

Devils Lake Basin

Identifying Drained Wetlands

Project Goal: To identify possible illegal drains within the Devils Lake Basin.

Steps involved in the process

1. Identify areas within section of SWC's Permitted Drains.
2. Identify USFWS's wetland easement areas.
3. Identify areas of drained wetlands.
4. Plot the contributing areas of drainage for wetlands.
5. Identify drains constructed on ND DOT 1959 aerial photos.
6. Create a summary of a list showing identified possible illegal drains within each section with possible identification of current landowner from current county atlas. A map of the identified suspect drain showing the drainage area would also be provided.

Output for WRB for each Township

1. Summary list of suspect drains showing section description and contributing area
2. Copy of NRCS Wetland Inventory map of each suspect drain.
3. Copy of map showing DRG, contributing area and drain location. (MapInfo product)
4. Copy of Procedures for Closing Non-Permitted Drains.
5. Enclosed letter.

Project Requirements.

Time Frame: 6 months

Locations: Development Conference Room
Planning Conference Room

Staff: 4 full time employees

Equipment: 2 - 200 MHZ computers w/ CD ROMS \$1400 - \$1700
2 - Monitors - 20" Color Monitors 2 @ \$1215 = \$2430
Or 17" Sony \$700 per monitor

Software: MapInfo

Supplies: Color Print Cartridges - \$300

Total Expenditures

Staff	\$60,000	- \$15.00/hr - 6 months - 4 persons
Equipment	\$ 4,130	
Software	\$ 2,000	
Supplies	\$ 300	
Total	\$66,430	