

Field Office Checklist and TSP Plan Review

Conservation Activity Plan – Irrigation Water Management Plan Practice Activity Code (118)

(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 an Irrigation 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.

Irrigation Water Management Plan	
State/County:	Date Plan Submitted:
Producer/Owner:	Technical Service Provider:
Producer/Owner:	TSP Number:
<p>An Irrigation Water Management Plan (IWMP) provides the producer with a guide for the proper management and application of irrigation water resources. The objective of Irrigation Water Management is to control the volume, frequency and rate of water for efficient irrigation.</p> <p>Technical Guidance, Criteria, and Content for the IWMP is found at the Missouri eFOTG http://www.nrcs.usda.gov/technical/efotg/. Navigate to: Missouri, County, Section III, Technical Criteria – Conservation Activity Plans, Irrigation Water Management Plan (118).</p>	
Minimum components of a IWMP shall include:	
1.	General Criteria: IWMP plans should address:
<input type="checkbox"/>	<ul style="list-style-type: none"> a. Resource concerns identified, and; b. Conservation practices needed to comprise a conservation system for IWM; c. Economics of water use; d. Energy consumption; e. Crop yield.
2.	Technical Criteria: Minimum criteria to be addresses in development and implementation of IWM Plan
<input type="checkbox"/>	<ul style="list-style-type: none"> 1. Farm and field information: <ul style="list-style-type: none"> a. Name of producer; b. Farm number, field and/or Tract number; c. Crops grown, and planned rotation by field; d. Name of contractor or consultant developing plan; e. Date of plan development
<input type="checkbox"/>	<ul style="list-style-type: none"> 2. The objectives of the producer, which should involve one of the purposes listed in CPS 449, Irrigation Water Management.

<input type="checkbox"/>	3. A soils map that includes field boundaries, with the predominant soils listed and area quantified.
<input type="checkbox"/>	4. An irrigation system map that includes the size, materials, and locations of mains, laterals and application systems.
<input type="checkbox"/>	5. Documentation of past water withdrawals and applications, by crop.
<input type="checkbox"/>	6. The methods planned to measure or quantify future water withdrawals and irrigation applications.
<input type="checkbox"/>	7. Planned water application volumes, on a seasonal and/or annual basis, and by crop.
<input type="checkbox"/>	8. Soil tests, to include nutrient levels and salinity. Water tests, to include nutrients, pathogens, salinity, pH, and trace elements.
<input type="checkbox"/>	9. Estimates of irrigation system uniformity, based on testing, evaluation, or observation
<input type="checkbox"/>	10. Documentation of the scientific method planned for scheduling the timing and amount of irrigation applications, based on the measurement or estimation of soil moisture, and the measurement or prediction of evapotranspiration (E_t_c) of the crop(s). The proposed irrigation scheduling method should include: <ul style="list-style-type: none"> a. Estimated volume of water applied by field, irrigation event, season, and/or year; b. Estimated frequency or timing of irrigation applications, by field; c. Estimated application rates and depths of irrigation events.
<input type="checkbox"/>	11. An operation and maintenance plan, to include a check list of items to eliminate non-beneficial system losses.
<input type="checkbox"/>	12. A signature page, with names, dates and signatures of all contract holders and the person who prepared the plan.
<input type="checkbox"/>	13. The IWMP components shall be assembled into one complete plan.
<input type="checkbox"/>	14. Conservation Plan which includes planned practices, schedule of implementation, appropriate site specific specifications and job sheet for each practice.
<input type="checkbox"/>	15. References
<input type="checkbox"/>	16. TSP was certified at the time of plan submittal.

United States Department of Agriculture Natural Resources Conservation Service

Yes	No	Checklist Approval	
		I have reviewed this Irrigation Water Management Plan (IWMP) and all of the items in the checklist of the Conservation Activity Plan 118 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.):			