

## Field Office Checklist and TSP Plan Review

### Conservation Activity Plan – Drainage Water Management Plan Practice Activity Code (130)

(Refer to National Bulletin 450-11-1 for a complete listing of CAP Criteria)

**Purpose:** The purpose of this checklist is to provide guidance for components that need to be addressed or included in a Drainage Water Management Plan. This checklist is designed for use by NRCS staff as well as Technical Service Providers. Please refer to CAP Development Criteria for specific elements to be addressed.

<b>Drainage Water Management Plan</b>	
<b>State/County:</b>	<b>Date Plan Submitted:</b>
<b>Producer/Owner:</b>	<b>Technical Service Provider:</b>
<b>Producer/Owner:</b>	<b>TSP Number:</b>
<p><b>A Drainage Water Management Plan (DWMP)</b> 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 agricultural drainage systems for the following purposes: 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.</p> <p>Technical Guidance, Criteria, and Content for the DWMP is found at the Missouri eFOTG <a href="http://www.nrcs.usda.gov/technical/efotg/">http://www.nrcs.usda.gov/technical/efotg/</a>. Navigate to: Missouri, County, Section III, Technical Criteria – Conservation Activity Plans, Drainage Water Management Plan (130).</p> <p><b>Minimum components of a DWMP shall include:</b></p>	

1.	<b>Technical Criteria: Minimum criteria to be addresses in development and implementation of DWMP</b>
<input type="checkbox"/>	1. Farm and field information: <ol style="list-style-type: none"> <li>a. Name of producer;</li> <li>b. Farm number, field and/or Tract number;</li> <li>c. Crops grown, and planned rotation by field;</li> <li>d. Name of contractor or consultant developing plan;</li> <li>e. Date of plan development</li> </ol>
<input type="checkbox"/>	2. The objectives of the producer, which should involve one of the purposes listed in CPS 554, Drainage Water Management.
<input type="checkbox"/>	3. Maps: The following maps should be included in the DWMP <ol style="list-style-type: none"> <li>a. A soils map that includes field boundaries, with the predominant soils listed and area quantified;</li> <li>b. A drainage system map that includes the size, materials, and locations of mains, laterals and application systems;</li> <li>c. A delineation of the area within the field drained by the system;</li> </ol>

	<ul style="list-style-type: none"> <li>d. Wetland delineation map, if applicable;</li> <li>e. A topographic map on a maximum of 120-foot grid that shows elevation contours on a 6-inch increment (drainage system map and topographic map need to be the same scale). The topographic map should include, at a minimum, all of the drained area as defined above;</li> <li>f. An overlay of the above maps with location, size, and impacted area identified for each planned control structure.</li> </ul>
<input type="checkbox"/>	<p>4. The management instructions should follow the Operation and Maintenance section of CPs 554, which states that to reduce soil oxidation and to minimize wind erosion and nitrate transport, the outlet elevation at the water control structure shall be set to allow the water table to rise to within 6 inches or less of the ground surface at the designated control elevation during fallow periods and when practical.</p> <p>The DWMP also must include the following instructions:</p> <ul style="list-style-type: none"> <li>a. The time after harvest to replace boards and the designated outlet elevation during the winter months (or fallow season);</li> <li>b. The time in the spring to release water (this will vary depending on the crop: e.g. March for corn and April for soybeans), and A delineation of the area within the field drained by the system;</li> <li>c. Guidelines for the control of drainage and the management of the water table during the growing season (see CPS 554), and;</li> <li>d. Evaluation of the DWMP's effect on wetlands and compliance with the National Food Security Act.</li> </ul>
<input type="checkbox"/>	<p>5. A summary sheet that lists the pipe diameter or dimensions of each water control structure and the area impacted by each structure.</p>
<input type="checkbox"/>	<p>6. A signature page, with names, dates and signatures of all contract holders and the person who prepared the plan. The signature page should also contain a space for approval by NRCS.</p>
<input type="checkbox"/>	<p>7. A District Conservationist checklist, covering each component of this statement of work, should also be included.</p>
<input type="checkbox"/>	<p>8. The DWMP components shall be assembled into one complete plan.</p>
<input type="checkbox"/>	<p>9. Conservation Plan which includes planned practices, schedule of implementation, appropriate site specific specifications and job sheet for each practice.</p>
<input type="checkbox"/>	<p>10. References</p>
<input type="checkbox"/>	<p>11. TSP was certified at the time of plan submittal.</p>

United States Department of Agriculture Natural Resources Conservation Service

Yes	No	<b>Checklist Approval</b>	
		I have reviewed this Drainage Water Management Plan (DWMP) and all of the items in the checklist of the Conservation Activity Plan 130 are present.	
NRCS Representative Name and Title (print or type):			
NRCS Representative Signature			Date:
Notes (If "No" is checked, include reasons for denial, comments, missing items that need to be added, etc.):			