

Initiative Name and Acronym – National Water Quality Initiative (NWQI)

Description/Summary

The purpose of NWQI is to work with producers and landowners to implement voluntary conservation practices as part of areawide efforts to improve water quality in high-priority areas. NWQI is designed to help individual agricultural producers take actions to reduce the runoff of sediment, nutrients, and pathogens into surface waters where water quality is a critical concern.

The State Conservationist has worked with State water quality agencies, State Technical Committees, and other partners to select watersheds that would receive targeted, long-term investment in order to accelerate voluntary conservation efforts to improve water quality.

NWQI emphasizes a “systems approach” to address priority natural resource concerns. A cornerstone of this approach is to encourage producers to implement a system of practices that has been determined to address specific high-priority resource concerns in selected watersheds and incorporate practices that address the concepts of avoiding, controlling, or trapping pollutants, or “ACT.”

Eligible Areas:

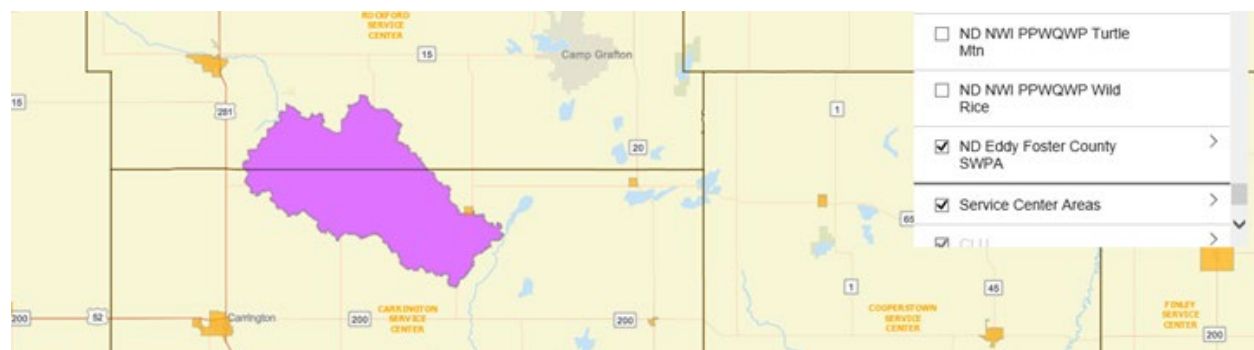
North Dakota Selected Watershed:		
12 Digit HUC	Creek Name	County - Location
101600010502	Upper James	Eddy/Foster
90203060602	Horseshoe Lake	Walsh
90203080505	Outlet Forest River	Walsh
9203080102	Park River	Walsh

Ranking Criteria:

Ranking criteria will be established for NWQI and populated in CART

Upper James – 1016000010502 – Eddy/Foster

The map below shows the eligible areas for the EQIP NWQI SWPA in Eddy/Foster Counties. The layer name is: ND Eddy Foster County SWPA and can be down loaded into your respective applicants CD folder, 50% of each land unit must be within the identified HUC 12 for them to be considered for funding.



Fund Code: Funding pool will be denoted by “**FY23 NWQI – 101600010502**”

Primary Resource Concerns: National approved Resource Concerns Categories

<i>Resource Concern Categories</i>
Aquatic Habitat
Concentrated Erosion
Field Sediment, Nutrient, and Pathogen Loss
Field Pesticide Loss
Salt Loss to Water
Soil Quality Limitations
Source Water Depletion
Storage and Handling of Pollutants
Wind and Water Erosion

Approved Land Uses:

<i>Land Use Type</i>
Crop
Forest
Range
Pasture
Farmstead
Associated Ag Land

Approved Conservation Practices – Conservation Planning Activities, (CPA’s) and Design and Implementation Activities (DIA’s) Core and Supporting Practices.

CPA's & DIA's	<u>Code</u>
Comprehensive Nutrient Management Plan	102
Nutrient Management Design and Implementation	157
Irrigation Water Management Design	163
Drainage Water Management Design	164

Enclosure A

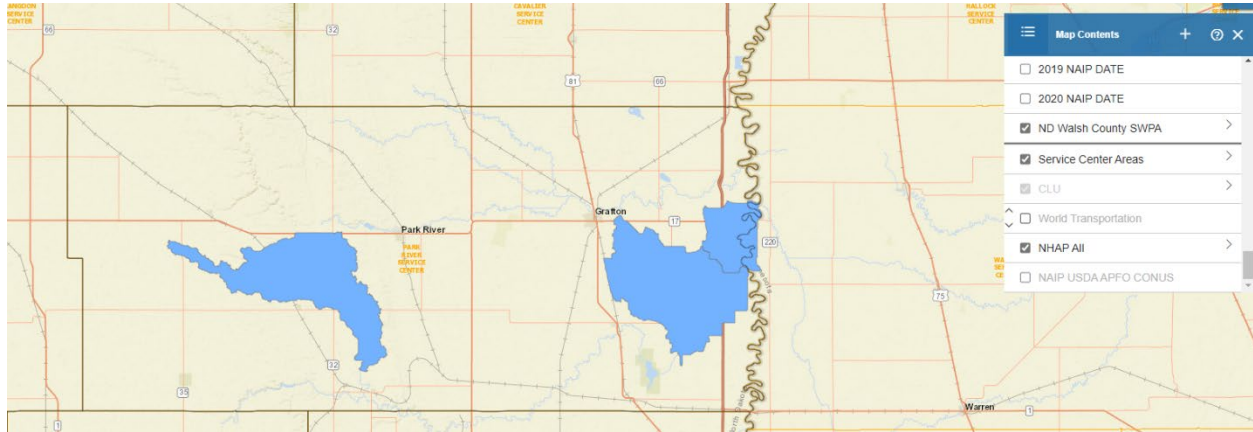
Core Practices	Code	Avoiding	Controlling	Trapping
Waste Storage Facility	313	X	X	
Animal Mortality Facility	316		X	
Composting Facility	317	X	X	
Conservation Cover	327	X		X
Conservation Crop Rotation	328	X		
Residue and Tillage Management, No Till/Strip Till/Direct Seed	329		X	X
Cover Crop	340	X		X
Critical Area Planting	342		X	X
Residue and Tillage Management, Reduced Till	345		X	X
Waste Facility Closure	360	X		
Anaerobic Digester	366		X	
Field Border	386		X	X
Riparian Herbaceous Cover	390			X
Riparian Forest Buffer	391			X
Filter Strip	393		X	X
Grade Stabilization Structure	410		X	X
Grassed Waterway	412		X	
Irrigation Reservoir	436		X	
Irrigation Water Management	449		X	
Access Control	472	X		
Prescribed Grazing	528	X		
Drainage Water Management	554		X	
Heavy Use Area Protection	561	X		
Trails and Walkways	575		X	
Streambank and Shoreline Protection	580	X		
Nutrient Management	590	X		
Saturated Buffer	604			X
Denitrifying Bioreactor	605			X
Tree/Shrub Establishment	612	X		X
Waste Treatment	629		X	
Waste Transfer	634	X		
Vegetated Treatment Area	635			X
Water and Sediment Control Basin	638		X	X
Constructed Wetland	656			X

Walsh County SWPA Watersheds

90203060602	Horseshoe Lake	Walsh
90203080505	Outlet Forest River	Walsh
9203080102	Park River	Walsh

Enclosure A

The map below shows the eligible areas for the EQIP NWQI SWPA in Walsh County. The layer name is: ND Walsh County SWPA and can be down loaded into your respective applicants CD folder, 50% of each land unit must be within the identified HUC 12 for them to be considered for funding.



Fund Code: Funding pool will be denoted by FY23 ND NWQI – Walsh - SWPA

Primary Resource Concerns: National approved Resource Concerns Categories

<i>Resource Concern Categories</i>
Concentrated Erosion
Field Sediment, Nutrient, and Pathogen Loss
Field Pesticide Loss
Storage and Handling of Pollutants
Wind and Water Erosion

Approved Land Uses:

<i>Land Use Type</i>
Crop
Range
Pasture
Farmstead
Associated Ag Land

Approved Conservation Practices – Conservation Planning Activities, (CPA's) and Design and Implementation Activities (DIA's) Core and Supporting Practices.

Design and Implementation Activities (DIA's)	<u>Code</u>
Nutrient Management Design and	157
Irrigation Water Management Design	163
Drainage Water Management Design	164

Approved Core and Supporting Practices:

Code	Practice Name	Core/Supporting	Avoiding	Controlling	Trapping
327	Conservation Cover	Core	X		X
328	Conservation Crop Rotation	Core	X		
329	Residue and Tillage Management, No Till / Strip Till / Direct Seed	Core		X	X
340	Cover Crop	Core	X		X
342	Critical Area Planting	Core		X	X
345	Residue and Tillage Management, Reduced Till	Core		X	X
380	Windbreak/Shelterbelt Establishment	Supporting		X	X
390	Riparian Herbaceous Cover	Core			X
391	Riparian Forest Buffer	Core			X
393	Filter Strip	Core		X	X
449	Irrigation Water Management	Core		X	
511	Forage Harvest Management	Supporting	X	X	
512	Forage and Biomass Planting	Supporting	X		X
528	Prescribed Grazing	Core	X		
550	Range Planting	Supporting			X
554	Drainage Water Management	Core		X	
587	Structure for water control	Supporting		X	X
590	Nutrient Management	Core	X		
605	Denitrifying Bioreactor	Core			X
644	Wetland Wildlife Habitat Management	Supporting		X	