

TABLE 2.7.2-1

**VEGETATION MAPPING UNITS SAMPLED
STARK COUNTY, NORTH DAKOTA, 2006-2007**

| ECOLOGICAL SITE/ VEGETATION TYPE | SAMPLE SITE NUMBER¹ by ECOLOGICAL GROUP | PERMIT AREA (n) | STUDY AREA (n) |
|--|---|----------------------------|---------------------------|
| GROUP 1 - HIGH WATER TABLE² | | 17 | 24 |
| Saline Lowland-Wet Land- Subirrigated (SL-WL-Sb) | SL-1 to SL-9 | 4 | 9 |
| Loamy Overflow-Subirrigated-Wet Land (LyOv-Sb-WL) | WL-1 to WL-6 | 6 | 6 |
| Wet Land-Wet Meadow (WL-WM) | WL-7 to WL-15 | 7 | 9 |
| WOODLAND | | 28 | 35 |
| Riparian Woodland (RW) | RW-1 to RW-32 | 27 | 32 |
| Deciduous Tree Woodland (DTW) | DTW-1 to DTW-3 | 1 | 3 |
| GROUP 2 - SHALLOW AND VERY SHALLOW | | 11 | 20 |
| Shallow Clayey (SwCy) | SwCy-1 to SwCy-2 | 1 | 2 |
| Shallow Loamy (SwLy) | SwLy-1 to SwLy-16 | 10 | 16 |
| Shallow Sandy (SwSy) | SwSy-1 to SwSy-2 | 1 | 2 |
| GROUP 3 - CLAYPAN | | 12 | 17 |
| Claypan (Cp) | Cp-1 | 1 | 1 |
| Thin Claypan (TCp) | TCp-1 to TCp-16 | 12 | 16 |
| GROUP 4 - SANDY | | 3 | 5 |
| Sandy (Sy) | Sy-1 to Sy-5 | 3 | 5 |
| GROUP 5 - CLAYEY | | 8 | 8 |
| Clayey (Cy) | Cy-1 to Cy-8 | 8 | 8 |
| GROUP 6 - LOAMY | | 24 | 31 |
| Loamy (Ly) | Ly-1 to Ly-2 | 1 | 2 |
| Loamy Overflow (LyOv) | LyOv-1 to LyOV-4 | 1 | 4 |
| Loamy Terrace (LyT) | LyT-1 to LyT-21 | 20 | 21 |
| Loamy Terrace (occasionally Clayey Terrace) (LyT (occ. CyT)) | LyT-22 to LyT-25 | 2 | 4 |
| TAME PASTURE | | 27 | 47 |
| Tame Pasture (TP) | TP-1 to TP-47 | 27 | 47 |
| TOTAL | | 132 | 187 |

¹All sample site locations are shown on Exhibit 2.7.2-1.

²Wet Land (WL) is composited with inclusions of the Wet Meadow (WM) and/or Subirrigated (Sb) and Loamy Overflow (LyOv) ecological sites for mapping and data reduction purposes, due to the intricate mosaic nature of these types in the study area landscape.

n = number of samples