Welcome to the 2012 Conservation Drainage Workshop

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Conservation Planning covers all resource concerns

Drainage Water Management

The objective of Drainage Water Management (DWM) is to control soil water table elevations and the timing of water discharges from subsurface or surface agricultural drainage systems.

Key Points

- DWM is ideally part of an overall conservation plan
- How NRCS can pay for DWM planning - EQIP
- How you find a Technical Service Provider

Drainage Water Management

- Can be an important practice
  - To reduce nutrient losses
  - To preserve soil moisture
  - To allow dormant season saturation for
    - Wildlife benefits
    - Water storage

CAP130 – Drainage Water Management Plan

- For NRCS Funding:
  - Producer must have an EQIP contract
  - Work must be performed by a NRCS certified TSP
  - Plan must meet NRCS requirements
DWM Planning

- Conservation Activity Plan 130 (CAP130)
- Payment rate for 2012 was $1415 per field
  - 20 ac?
  - 160 ac?
- Anticipate revisions in 2013

Charlie Schuler, President, AgriDrain, Adair, Iowa

DWM Planning

- In Minnesota...
  - NRCS can fund DWM planning assistance for
    - Retrofitting old systems
    - New systems

Illustration from AgriDrain, Adair, Iowa

DWM Planning

- NRCS does not pay for tile in a Drainage Water Management Plan.
  - The upstream tile water enters Water Control Structures.
  - Possible New for 2013 EQIP signup - Interim Vegetated subsurface drain outlet practice (Saturated Buffer)

Implementation

NRCS can pay toward:

- Water Control Structures
  - $1071 for 10” or smaller
  - $1285 for 12” or larger
  - This includes payment on fittings, piping, anti-seep diaphragms, etc...

Implementation

Denitrifying Bioreactor
- 2012 rates $18.00 cu yd.
- The payment includes the volume of wood chips, excavating, piping, and fabric

Drainage Water Management
- 2012 rates paid
  - $7.58/acre for 3 years
  - Limit is $1100

Implementation

If public funds are involved, requires additional technical assistance:
- Specs for control structure
  - Materials
  - Installation
  - Already have location/elevation
  - Construction verification
  - Certifying
How to signup for EQIP

- EQIP is a continuous signup.
- Each Fiscal Year the MN – NRCS sets funding ranking periods.
- Applicant must complete a NRCS-CPA-1200 with their local NRCS Field Office.

Applicant must meet the EQIP program requirements to be considered for funding

- Be a producer
- Have control of the land for the term of the proposed contract period
- Be in compliance with the Highly Erodible Land (HEL) and Wetland Conservation Compliance (WCC) provisions.

EQIP

- The Drainage Water Management CAP 130 practice is a stand alone application.
- Once a CAP 130 plan has been completed and certified by a NRCS Certified TSP, NRCS field office can issue payment.
- The next EQIP application can be completed based on what the plan requires for structures and Drainage Water Management

How do you find a TSP?

- Ag Drainage Management Coalition web page
  http://admcoalition.com/
- NRCS TechReg website:
- Google: NRCS TechReg

Questions?

- DWM is ideally part of an overall conservation plan
- How NRCS can help pay for DWM planning
- How you find a TSP

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