide Resistance Weed Conservation Plan - Written |
| 155 | IPM Herbicide Resistance Weed Conservation Plan - Applied |
| 201 | Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation |
| 202 | Edge-of-Field Water Quality Monitoring-System Installation |
| 309 | Agrichemical Handling Facility |
| 311 | Alley Cropping |
| 313 | Waste Storage Facility |
| 314 | Brush Management |
| 315 | Herbaceous Weed Treatment |
| 316 | Animal Mortality Facility |
| 317 | Composting Facility |
| 318 | Short Term Storage of Animal Waste and Byproducts |
| 319 | On-Farm Secondary Containment Facility |
| 324 | Deep Tillage |
| 327 | Conservation Cover |
| 328 | Conservation Crop Rotation |
| 329 | Residue and Tillage Management, No-Till |

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| 330 | Contour Farming |
| 331 | Contour Orchard and Other Perennial Crops |
| 332 | Contour Buffer Strips |
| 333 | Amending Soil Properties with Gypsum Products |
| 338 | Prescribed Burning |
| 340 | Cover Crop |
| 342 | Critical Area Planting |
| 345 | Residue and Tillage Management, Reduced Till |
| 348 | Dam, Diversion |
| 350 | Sediment Basin |
| 351 | Well Decommissioning |
| 353 | Monitoring Well |
| 355 | Groundwater Testing |
| 356 | Dike |
| 359 | Waste Treatment Lagoon |
| 360 | Waste Facility Closure |
| 362 | Diversion |
| 366 | Anaerobic Digester |
| 367 | Roofs and Covers |
| 378 | Pond |
| 380 | Windbreak/Shelterbelt Establishment |
| 381 | Silvopasture Establishment |
| 382 | Fence |
| 386 | Field Border |
| 390 | Riparian Herbaceous Cover |
| 391 | Riparian Forest Buffer |
| 393 | Filter Strip |
| 395 | Stream Habitat Improvement and Management |
| 396 | Aquatic Organism Passage |
| 402 | Dam |
| 410 | Grade Stabilization Structure |
| 412 | Grassed Waterway |
| 422 | Hedgerow Planting |
| 423 | Hillside Ditch |
| 428 | Irrigation Ditch Lining |
| 430 | Irrigation Pipeline |
| 436 | Irrigation Reservoir |
| 441 | Irrigation System, Microirrigation |
| 442 | Sprinkler System |
| 443 | Irrigation System, Surface and Subsurface |
| 447 | Irrigation System, Tailwater Recovery |
| 449 | Irrigation Water Management |
| 450 | Anionic Polyacrylamide (PAM) Application |
| 462 | Precision Land Forming |
| 464 | Irrigation Land Leveling |
| 468 | Lined Waterway or Outlet |
| 472 | Access Control |
| 484 | Mulching |
| 490 | Tree/Shrub Site Preparation |

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| 500 | Obstruction Removal |
| 511 | Forage Harvest Management |
| 512 | Forage and Biomass Planting |
| 516 | Livestock Pipeline |
| 528 | Prescribed Grazing |
| 533 | Pumping Plant |
| 550 | Range Planting |
| 554 | Drainage Water Management |
| 557 | Row Arrangement |
| 558 | Roof Runoff Structure |
| 560 | Access Road |
| 561 | Heavy Use Area Protection |
| 574 | Spring Development |
| 575 | Trails and Walkways |
| 578 | Stream Crossing |
| 580 | Streambank and Shoreline Protection |
| 582 | Open Channel |
| 585 | Stripcropping |
| 587 | Structure for Water Control |
| 588 | Crosswind Ridges |
| 590 | Nutrient Management |
| 591 | Amendments for the Treatment of Agricultural Waste |
| 595 | Integrated Pest Management |
| 600 | Terrace |
| 601 | Vegetative Barrier |
| 603 | Herbaceous Wind Barriers |
| 604 | Saturated Buffer |
| 605 | Denitifying Bioreactor |
| 606 | Subsurface Drain |
| 607 | Surface Drain, Field Ditch |
| 608 | Surface Drain, Main or Lateral |
| 609 | Surface Roughening |
| 612 | Tree/Shrub Establishment |
| 614 | Watering Facility |
| 620 | Underground Outlet |
| 629 | Waste Treatment |
| 632 | Waste Separation Facility |
| 633 | Waste Recycling |
| 634 | Waste Transfer |
| 635 | Vegetated Treatment Area |
| 638 | Water and Sediment Control Basin |
| 640 | Waterspreading |
| 642 | Water Well |
| 643 | Restoration of Rare or Declining Natural Communities |
| 644 | Wetland Wildlife Habitat Management |
| 650 | Windbreak/Shelterbelt Renovation |
| 656 | Constructed Wetland |
| 657 | Wetland Restoration |
| 658 | Wetland Creation |

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| 659 | Wetland Enhancement |
| 666 | Forest Stand Improvement |
| 910 | TA Planning |
| 911 | TA Design |
| 912 | TA Application |
| 913 | TA Check-Out |
| 430AA | Irrigation Water Conveyance, Pipeline, Aluminum Tubing |
| 430BB | Irrigation Water Conveyance, Pipeline, Asbestos-Cement |
| 430CC | Irrigation Water Conveyance, Pipeline, Nonreinforced Concrete |
| 430DD | Irrigation Water Conveyance, Pipeline, High-Pressure, Underground, Plastic |
| 430EE | Irrigation Water Conveyance, Pipeline, Low-Pressure, Underground, Plastic |
| 430FF | Irrigation Water Conveyance, Pipeline, Steel |
| 430GG | Irrigation Water Conveyance, Pipeline, Reinforced Plastic Mortar |
| 589C | Cross Wind Trap Strips |