

DRAINAGE WATER MANAGEMENT PLAN - WRITTEN

Practice Code 130

Non-Livestock Structural Practice

PRS Unit of Measurement: Number

Definition: The objective of a Drainage Water Management Plan (DWMP) is to manage field water table elevations and the timing of water discharges from subsurface or surface agriculture drainage systems.

Purpose: To improve water quality, improve the soil environment for vegetative growth, reduce the rate of oxidation of organic soils, prevent wind erosion, and enable seasonal shallow flooding or surface watercourse flows for fish and wildlife habitat.

Applicability: Provide a producer a framework for the implementation of DWMP on existing artificially drained land.

Limitations:

Maintenance: Practice must be maintained for a lifespan of 1 year.

Payment Schedule:

ID	Scenario Name	Scenario & <u>After Practice Description</u>	Scenario Feature Measure	Scenario Unit	EQIP	EQIP-HU	EQIP-Initiative	EQIP-Initiative-HU
130-9	DWMP - Tile Map Available	<p>Scenario Description: A Drainage Water Management Plan (DWMP) will be developed on a relatively flat crop field with a patterned drainage system, where a map of the tile system is available. The DWMP will document soil, topographic, and drainage system maps of the site, and identify the number and location of water control structures that are needed to implement drainage water management according to Field Office Technical Guide standards. The DWMP will also provide guidelines for management of the water control structures to achieve desired resource outcomes. After Practice Description: A certified Technical Service Provider (TSP) develops the 'Drainage Water Management' conservation activity plan (CAP). The DWMP documents soil, topographic, and drainage system maps of the site, and identifies the number and location of water control structures that are needed to implement drainage water management according to Field Office Technical Guide standards. The DWMP also provides guidelines for management of the water control structures to achieve desired resource outcomes. The plan is ready for implementation with structural measures and management once the structures are installed. No actual benefits to resource concerns are achieved until the practices in the DWMP are implemented.</p>	Number	Number	\$2,062.65	\$2,475.17	N/A	N/A

ID	Scenario Name	Scenario & <u>After Practice Description</u>	Scenario Feature Measure	Scenario Unit	EQIP	EQIP-HU	EQIP-Initiative	EQIP-Initiative-HU
130-10	DWMP - No Tile Map Available	<p>Scenario Description: A Drainage Water Management Plan (DWMP) will be developed on a relatively flat crop field with a patterned drainage system, where no map of the tile system is available. The DWMP will document soil, topographic, and drainage system maps of the site, and identify the number and location of water control structures that are needed to implement drainage water management according to Field Office Technical Guide standards. The DWMP will also provide guidelines for management of the water control structures to achieve desired resource outcomes. After Practice Description: A certified Technical Service Provider (TSP) develops the 'Drainage Water Management' conservation activity plan (CAP). The DWMP documents soil, topographic, and drainage system maps of the site, and identifies the number and location of water control structures that are needed to implement drainage water management according to Field Office Technical Guide standards. The DWMP also provides guidelines for management of the water control structures to achieve desired resource outcomes. The plan is ready for implementation with structural measures and management once the structures are installed. No actual benefits to resource concerns are achieved until the practices in the DWMP are implemented.</p>	Number	Number	\$2,459.81	\$2,951.77	N/A	N/A