

## NATIONAL RANKING TEMPLATE

TEMPLATE NAME

EQIP-Conservation Incentive Contract - November 2021

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"/> | 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 checked="" 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 checked="" 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>5</b>  | <b>100</b> | <input checked="" type="checkbox"/> |
| Emmissions of airborne reactive nitrogen                             | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Emmissions of greenhouse gases - GHGs                                | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Emmissions of ozone precursors                                       | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Emmissions of particulate matter (PM) and PM precursors              | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Objectionable odor   | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Total  |          | 100       |            |                                     |
| <b>Aquatic Habitat</b>   | <b>0</b> | <b>5</b>  | <b>100</b> | <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       |            |                                     |
| <b>Concentrated Erosion</b>  | <b>0</b> | <b>10</b> | <b>100</b> | <input checked="" type="checkbox"/> |
| Bank erosion from streams, shorelines, or water conveyances channels | 0        | 30        | 100        | <input checked="" type="checkbox"/> |
| Classic gully erosion  | 0        | 35        | 100        | <input checked="" type="checkbox"/> |
| Ephemeral gully erosion  | 0        | 35        | 100        | <input checked="" type="checkbox"/> |
| Total  |          | 100       |            |                                     |
| <b>Degraded Plant Condition</b>                                      | <b>0</b> | <b>5</b>  | <b>100</b> | <input checked="" type="checkbox"/> |
| Plant productivity and health  | 0        | 50        | 100        | <input checked="" type="checkbox"/> |
| Plant structure and composition                                      | 0        | 50        | 100        | <input checked="" type="checkbox"/> |
| Total  |          | 100       |            |                                     |
| <b>Field Pesticide Loss</b>  | <b>0</b> | <b>5</b>  | <b>100</b> | <input checked="" type="checkbox"/> |
| Pesticides transported to groundwater                                | 0        | 50        | 100        | <input checked="" type="checkbox"/> |
| Pesticides transported to surface water                              | 0        | 50        | 100        | <input checked="" type="checkbox"/> |
| Total  |          | 100       |            |                                     |
| <b>Field Sediment, Nutrient, and Pathogen Loss</b>                   | <b>0</b> | <b>5</b>  | <b>100</b> | <input checked="" type="checkbox"/> |
| Nutrients transported to groundwater                                 | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Nutrients transported to surface water                               | 0        | 20        | 100        | <input checked="" type="checkbox"/> |

|  |          |           |            |                                     |
|--|----------|-----------|------------|-------------------------------------|
| Pathogens and chemicals from manure, biosolids, or compost applications transported to groundwater   | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Pathogens and chemicals from manure, biosolids, or compost applications transported to surface water | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Sediment transported to surface water  | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Total  |          | 100       |            |                                     |
| <b>Fire Management</b>   | <b>0</b> | <b>5</b>  | <b>100</b> | <input checked="" type="checkbox"/> |
| Wildfire hazard from biomass accumulation  | 100      | 100       | 100        | <input checked="" type="checkbox"/> |
| Total  |          | 100       |            |                                     |
| <b>Inefficient Energy Use</b>  | <b>0</b> | <b>5</b>  | <b>100</b> | <input checked="" type="checkbox"/> |
| Energy efficient equipment and facilities  | 0        | 50        | 100        | <input checked="" type="checkbox"/> |
| Energy efficient farming/ranching practices and field operations                                     | 0        | 50        | 100        | <input checked="" type="checkbox"/> |
| Total  |          | 100       |            |                                     |
| <b>Livestock Production Limitation</b>   | <b>0</b> | <b>5</b>  | <b>100</b> | <input checked="" type="checkbox"/> |
| Feed and forage balance  | 0        | 35        | 100        | <input checked="" type="checkbox"/> |
| Inadequate livestock shelter   | 0        | 30        | 100        | <input checked="" type="checkbox"/> |
| distribution   | 0        | 35        | 100        | <input checked="" type="checkbox"/> |
| Total  |          | 100       |            |                                     |
| <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         |            | <input type="checkbox"/>            |
| <b>Pest Pressure</b>   | <b>0</b> | <b>5</b>  | <b>100</b> | <input checked="" type="checkbox"/> |
| Plant pest pressure  | 100      | 100       | 100        | <input checked="" type="checkbox"/> |
| Total  |          | 100       |            |                                     |
| <b>Salt Losses to Water</b>  | <b>0</b> | <b>5</b>  | <b>100</b> | <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       |            |                                     |
| <b>Soil Quality Limitations</b>  | <b>0</b> | <b>5</b>  | <b>100</b> | <input checked="" type="checkbox"/> |
| Aggregate instability  | 0        | 15        | 100        | <input checked="" type="checkbox"/> |
| Compaction   | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Concentration of salts or other chemicals  | 0        | 15        | 100        | <input checked="" type="checkbox"/> |
| Organic matter depletion   | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Soil organism habitat loss or degradation  | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Subsidence   | 0        | 10        | 100        | <input checked="" type="checkbox"/> |
| Total  |          | 100       |            |                                     |
| <b>Source Water Depletion</b>  | <b>0</b> | <b>10</b> | <b>100</b> | <input checked="" type="checkbox"/> |
| Groundwater depletion  | 0        | 35        | 100        | <input checked="" type="checkbox"/> |
| Inefficient irrigation water use   | 0        | 35        | 100        | <input checked="" type="checkbox"/> |
| Surface water depletion  | 0        | 30        | 100        | <input checked="" type="checkbox"/> |
| Total  |          | 100       |            |                                     |
| <b>Storage and Handling of Pollutants</b>  | <b>0</b> | <b>5</b>  | <b>100</b> | <input checked="" type="checkbox"/> |
| Nutrients transported to groundwater   | 0        | 25        | 100        | <input checked="" type="checkbox"/> |
| Nutrients transported to surface water   | 0        | 25        | 100        | <input checked="" type="checkbox"/> |
| Petroleum, heavy metals, and other pollutants transported to groundwater                             | 0        | 25        | 100        | <input checked="" type="checkbox"/> |
| Petroleum, heavy metals, and other pollutants transported to surface water                           | 0        | 25        | 100        | <input checked="" type="checkbox"/> |

|  |          |           |            |                                     |
|--|----------|-----------|------------|-------------------------------------|
| Total  |          | 100       |            |                                     |
| <b>Terrestrial Habitat</b>                         | <b>0</b> | <b>5</b>  | <b>100</b> | <input checked="" type="checkbox"/> |
| Terrestrial habitat for wildlife and invertebrates | 100      | 100       | 100        | <input checked="" type="checkbox"/> |
| Total  |          | 100       |            |                                     |
| <b>Weather Resilience</b>                          | <b>0</b> | <b>5</b>  | <b>100</b> | <input checked="" type="checkbox"/> |
| Drifted snow                                       | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Naturally available moisture use                   | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Ponding and flooding                               | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Seasonal high water table                          | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Seeps  | 0        | 20        | 100        | <input checked="" type="checkbox"/> |
| Total  |          | 100       |            |                                     |
| <b>Wind and Water Erosion</b>                      | <b>0</b> | <b>10</b> | <b>100</b> | <input checked="" type="checkbox"/> |
| Sheet and rill erosion                             | 0        | 50        | 100        | <input checked="" type="checkbox"/> |
| Wind erosion                                       | 0        | 50        | 100        | <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           | 10   | 20      | 40   |           | <input type="checkbox"/>      | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                          |                                     |   |   |                          |                          |   |
| Planned Practice Points   | 15   | 15      | 15   |           | <input type="checkbox"/>      |                                     |                          | <input type="checkbox"/> | <input checked="" type="checkbox"/> |   |   | <input type="checkbox"/> | <input type="checkbox"/> |   |
| Resource Priorities       | 20   | 50      | 60   |           | <input type="checkbox"/>      |                                     |                          |                          |                                     |   |   |                          |                          |   |
| Program Priorities        | 5    | 5       | 15   |           | <input type="checkbox"/>      |                                     |                          |                          |                                     |   |   |                          |                          |   |
| Efficiency                | 10   | 10      | 10   |           | <input type="checkbox"/>      |                                     |                          |                          | <input type="checkbox"/>            |   |   |                          |                          |   |
| <b>Total</b>              |      | 100     |      |           |                               |                                     |                          |                          |                                     |   |   |                          |                          |   |

|                     |              |
|---------------------|--------------|
| <b>PREPARED BY:</b> | Kelly German |
| <b>APPROVED BY:</b> |              |

| <b>Practice Code</b> | <b>Practice Name</b>  |
|----------------------|---|
| 207                  | Site Assessment and Soil Testing for Containments Activity    |
| 216                  | Soil Health Testing   |
| 217                  | Soil and Source Testing for Nutrient Management               |
| 218                  | Carbon Sequestration and Greenhouse Gas Mitigation Assessment |
| 228                  | Agricultural Energy Assessment Activity                       |
| 328                  | Conservation Crop Rotation                                    |
| 329                  | Residue and Tillage Management, No-Till                       |
| 333                  | Amending Soil Properties with Gypsum Products                 |
| 338                  | Prescribed Burning  |
| 340                  | Cover Crop  |
| 345                  | Residue and Tillage Management, Reduced Till                  |
| 368                  | Emergency Animal Mortality Management                         |
| 373                  | Dust Control on Unpaved Roads and Surfaces                    |
| 375                  | Dust Control From Animal Activity on Open Lot Surfaces        |
| 376                  | Field Operations Emissions Reduction                          |
| 399                  | Fishpond Management   |
| 400                  | Bivalve Aquaculture Gear and Biofouling Control               |
| 449                  | Irrigation Water Management                                   |
| 450                  | Anionic Polyacrylamide (PAM) Application                      |
| 484                  | Mulching  |
| 511                  | Forage Harvest Management                                     |
| 528                  | Prescribed Grazing  |
| 548                  | Grazing Land Mechanical Treatment                             |
| 554                  | Drainage Water Management                                     |
| 590                  | Nutrient Management   |
| 591                  | Amendments for the Treatment of Agricultural Waste            |
| 592                  | Feed Management   |
| 595                  | Integrated Pest Management                                    |
| 609                  | Surface Roughening  |
| 610                  | Salinity and Sodic Soil Management                            |
| 633                  | Waste Recycling   |
| 644                  | Wetland Wildlife Habitat Management                           |
| 645                  | Upland Wildlife Habitat Management                            |
| 647                  | Early Successional Habitat Development/Management             |
| 808                  | Soil Carbon Amendment   |
| 810                  | Annual Forages for Grazing System                             |
| 817                  | On-Farm Recharge  |