|   |          |            | NA7         | ΓΙΟΝΑL    | RANKI    | NG TEM   | PLATE    |             |            |                    |           |           |          |       |          |
|---|----------|------------|-------------|-----------|----------|----------|----------|-------------|------------|--------------------|-----------|-----------|----------|-------|----------|
| TEMPLATE NAME   |          |            |             |           |          |          | G        | GLRI Nearsh | ore        |                    |           |           |          |       |          |
| PROGRAM   |          |            |             |           |          |          |          | EQIP        | 510        |                    |           |           |          |       |          |
|   |          |            |             |           |          |          |          |             |            |                    |           |           |          |       |          |
| LAND USES   |          |            |             |           | MODI     | IFIERS ( | the modi | ifiers- mu  | ist be met | t and are not      | or but a  | nd)       |          |       |          |
|   | Included |            | Included    |           | Included |          | Included |             | Included   |                    | Included  |           | Included |       | Included |
| Сгор  | <b>✓</b> | Grazed     |             | Irrigated |          | Drained  |          | Organic     |            | Water Feature      |           | Protected |          | Hayed |          |
| Forest  | <b>V</b> | Grazed     |             | Irrigated |          | Drained  |          | Organic     |            | Water Feature      |           | Protected |          | Hayed |          |
| Range   | <b>V</b> | Grazed     |             | Irrigated |          | Drained  |          | Organic     |            | Water Feature      |           | Protected |          | Hayed |          |
| Pasture   | <b>√</b> | Grazed     |             | Irrigated |          | Drained  |          | Organic     |            | Water Feature      |           | Protected |          | Hayed |          |
| Protected   |          | Grazed     |             | Irrigated |          | Drained  |          | Organic     |            | Water Feature      |           | Protected |          | Hayed |          |
| Farmstead   | <b>V</b> | Grazed     |             | Irrigated |          | Drained  |          | Organic     |            | Water Feature      |           | Protected |          | Hayed |          |
| Developed Land  |          | Grazed     |             | Irrigated |          | Drained  |          | Organic     |            | Water Feature      |           | Protected |          | Hayed |          |
| Water   |          | Grazed     |             | Irrigated |          | Drained  |          | Organic     |            | Water Feature      |           | Protected |          | Hayed |          |
| Other Rural Land  |          | Grazed     |             | Irrigated |          | Drained  |          | Organic     |            | Water Feature      |           | Protected |          | Hayed |          |
| Associated Ag Land                                      | <b>V</b> | Grazed     |             | Irrigated |          | Drained  |          | Organic     |            | Water Feature      |           | Protected |          | Hayed |          |
| Undetermined  |          | Grazed     |             | Irrigated |          | Drained  |          | Organic     |            | Water Feature      |           | Protected |          | Hayed |          |
|   |          |            |             |           |          |          |          |             |            |                    |           |           |          |       |          |
| RESOURCE CONCERN CATEGORIES                             | Min%     | Default    | Max%        | Included  |          |          |          |             | Notes      | s (Reasons for Inc | clusions) |           |          |       |          |
| Air Quality emissions                                   | 0        | 0          | 0           |           |          |          |          |             |            |                    |           |           |          |       |          |
| Emmissions of airborne reactive nitrogen                |          |            |             |           | 1        |          |          |             |            |                    |           |           |          |       |          |
| Emmissions of greenhouse gases - GHGs                   |          |            |             |           | 1        |          |          |             |            |                    |           |           |          |       |          |
| Emmissions of ozone precursors                          |          |            |             |           | 1        |          |          |             |            |                    |           |           |          |       |          |
| Emmissions of particulate matter (PM) and PM precursors |          |            |             |           | 1        |          |          |             |            |                    |           |           |          |       |          |
| Objectionable odor                                      | <b></b>  |            |             |           | 1        |          |          |             |            |                    |           |           |          |       |          |
| Total   |          | 0          |             |           |          |          |          |             |            |                    |           |           |          |       |          |
| Aquatic Habitat   | 0        | 5          | 5           | <b>✓</b>  | 1        |          |          |             |            |                    |           |           |          |       |          |
| Aquatic habitat for fish and other organisms            | 0        | 0          | 0           |           | 1        |          |          |             |            |                    |           |           |          |       |          |
| Elevated water temperature                              | 0        | 100        | 100         | <b>✓</b>  | 1        |          |          |             |            |                    |           |           |          |       |          |
| Total   |          | 100        | † <u></u> _ |           | l        |          |          |             |            |                    |           |           |          |       |          |
| Concentrated Erosion                                    | 10       | 15         | 40          | <b>✓</b>  |          |          |          |             |            |                    |           |           |          |       |          |
| Bank erosion from streams, shorelines, or water         |          |            |             | <b>V</b>  | 1        |          |          |             |            |                    |           |           |          |       |          |
| conveyances channels                                    | 20       | 20         | 60          | <b> </b>  | 1        |          |          |             |            |                    |           |           |          |       |          |
| Classic gully erosion                                   | 20       | 40         | 60          | <b>V</b>  | 1        |          |          |             |            |                    |           |           |          |       |          |
| Ephemeral gully erosion                                 | 20       | 40         | 60          | <b>✓</b>  | 1        |          |          |             |            |                    |           |           |          |       |          |
| Total   |          | 100        | +           |           | 1        |          |          |             |            |                    |           |           |          |       |          |
| Degraded Plant Condition                                | 0        | 0          | 0           |           |          |          |          |             |            |                    |           |           |          |       |          |
| Plant productivity and health                           |          |            | + -         |           |          |          |          |             |            |                    |           |           |          |       |          |
| Plant structure and composition                         |          | - <u> </u> | +           |           | 1        |          |          |             |            |                    |           |           |          |       |          |
| Total   |          | 0          | +           |           | 1        |          |          |             |            |                    |           |           |          |       |          |
| Total   |          | O          |             |           |          |          |          |             |            |                    |           |           |          |       |          |

| Field Sediment, Nutrient, and Pathogen Loss                        | 20       | 40       | 60   | <b>/</b>    |
|--|----------|----------|--|-------------|
| Nutrients transported to groundwater                               | 0        | 0        | 0  |             |
| Nutrients transported to surface water                             | 20       | 40       | 60   | <b>✓</b>    |
| Pathogens and chemicals from manure, biosolids, or                 | 20       | 10       | 00   |             |
| compost applications transported to groundwater                    | 0        | 0        | 0  |             |
| Pathogens and chemicals from manure, biosolids, or                 | <u> </u> |          | <u> </u>   | <b>√</b>    |
| compost applications transported to surface water                  | 10       | 30       | 40   |             |
| Sediment transported to surface water                              | 10       | 30       | 40   | <b>✓</b>    |
| Total  | -        | 100      |  | <del></del> |
| Field Pesticide Loss   | 5        | 5        | 5  | <b>✓</b>    |
| Pesticides transported to groundwater                              | 0        | 0        | 0  |             |
| Pesticides transported to surface water                            | 100      | 100      | 100  | <u> </u>    |
| Total  | 100      | 100      | 100  |             |
| Fire Management  | 0        | 0        | 0  |             |
| Wildfire hazard from biomass accumulation                          | •        |          |  |             |
| Total  |          | 0        |  |             |
| Inefficient Energy Use   | 0        | 0        | 0  |             |
| Energy efficient equipment and facilities                          | •        | <u> </u> | •  |             |
| Energy efficient farming/ranching practices and field              |          |          |  |             |
| operations   |          |          |  |             |
| Total  |          | 0        | +  |             |
| Livestock Production Limitation                                    | 0        | 0        | 0  |             |
| Feed and forage balance  | •        |          | <del>                                     </del> |             |
| Inadequate livestock shelter                                       |          |          | +  |             |
| Inadequate livestock water quantity, quality, and                  |          |          | -  |             |
| distribution   |          |          |  |             |
| Total  |          | 0        |  |             |
| Pest Pressure  | 0        | 0        | 0  |             |
| Plant pest pressure  |          | <u> </u> | <del>                                     </del> |             |
| Total  |          | 0        | 1  |             |
| Salt Losses to Water   | 0        | 0        | 0  |             |
| Salt transported to groundwater                                    | •        | · · ·    | "  |             |
| Salt transported to groundwater  Salt transported to surface water |          |          | 1  |             |
| Total  |          | 0        | +  |             |
| Soil Quality Limitations   | 5        | 10       | 30   |             |
| Aggregate instability  | 5        |          |  | ✓           |
| Compaction   | 5        | 20       | 40   | <b>V</b>    |
|  | 5        | 25       | 40   | <u> </u>    |
| Concentration of salts or other chemicals                          | 5        | 10       | 40   | <b>V</b>    |
| Organic matter depletion   | 5        | 25       | 40   | <b>V</b>    |
| Soil organism habitat loss or degradation                          | 5        | 20       | 40   | <b>V</b>    |
| Subsidence   | 0        | 0        | 0  |             |
|  |          |          |  |             |
| Total  |          | 100      |  |             |

| Source Water Depletion                                       | 0  | 0   | 0   |          |                                 |
|--|----|-----|-----|----------|---------------------------------|
| Groundwater depletion  |    |     |     |          |                                 |
| Inefficient irrigation water use                             |    |     |     |          |                                 |
| Surface water depletion                                      |    |     |     |          |                                 |
| Total  |    | 0   |     |          |                                 |
| Storage and Handling of Pollutants                           | 5  | 10  | 20  | <b>V</b> |                                 |
| Nutrients tranported to groundwater                          | 0  | 0   | 0   |          |                                 |
| Nutrients transported to surface water                       | 5  | 45  | 90  | <b>V</b> |                                 |
| Pesticides transported to surface water                      | 5  | 10  | 15  | <b>V</b> |                                 |
| Petroleum, heavy metals, and other pollutants transported to |    |     |     |          |                                 |
| groundwater  | 0  | 0   | 0   |          |                                 |
| Petroleum, heavy metals, and other pollutants transported to |    |     |     | <b>✓</b> |                                 |
| surface water  | 5  | 45  | 90  |          |                                 |
| Total  |    | 100 |     |          |                                 |
| Terrestrial Habitat  | 0  | 0   | 0   |          |                                 |
| Terrestrial habitat for wildlife and invertebrates           |    |     |     |          |                                 |
| Total  |    | 0   |     |          |                                 |
| Weather Resilience   | 0  | 0   | 0   |          |                                 |
| Drifted snow   |    |     |     |          |                                 |
| Naturally available moisture use                             |    |     |     |          |                                 |
| Ponding and flooding   |    |     |     |          |                                 |
| Seasonal high water table                                    |    |     |     |          |                                 |
| Seeps  |    |     |     |          |                                 |
| Total  |    | 0   |     |          |                                 |
| Wind and Water Erosion                                       | 5  | 15  | 25  | <b>V</b> |                                 |
| Sheet and rill erosion                                       | 20 | 70  | 100 | <b>V</b> |                                 |
| Wind erosion   | 0  | 30  | 30  | <b>V</b> |                                 |
| Total  |    | 100 |     |          |                                 |
| Long-term Protection of Land                                 | 0  | 0   | 0   |          |                                 |
| Threat of Conversion   |    |     |     |          |                                 |
| Loss of functions and values                                 |    |     | 1   |          |                                 |
| Total  |    | 0   |     |          |                                 |
| Resource Concern Categories Total                            |    | 100 |     |          |                                 |
| Conservation Activities                                      |    |     |     |          | List Activities (see tabs)      |
|  |    |     |     |          |                                 |
| Structural   |    |     |     |          | See Conservation Practice List  |
| Vegetative   |    |     |     |          | See Conservation Practice List  |
| ·  |    |     |     |          | Det Condet (anon't factive Disc |
| Management   |    |     |     |          | See Conservation Practice List  |
|  |    |     |     |          | See Combet (anom Fractice Edit  |
| Enhancements   |    |     |     |          | NI A                            |
| Enhancements   |    |     |     |          | NA                              |

| Easement Practices                                       |      |         |      |
|--|------|---------|------|
| RANKING COMPONENT WEIGHTS                                | Min% | Default | Max% |
| Vulnerabilities  | 40   | 40      | 40   |
| Planned Practice Points                                  | 15   | 15      | 15   |
| Resource Priorites                                       | 20   | 30      | 40   |
| Program Priorities                                       | 5    | 5       | 15   |
| Efficiency = (Planned Practice Points divided by Average |      |         |      |
| Practice Cost)   | 10   | 10      | 10   |
| Total  |      | 100     |      |

| <b>Practice Code</b> | Practice Name                                    |
|----------------------|--|
| 102                  | Comprehensive Nutrient Management Plan - Written |
| 104                  | Nutrient Management Plan - Written               |
| 110                  | Grazing Management Plan - Written                |
| 114                  | Integrated Pest Management Plan - Written        |
| 116                  | Soil Health Management Plan - Written            |
| 118                  | Irrigation Water Management Plan - Written       |
| 130                  | Drainage Water Management Plan - Written         |
| 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                                |
| 430                  | Irrigation Pipeline                              |
| 442                  | Sprinkler System                                 |

| <b>Practice Code</b> | Practice Name  |
|----------------------|--|
| 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                  | Striperopping  |
| 587                  | Structure for Water Control                                    |
| 590                  | Nutrient Management  |
| 595                  | Integrated Pest Management                                     |
| 600                  | Terrace  |
| 601                  | Vegetative Barrier   |
| 603                  | Herbaceous Wind Barriers                                       |
| 605                  | Denitifying 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                               |

| Practice Code | Practice Name                            |  |
|---------------|--|--|
| 642           | Water Well                               |  |
| 646           | Shallow Water Development and Management |  |
| 650           | Windbreak/Shelterbelt Renovation         |  |
| 656           | Constructed Wetland                      |  |
| 657           | Wetland Restoration                      |  |
| 666           | Forest Stand Improvement                 |  |
| 782           | Phosphorous Removal System               |  |