

Nutrient Management

Our office assisted 21 farms, creating Comprehensive Nutrient Management Plans (CNMP) managing 8,365 acres. The office worked on 7 grazing management plans (GMP) covering 75.9 acres. Two waterline and watering facilities were constructed along with 4 manure storages around the county this year. We assisted 7 farms with an initial inventory and evaluation of the farm to see what resource concerns need addressed.



(Pictured are several of the grazing operations in the county that our office has assisted.)

Forestry Programs

We have continued to assist landowners with managing their forested ground. We have completed 11 timber management plans covering 210 acres. District staff assisted the Crawford County Auditor with 107 CAUV site inspections on 3,082 acres of forestland. We also verified for the Auditor conservation practices; implemented by 37 landowners on 87 parcels within the county.



CRAWFORD SWCD 2022 TECHNICAL REPORT

This waterway was several thousand feet long so the drone imagery shows the work best. Pictured right is looking down on the box scraper during construction and the photo below shows the straw blankets being installed.



With the installation of 42,620 feet of waterway this year, Crawford County saved approximately **2,100 TONS** of soil from being eroded into local streams.

Pictured right is a concrete footer for a manure storage building. Our office is out in all stages of the construction to make sure it is being built to proper specifications and with proper materials.

We assisted with 4 structures this year through USDA EQIP Program.





The H2Ohio program was extended to Crawford County in 2021 and has promoted water quality best management practices including nutrient management planning.

- 118 participants
- 28,865 acres of cover crops
- 110,106 acres of nutrient management
- 8,237 acres of small grains planting
- 1 Drainage Water Management Structure installed
- **\$1,105,447.45 paid to producers this year for completed practices**
 - \$3,181,953.50 allocated to producers for 2023 practices
- \$10,155,907 is allocated to Crawford County for the entire program which ends after the 2025 crop year

Pictured top right of the page is a producer applying fertilizer with a strip till machine. This practice places fertilizer where it is accessible to the plant, and reduces erosion, that would lead into streams, that flow into Lake Erie. Picture right is Derek Beat—H2Ohio Technician inspecting a roller crimped cover crop that was later planted into. This cover crop will provide cover to the planted seed to reduce weeds and holds water during rains instead of running off.



Conservation Engineering Assistance in 2022

CRP (Conservation Reserve Program)

- ◆ 47 Waterways
- ◆ 7 Rock Pads
- ◆ 2 Rock Chutes

CREP (Conservation Reserve Enhancement Program):

- ◆ 4 Wetlands on 5 ac
- ◆ 7 ac Tree Planting
- ◆ 3 ac of Filter Strips

EQIP (Environmental Quality Incentive Program):

- ◆ 4 Manure Storage Structures
- ◆ 5 Hydrants and Waterline for Grazing
- ◆ 2,000 ft. Livestock Fence for Grazing
- ◆ 12 Vernal Pools

Our office assisted 71 landowners with drainage and pond consultations

Water hydrant installation



Surveying tile outlet



Pictured right is a broken down tile that was found during a survey. Fixing the tile and installing a grassed waterway will help control the erosion at this site.



Pictured above is a wetland being constructed. Wetlands are a natural filter for the surface water that runs through the vegetation and settles into shallow pools. They are also a great habitat enhancement for wildlife to establish in.

