

## NATIONAL RANKING TEMPLATE

TEMPLATE NAME

GLRI Nearshore

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"/> | Urban | <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"/> | Urban | <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"/> | Urban | <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"/> | Urban | <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"/> | Urban | <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"/> | Urban | <input type="checkbox"/> |
| Water              | <input type="checkbox"/>            |        |                          | Wildlife | <input type="checkbox"/> |           |                          |       |                          |         |                          | Organic | <input type="checkbox"/> | Water Feature | <input type="checkbox"/> | Protected | <input type="checkbox"/> | Urban | <input type="checkbox"/> |
| Other Rural Land   | <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"/> | Urban | <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"/> | Urban | <input type="checkbox"/> |

### RESOURCE CONCERN CATEGORIES

|  | Min%      | Default   | Max%      | Included                            |
|--|-----------|-----------|-----------|-------------------------------------|
| <b>Air Quality emissions</b>   | <b>0</b>  | <b>0</b>  | <b>0</b>  | <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         |           |                                     |
| <b>Aquatic Habitat</b>   | <b>0</b>  | <b>5</b>  | <b>5</b>  | <input checked="" type="checkbox"/> |
| Aquatic habitat for fish and other organisms                         |           |           |           | <input type="checkbox"/>            |
| Elevated water temperature   | 100       | 100       | 100       | <input checked="" type="checkbox"/> |
| Total  |           | 100       |           |                                     |
| <b>Concentrated Erosion</b>  | <b>10</b> | <b>15</b> | <b>40</b> | <input checked="" type="checkbox"/> |
| Bank erosion from streams, shorelines, or water conveyances channels | 20        | 20        | 60        | <input checked="" type="checkbox"/> |
| Classic gully erosion  | 20        | 40        | 60        | <input checked="" type="checkbox"/> |
| Ephemeral gully erosion  | 20        | 40        | 60        | <input checked="" type="checkbox"/> |
| Total  |           | 100       |           |                                     |
| <b>Degraded Plant Condition</b>                                      | <b>0</b>  | <b>0</b>  | <b>0</b>  | <input type="checkbox"/>            |
| Plant productivity and health  |           |           |           | <input type="checkbox"/>            |
| Plant structure and composition                                      |           |           |           | <input type="checkbox"/>            |
| Total  |           | 0         |           |                                     |
| <b>Field Pesticide Loss</b>  | <b>5</b>  | <b>5</b>  | <b>5</b>  | <input checked="" type="checkbox"/> |
| Pesticides transported to groundwater                                |           |           |           | <input type="checkbox"/>            |
| Pesticides transported to surface water                              | 100       | 100       | 100       | <input checked="" type="checkbox"/> |
| Total  |           | 100       |           |                                     |
| <b>Field Sediment, Nutrient, and Pathogen Loss</b>                   | <b>20</b> | <b>40</b> | <b>60</b> | <input checked="" type="checkbox"/> |
| Nutrients transported to groundwater                                 |           |           |           | <input type="checkbox"/>            |
| Nutrients transported to surface water                               | 20        | 40        | 60        | <input checked="" type="checkbox"/> |

|  |          |           |           |                                     |
|--|----------|-----------|-----------|-------------------------------------|
| Pathogens and chemicals from manure, biosolids, or compost applications transported to groundwater   |          |           |           | <input type="checkbox"/>            |
| Pathogens and chemicals from manure, biosolids, or compost applications transported to surface water | 10       | 30        | 40        | <input checked="" type="checkbox"/> |
| Sediment transported to surface water  | 10       | 30        | 40        | <input checked="" type="checkbox"/> |
| Total  |          | 100       |           |                                     |
| <b>Fire Management</b>   | <b>0</b> | <b>0</b>  | <b>0</b>  | <input type="checkbox"/>            |
| Wildfire hazard from biomass accumulation  |          |           |           | <input type="checkbox"/>            |
| Total  |          | 0         |           |                                     |
| <b>Inefficient Energy Use</b>  | <b>0</b> | <b>0</b>  | <b>0</b>  | <input type="checkbox"/>            |
| Energy efficient equipment and facilities  |          |           |           | <input type="checkbox"/>            |
| Energy efficient farming/ranching practices and field operations                                     |          |           |           | <input type="checkbox"/>            |
| Total  |          | 0         |           |                                     |
| <b>Livestock Production Limitation</b>   | <b>0</b> | <b>0</b>  | <b>0</b>  | <input type="checkbox"/>            |
| Feed and forage balance  |          |           |           | <input type="checkbox"/>            |
| Inadequate livestock shelter distribution  |          |           |           | <input type="checkbox"/>            |
| Total  |          | 0         |           |                                     |
| <b>Long-term Protection of Land</b>  | <b>0</b> | <b>0</b>  | <b>0</b>  | <input type="checkbox"/>            |
| Loss of functions and values   |          |           |           | <input type="checkbox"/>            |
| Threat of Conversion   |          |           |           | <input type="checkbox"/>            |
| Total  |          | 0         |           |                                     |
| <b>Pest Pressure</b>   | <b>0</b> | <b>0</b>  | <b>0</b>  | <input type="checkbox"/>            |
| Plant pest pressure  |          |           |           | <input type="checkbox"/>            |
| Total  |          | 0         |           |                                     |
| <b>Salt Losses to Water</b>  | <b>0</b> | <b>0</b>  | <b>0</b>  | <input type="checkbox"/>            |
| Salt transported to groundwater  |          |           |           | <input type="checkbox"/>            |
| Salt transported to surface water  |          |           |           | <input type="checkbox"/>            |
| Total  |          | 0         |           |                                     |
| <b>Soil Quality Limitations</b>  | <b>5</b> | <b>10</b> | <b>30</b> | <input checked="" type="checkbox"/> |
| Aggregate instability  | 5        | 20        | 40        | <input checked="" type="checkbox"/> |
| Compaction   | 5        | 25        | 40        | <input checked="" type="checkbox"/> |
| Concentration of salts or other chemicals  | 5        | 10        | 40        | <input checked="" type="checkbox"/> |
| Organic matter depletion   | 5        | 25        | 40        | <input checked="" type="checkbox"/> |
| Soil organism habitat loss or degradation  | 5        | 20        | 40        | <input checked="" type="checkbox"/> |
| Subsidence   |          |           |           | <input type="checkbox"/>            |
| Total  |          | 100       |           |                                     |
| <b>Source Water Depletion</b>  | <b>0</b> | <b>0</b>  | <b>0</b>  | <input type="checkbox"/>            |
| Groundwater depletion  |          |           |           | <input type="checkbox"/>            |
| Inefficient irrigation water use   |          |           |           | <input type="checkbox"/>            |
| Surface water depletion  |          |           |           | <input type="checkbox"/>            |
| Total  |          | 0         |           |                                     |
| <b>Storage and Handling of Pollutants</b>  | <b>5</b> | <b>10</b> | <b>20</b> | <input checked="" type="checkbox"/> |
| Nutrients transported to groundwater   |          |           |           | <input type="checkbox"/>            |
| Nutrients transported to surface water   | 50       | 90        | 95        | <input checked="" type="checkbox"/> |
| Petroleum, heavy metals, and other pollutants transported to groundwater                             |          |           |           | <input type="checkbox"/>            |
| Petroleum, heavy metals, and other pollutants transported to surface water                           | 5        | 10        | 50        | <input checked="" type="checkbox"/> |

|  |          |           |           |                                     |
|--|----------|-----------|-----------|-------------------------------------|
| Total  |          | 100       |           |                                     |
| <b>Terrestrial Habitat</b>                         | <b>0</b> | <b>0</b>  | <b>0</b>  | <input type="checkbox"/>            |
| Terrestrial habitat for wildlife and invertebrates |          |           |           | <input type="checkbox"/>            |
| Total  |          | 0         |           |                                     |
| <b>Weather Resilience</b>                          | <b>0</b> | <b>0</b>  | <b>0</b>  | <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         |           |                                     |
| <b>Wind and Water Erosion</b>                      | <b>5</b> | <b>15</b> | <b>25</b> | <input checked="" type="checkbox"/> |
| Sheet and rill erosion                             | 20       | 70        | 100       | <input checked="" type="checkbox"/> |
| Wind erosion                                       | 0        | 30        | 30        | <input checked="" type="checkbox"/> |
| Total  |          | 100       |           |                                     |
| <b>Resource Concern Categories Total</b>           |          | 100       |           |                                     |

|                                |  |
|--------------------------------|--|
| <b>Conservation Activities</b> | <b>CART Practices</b>                    |
| Practices                      | See attached practice and activity list. |

| 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"/> | <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 Priorities       | 20   | 30      | 30   |           | <input checked="" type="checkbox"/> |                          |                          |                          |                          |   |   |   |   |                          |                          |
| Program Priorities        | 5    | 5       | 15   |           | <input checked="" type="checkbox"/> |                          |                          |                          |                          |   |   |   |   |                          |                          |
| Efficiency                | 10   | 10      | 10   |           | <input checked="" type="checkbox"/> |                          |                          |                          | <input type="checkbox"/> |   |   |   |   |                          |                          |
| <b>Total</b>              |      | 100     |      |           |                                     |                          |                          |                          |                          |   |   |   |   |                          |                          |

| <b>Practice Code</b> | <b>Practice Name</b>   |
|----------------------|--|
| 101                  | CNMP Design and Implementation Activity                                |
| 102                  | Comprehensive Nutrient Management Plan (CNMP)                          |
| 116                  | Soil Health Management Plan  |
| 157                  | Nutrient Management Design and Implementation Activity                 |
| 159                  | Grazing Management Design and Implementation Activity                  |
| 161                  | Pest Management Conservation System Design and Implementation Activity |
| 162                  | Soil Health Design and Implementation Activity                         |
| 163                  | Irrigation Water Management Design                                     |
| 164                  | Drainage Water Management Design                                       |
| 199                  | Conservation Plan  |
| 216                  | Soil Health Testing  |
| 309                  | Agrichemical Handling Facility   |
| 313                  | Waste Storage Facility   |
| 314                  | Brush Management   |
| 315                  | Herbaceous Weed Treatment  |
| 316                  | Animal Mortality Facility  |
| 317                  | Composting Facility  |
| 326                  | Clearing and Snagging  |
| 327                  | Conservation Cover   |
| 328                  | Conservation Crop Rotation   |
| 329                  | Residue and Tillage Management, No-Till                                |
| 330                  | Contour Farming  |
| 332                  | Contour Buffer Strips  |
| 333                  | Amending Soil Properties with Gypsum Products                          |
| 334                  | Controlled Traffic Farming   |
| 338                  | Prescribed Burning   |
| 340                  | Cover Crop   |
| 342                  | Critical Area Planting   |
| 345                  | Residue and Tillage Management, Reduced Till                           |
| 350                  | Sediment Basin   |
| 351                  | Well Decommissioning   |
| 359                  | Waste Treatment Lagoon   |
| 360                  | Waste Facility Closure   |
| 362                  | Diversion  |
| 366                  | Anaerobic Digester   |
| 367                  | Roofs and Covers   |
| 378                  | Pond   |
| 380                  | Windbreak/Shelterbelt Establishment                                    |
| 382                  | Fence  |
| 386                  | Field Border   |
| 390                  | Riparian Herbaceous Cover  |
| 391                  | Riparian Forest Buffer   |
| 393                  | Filter Strip   |
| 394                  | Firebreak  |
| 396                  | Aquatic Organism Passage   |
| 410                  | Grade Stabilization Structure  |
| 412                  | Grassed Waterway   |
| 422                  | Hedgerow Planting  |

| <b>Practice Code</b> | <b>Practice Name</b>   |
|----------------------|--|
| 430                  | Irrigation Pipeline  |
| 442                  | Sprinkler System   |
| 449                  | Irrigation Water Management                                    |
| 468                  | Lined Waterway or Outlet                                       |
| 472                  | Access Control   |
| 484                  | Mulching   |
| 490                  | Tree/Shrub Site Preparation                                    |
| 500                  | Obstruction Removal  |
| 511                  | Forage Harvest Management                                      |
| 512                  | Forage and Biomass Planting                                    |
| 516                  | Livestock Pipeline   |
| 520                  | Pond Sealing or Lining, Compacted Soil Treatment               |
| 521                  | Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner |
| 522                  | Pond Sealing or Lining - Concrete                              |
| 527                  | Karst Sinkhole Treatment                                       |
| 528                  | Prescribed Grazing   |
| 533                  | Pumping Plant  |
| 554                  | Drainage Water Management                                      |
| 558                  | Roof Runoff Structure  |
| 560                  | Access Road  |
| 561                  | Heavy Use Area Protection                                      |
| 570                  | Stormwater Runoff Control                                      |
| 572                  | Spoil Spreading  |
| 574                  | Spring Development   |
| 575                  | Trails and Walkways  |
| 578                  | Stream Crossing  |
| 580                  | Streambank and Shoreline Protection                            |
| 582                  | Open Channel   |
| 584                  | Channel Bed Stabilization                                      |
| 585                  | Stripcropping  |
| 587                  | Structure for Water Control                                    |
| 590                  | Nutrient Management  |
| 595                  | Integrated Pest Management                                     |
| 600                  | Terrace  |
| 601                  | Vegetative Barrier   |
| 603                  | Herbaceous Wind Barriers                                       |
| 605                  | Denitrifying Bioreactor  |
| 606                  | Subsurface Drain   |
| 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                               |
| 642                  | Water Well   |

| <b>Practice Code</b> | <b>Practice Name</b>                     |
|----------------------|--|
| 646                  | Shallow Water Development and Management |
| 650                  | Windbreak/Shelterbelt Renovation         |
| 656                  | Constructed Wetland                      |
| 657                  | Wetland Restoration                      |
| 666                  | Forest Stand Improvement                 |
| 782                  | Phosphorous Removal System               |