

# Technical Service Conservation Activity Plans and Criteria Options for Certification

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**Note:** This document lists all conservation activity plans and the options for certification within each conservation activity plan. You only need to meet the criteria for ONE option group to satisfy the certification requirements for an activity plan. However, you must meet ALL of the criteria within the selected option group.

Conservation Activity Plans	Options	Criteria
CAP - Agricultural Energy Management (AgEMP) Plan Approval		Start Date: 3/23/2009 ; End Date: Amendments for the Treatment of Agricultural Waste (591); Anaerobic Digester, Ambient Temperature (365); Anaerobic Digester, Controlled Temperature (366); Animal Mortality Facility (316); Closure of Waste Impoundment (360); Composting Facility (317); Conservation Crop Rotation (328); Contour Farming (330); Cover Crop (340); Cross Wind Trap Strips (589C); Forage Harvest Management (511); Forest Slash Treatment (384); Forest Stand Improvement (666); Fuel Break (383); Heavy Use Area Protection (561); Herbaceous Wind Barriers (603); Irrigation System, Microirrigation (441); Irrigation System, Sprinkler (442); Irrigation System, Surface and Subsurface (443); Irrigation Water Management (449); Manure Transfer (634); Mulching (484); Nutrient Management (590); Prescribed Forestry (409); Prescribed Grazing (528); Pumping Plant (533); Residue and Tillage Management, Mulch Till (345); Residue and Tillage Management, No-Till/Strip Till/Direct Seed (329); Residue and Tillage Management, Ridge Till (346); Solid/Liquid Waste Separation Facility (632); Stripcropping (585); Waste Facility Cover (367); Waste Storage Facility (313); Waste Treatment (629); Waste Treatment Lagoon (359); Windbreak/Shelterbelt Establishment (380); Windbreak/Shelterbelt Renovation (650);
	Agricultural Energy Management Plan Approval Option 1 - Knowledge & Training	<u>Qualifications</u> : Meet the qualifications for either the "Component 1 - Landscape Plan Development" or "Component 2 - Headquarters Plan Development".
CAP - Agricultural Energy Management - Component 1 - Landscape Plan Development		Start Date: 3/23/2009 ; End Date: Conservation Crop Rotation (328); Contour Farming (330); Cover Crop (340); Cross Wind Trap Strips (589C); Forage Harvest Management (511); Forest Slash Treatment (384); Forest Stand Improvement (666); Fuel Break (383); Heavy Use Area Protection (561); Herbaceous Wind Barriers (603); Irrigation System, Microirrigation (441); Irrigation System, Sprinkler (442); Irrigation Water Management (449); Mulching (484); Nutrient Management (590); Prescribed Forestry (409); Prescribed Grazing (528); Pumping Plant (533); Residue and Tillage Management, Mulch Till (345); Residue and Tillage Management, No-Till/Strip Till/Direct Seed (329); Residue and Tillage Management, Ridge Till (346); Stripcropping (585); Windbreak/Shelterbelt Establishment (380); Windbreak/Shelterbelt Renovation (650);
	Agricultural Energy Management - Component 1 - Option 1 - Certification	<u>Agricultural Energy Development</u> : Develop a AgEMP (122) for the Cropland, Pasture/Rangeland, Forestland, etc that meets the criteria listed in Section III of the FOTG. <u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of the Land Treatment Plan. <u>Land Treatment</u> : Certification with at least one of the following: 1) CCA- Certified Crop Advisor certification from the American Society of Agronomy (ASA), 2) CPAg- Certified Professional Agronomist certification from the American Society of Agronomy (ASA), 3) CPCSc- Certified Professional Crop Scientist certification from the American Society of Agronomy (ASA), 4) Certified Professional Crop Consultant Certification through the National Alliance of Independent Crop Consultants (NAICC), 5) Certified Range Management Consultant by Society for Range Management (SRM), 6) Certified Grassland Professional by the American Forage and Grassland Council (AFGC), 7) be a full-member and certified with Consulting Foresters of America, Incorporated (ACF), or 8) Certified Forester by the Society of American Foresters (SAF). <u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600 <u>Tools Experience</u> : Proficient in the use of applicable erosion prediction and water management assessment tools (RUSLE2 and/or WEQ, WEPS) <u>Training</u> : Conservation Planning Training (available in Aglearn): 1. Complete modules 1 through 5 of NRCS Conservation Planning course. 2. Air Quality, Climate Change and Energy
	Agricultural Energy Management - Component 1 - Option 2 - Knowledge & Training	<u>Agricultural Energy Development</u> : Develop a AgEMP (122) for the Cropland, Pasture/Rangeland, Forestland, etc that meets the criteria listed in Section III of the FOTG. <u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of the

Conservation Activity Plans	Options	Criteria
		<p>Land Treatment Plan.</p> <p><u>Knowledge of Crop and Grazing Production</u> : Possess and demonstrates the following knowledge, skills and abilities: a) Awareness of the specific program rules and regulations for conservation programs used to carry out conservation treatment, b) Ability to plan and implement conservation practices common to the geographic area, c) the understanding to the crops and grazing produced and their production in the service area, d) knowledge of managing soil water impacting crops and grazing production in the service area, e) knowledge of forest management in the service area.</p> <p><u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p> <p><u>Tools Experience</u> : Proficient in the use of applicable erosion prediction and water management assessment tools (RUSLE2 and/or WEQ, WEPS)</p> <p><u>Training</u> : Conservation Planning Training (available in Aglearn): 1. Complete modules 1 through 5 of NRCS Conservation Planning course. 2. Air Quality, Climate Change and Energy</p>
CAP - Agricultural Energy Mgmt - Component 2 - Headquarters Plan Development		<p>Start Date: 1/25/2010 ; End Date:</p> <p>Amendments for the Treatment of Agricultural Waste (591); Anaerobic Digester, Ambient Temperature (365); Anaerobic Digester, Controlled Temperature (366); Animal Mortality Facility (316); Closure of Waste Impoundment (360); Composting Facility (317); Irrigation System, Microirrigation (441); Irrigation System, Sprinkler (442); Irrigation Water Management (449); Manure Transfer (634); Pumping Plant (533); Solid/Liquid Waste Separation Facility (632); Waste Facility Cover (367); Waste Storage Facility (313); Waste Treatment (629); Waste Treatment Lagoon (359);</p>
	Agricultural Energy Management - Component 2 - Option 1 - Certification	<p><u>Agricultural Energy Management Plan</u> : Develop an Agricultural Energy Management Plan for the Headquarters that meets the criteria listed in Section III of the FOTG.</p> <p><u>Energy Audit Certification</u> : Hold an Association of Energy Engineers (AEE) certification as a Certified Energy Manager (CEM), or hold a Professional Engineer (PE) license. Acceptable headquarters energy audits developed by a TSP who qualifies under Option 1 (Certification) will also satisfy energy audit requirements under the Rural Energy for America Program (REAP).</p> <p><u>Energy Management Planning Tools</u> : The Agricultural Energy Management - Headquarters Plan Development shall be developed in accordance with Performing On-farm Energy Audits (ANSI/ASABE S612). This process determines and documents current energy usage, over the past annual cycle, and provides cost-effective alternatives and recommendations for energy conservation of each farm enterprise.</p> <p><u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p> <p><u>Training</u> : Conservation Planning Training (available in Aglearn): 1. Complete modules 1 through 5 of NRCS Conservation Planning course. 2. Air Quality, Climate Change and Energy</p>
	Agricultural Energy Management - Component 2 - Option 2 - Education & Experience	<p><u>Agricultural Energy Management Plan</u> : Develop an Agricultural Energy Management Plan for the Headquarters that meets the criteria listed in Section III of the FOTG.</p> <p><u>Energy Audit Education</u> : A four-year engineering or architectural degree, or Registered Architect (R.A.) with at least three years experience in energy engineering or energy management.</p> <p><u>Energy Audit Experience</u> : At least three (3) years of experience with energy systems, and the completion of five (5) on-farm energy audits.</p> <p><u>Energy Audit References</u> : Two professional references needed verifying audit work.</p> <p><u>Energy Management Planning Tools</u> : The Agricultural Energy Management - Headquarters Plan Development shall be developed in accordance with Performing On-farm Energy Audits (ANSI/ASABE S612). This process determines and documents current energy usage, over the past annual cycle, and provides cost-effective alternatives and recommendations for energy conservation of each farm enterprise.</p> <p><u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p> <p><u>Training</u> : Conservation Planning Training (available in Aglearn): 1. Complete modules 1 through 5 of NRCS Conservation Planning course. 2. Air Quality, Climate Change and Energy</p>
CAP - CNMP (102)		<p>Start Date: 11/30/2010 ; End Date:</p> <p>Animal Mortality Facility (316); Channel Bank Vegetation (322); Closure of Waste Impoundment (360); Composting Facility (317); Conservation Cover (327); Conservation Crop Rotation (328); Constructed Wetland (656); Contour Buffer Strips (332); Contour Farming (330); Cover Crop (340); Cross Wind Ridges (589A); Cross Wind Trap Strips (589C); Deep Tillage (324); Diversion (362); Feed Management (592); Field Border (386); Filter Strip (393); Grassed Waterway (412); Heavy Use Area Protection (561); Hedgerow Planting (422); Herbaceous Wind Barriers (603); Hillside Ditch (423); Lined Waterway or</p>

Conservation Activity Plans	Options	Criteria
		<p>Outlet (468); Manure Transfer (634); Mulching (484); Nutrient Management (590); Pumping Plant (533); Residue and Tillage Management, Mulch Till (345); Residue and Tillage Management, No-Till/Strip Till/Direct Seed (329); Residue and Tillage Management, Ridge Till (346); Residue Management, Seasonal (344); Rock Barrier (555); Roof Runoff Structure (558); Row Arrangement (557); Runoff Management System (570); Stripcropping (585); Structure for Water Control (587); Subsurface Drain (606); Surface Roughening (609); Terrace (600); Underground Outlet (620); Vegetative Barrier (601); Waste Storage Facility (313); Waste Treatment Lagoon (359); Waste Utilization (633); Wastewater Treatment Strip (635); Waterspreading (640);</p>
	<p>CAP CNMP Option 1 - State Certification</p>	<p><u>CNMP – Policy</u> : Knowledge of CNMP policy contained in GM 190, Part 405 and CNMP Technical Criteria contained in each State Field Office Technical Guide in compliance with NI_190_304.</p> <p><u>CNMP Development - Experience</u> : Provide 2 sample plans, locations, and 2 verifiable customer references where technical service has been provided to document your experience and proficiency in the planning, designing, installation/layout, and checkout of the nutrient management practice.</p> <p><u>Conservation Planning Knowledge</u> : Possess and demonstrate the following knowledge, skills and abilities: a) Awareness of the specific program rules and regulations for conservation programs used to carry out conservation treatment, b) Skill in applying the NRCS conservation planning process, c) Ability to plan and implement conservation practices common to the geographic area, d) Skill in applying approved erosion prediction technology (Revised Universal Soil Loss equation, Wind Erosion Equation, Wind Erosion Prediction System), e) Knowledge of NRCS Field Office Technical Guide standards and specifications for applicable conservation practices in the states and localities to be serviced, f) Skill in using applicable site vulnerability assessment tools, g) Knowledge of Federal, State, tribal, and local laws and regulations.</p> <p><u>Conservation Planning References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Certified Conservation Planner practices. Candidates must complete at least one field reviewed Resource Management System (RMS) plan for a conservation management unit (CMU).</p> <p><u>Conservation Planning State Certification</u> : Possess a current certification as a certified conservation planner from a NRCS approved training program for the states and localities to be serviced. Candidates must meet any additional minimum qualifications and criteria for conservation planning assistance established by the State Conservationist. NRCS certified conservation planners are responsible for keeping their own individual development plan updated to reflect conservation planning training needed and completed. Training to maintain conservation planning skills must, at a minimum, occur once every three years. : OR Conservation Planning NRCS Training Modules 1-9: Complete modules 1 through 9 of NRCS Conservation Planning Course or equivalent NRCS approved Conservation Planning Training. NRCS certified conservation planners are responsible for keeping their own individual development plan updated to reflect conservation planning training needed and completed. Training to maintain conservation planning skills must, at a minimum, occur once every three years; OR Conservation Planning Organization Certification: Conservation Planning Certification through an approved NRCS certification program</p>
	<p>CAP CNMP Option 2 - Knowledge, Experience, Education</p>	<p><u>CNMP – Policy</u> : Knowledge of CNMP policy contained in GM 190, Part 405 and CNMP Technical Criteria contained in each State Field Office Technical Guide in compliance with NI_190_304.</p> <p><u>CNMP Development - Experience</u> : Provide 2 sample plans, locations, and 2 verifiable customer references where technical service has been provided to document your experience and proficiency in the planning, designing, installation/layout, and checkout of the nutrient management practice.</p> <p><u>Conservation Planning Knowledge</u> : Possess and demonstrate the following knowledge, skills and abilities: a) Awareness of the specific program rules and regulations for conservation programs used to carry out conservation treatment, b) Skill in applying the NRCS conservation planning process, c) Ability to plan and implement conservation practices common to the geographic area, d) Skill in applying approved erosion prediction technology (Revised Universal Soil Loss equation, Wind Erosion Equation, Wind Erosion Prediction System), e) Knowledge of NRCS Field Office Technical Guide standards and specifications for applicable conservation practices in the states and localities to be serviced, f) Skill in using applicable site vulnerability assessment tools, g) Knowledge of Federal, State, tribal, and local laws and regulations.</p> <p><u>Conservation Planning NRCS Training Modules 1-9</u> : Complete modules 1 through 9 of NRCS Conservation Planning Course or an equivalent NRCS approved Conservation Planning Training. NRCS certified conservation planners are responsible for keeping their own individual development plan updated to reflect conservation planning training needed and completed. Training to maintain conservation planning skills must, at a minimum, occur once every three years.</p>

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		<p><u>Nutrient Mgt - Education</u> : Bachelor or higher-level degree in agronomy or soil fertility and at least 1 years experience and knowledge in planning, design, layout of the, and practices as associated with this category.</p>
CAP - Comprehensive Air Quality Management Plan (CAQMP) 126		<p>Start Date: 4/20/2011 ; End Date:  Amendments for the Treatment of Agricultural Waste (591); Anaerobic Digester, Ambient Temperature (365); Anaerobic Digester, Controlled Temperature (366); Animal Mortality Facility (316); Closure of Waste Impoundment (360); Composting Facility (317); Conservation Cover (327); Conservation Crop Rotation (328); Critical Area Planting (342); Cross Wind Trap Strips (589C); Feed Management (592); Forage Harvest Management (511); Forest Slash Treatment (384); Forest Stand Improvement (666); Fuel Break (383); Heavy Use Area Protection (561); Herbaceous Wind Barriers (603); Irrigation System, Sprinkler (442); Manure Transfer (634); Mulching (484); Nutrient Management (590); Prescribed Burning (338); Prescribed Forestry (409); Prescribed Grazing (528); Residue and Tillage Management, Mulch Till (345); Residue and Tillage Management, No-Till/Strip Till/Direct Seed (329); Residue and Tillage Management, Ridge Till (346); Residue Management, Seasonal (344); Solid/Liquid Waste Separation Facility (632); Stripcropping (585); Waste Facility Cover (367); Waste Storage Facility (313); Waste Treatment (629); Waste Treatment Lagoon (359); Waste Utilization (633); Windbreak/Shelterbelt Establishment (380); Windbreak/Shelterbelt Renovation (650);</p>
	CAQMP (126) Option 1 - Certification, Knowledge & Training	<p><u>Air Quality Experience</u> : At least one year experience and knowledge in the successful planning, design, and installation of air quality-related practices.  <u>Air Quality References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in the planning, design, and installation of air quality-related practices.  <u>CAQMP Development</u> : Develop a CAQMP (126) that meets the criteria listed in Section III of the FOTG.  <u>CAQMP Development Training</u> : Successful completion of the NRCS approved training courses (available in Aglearn): 1. Conservation Planning-Part 1 (Modules 1-5), 2. Air Quality, Climate Change and Energy, 3. Why Should We Care About Air Quality? 4. Air Quality Resource Concerns, 5. Greenhouse Gases and Carbon Sequestration  <u>Certification</u> : At least one of the following certifications: 1) CCA- Certified Crop Advisor certification from the American Society of Agronomy (ASA), or state licensed Pest Control Advisors or equivalent, 2) CPAG- Certified Professional Agronomist certification from the American Society of Agronomy (ASA), 3) CPCSc- Certified Professional Crop Scientist certification from the American Society of Agronomy (ASA), 4) Certified Professional Crop Consultant Certification through the National Alliance of Independent Crop Consultants (NAICC) 5) Certified Range Management Consultant by Society for Range Management (SRM), 6) Certified Grassland Professional by the American Forage and Grassland Council (AFGC), 7) Be a full-member and certified with Consulting Foresters of America, Incorporated (ACF), or 8) Certified Forester by the Society of American Foresters (SAF). 9) Accreditation as a verifier of carbon credits by a carbon registry that: a. Registers offsets created under standards and methodologies developed through a public consultation or peer review process; b. Requires that offsets be measurable, additional, verifiable, enforceable and permanent; c. Requires that offsets be verified by an accredited third-party independent verification entity; d. Registers all offsets on a publicly accessible registry, with individual serial numbers assigned for each ton of carbon dioxide equivalent emission reductions.  <u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of the CAQMP (126).  <u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p>
	CAQMP (126) Option 2 – Education, Knowledge & Training	<p><u>Air Quality Experience</u> : At least one year experience and knowledge in the successful planning, design, and installation of air quality-related practices.  <u>Air Quality References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in the planning, design, and installation of air quality-related practices.  <u>CAQMP Development</u> : Develop a CAQMP (126) that meets the criteria listed in Section III of the FOTG.  <u>CAQMP Development Training</u> : Successful completion of the NRCS approved training courses (available in Aglearn): 1. Conservation Planning-Part 1 (Modules 1-5), 2. Air Quality, Climate Change and Energy, 3. Why Should We Care About Air Quality? 4. Air Quality Resource Concerns, 5. Greenhouse Gases and Carbon Sequestration  <u>Education</u> : Bachelor or higher level degree in engineering, agronomy, range/pasture management, agriculture, or other plant science and 1 year of experience and knowledge successfully planning and applying practices or activities to address air quality.  <u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of the</p>

Conservation Activity Plans	Options	Criteria
		<p>CAQMP (126).  <u>National Planning Procedures Handbook</u> ; Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p>
<p>CAP - Conservation Plan Supporting Organic Transition (CPSOT) (138)</p>		<p>Start Date: 11/29/2010 ; End Date:            Animal Trails and Walkways (575); Brush Management (314); Composting Facility (317); Conservation Crop Rotation (328); Contour Farming (330); Cover Crop (340); Fence (382); Field Border (386); Filter Strip (393); Forage Harvest Management (511); Grassed Waterway (412); Grazing Land Mechanical Treatment (548); Heavy Use Area Protection (561); Nutrient Management (590); Pasture and Hay Planting (512); Pest Management (595); Prescribed Burning (338); Prescribed Grazing (528); Range Planting (550); Residue and Tillage Management, Mulch Till (345); Residue and Tillage Management, No-Till/Strip Till/Direct Seed (329); Residue and Tillage Management, Ridge Till (346); Stream Crossing (578); Stripcropping (585); Use Exclusion (472); Watering Facility (614);</p>
	<p>Conservation Plan Supporting Organic Transition - Option 1 - Educ. &amp; Experience</p>	<p><u>Conservation Plan for organic farming</u> : Provide two locations or customer references where technical service has been provided that verify the personnel experience and proficiency to support OSP planning.  <u>Conservation Plan Supporting Organic Transition Development</u> : Develop a Conservation Plan Supporting Organic Transition Plan (138) that meets the criteria listed in Section III of the FOTG.  <u>Conservation Planning Tools</u> : Knowledge and proficient with the application of the current applicable RUSLE2 and WEQ or WEPS erosion prediction models for wind and water.  <u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part 1 (Modules 1-5).  <u>CPSOT Experience</u> : 1 year of experience developing Organic System Plans (OSP).  <u>FOTG Knowledge</u> : Knowledge of the NRCS Field Office Technical Guide as related to the specific elements for which expertise is being provided.  <u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.</p>
<p>CAP - Drainage Water Management Plan (130)</p>		<p>Start Date: 11/29/2010 ; End Date:            Drainage Water Management (554); Nutrient Management (590); Shallow Water Development and Management (646); Subsurface Drain (606); Surface Drainage, Field Ditch (607); Surface Drainage, Main or Lateral (608); Waste Utilization (633); Wetland Creation (658); Wetland Enhancement (659); Wetland Restoration (657); Wetland Wildlife Habitat Management (644);</p>
	<p>Drainage Water Management Plan Option 1 - Certification</p>	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part 1 (Modules 1-5).  <u>Drainage Water Management Certification</u> : Certification with at least one of the following: 1) Land Improvement Contractors of America (LICA) Certification in the category of Drainage Water Management, OR 2) Agricultural Drainage Management Coalition (ADMC) Certificate of Competency in Drainage Water Management.  <u>Drainage Water Management Plan Development</u> : Develop a Drainage Water Management Plan (130) that meets the criteria listed in Section III of the eFOTG.  <u>Drainage Water Management Planning References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in the planning, design, layout, installation, and inspection of Drainage Water Management practices.  <u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Drainage Water Management Plan.  <u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600  <u>Planning Tools Proficiency</u> : Knowledge, skills and abilities to fully utilize Drainage Water Management Planning tools, e.g., drainage system models (DRAINMOD).</p>
	<p>Drainage Water Management Plan Option 2 - Education</p>	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part 1 (Modules 1-5).  <u>Drainage Water Management Education</u> : Bachelor or higher level degree in Agricultural/Biological Engineering, Agronomy, or Plant Science, with experience in the successful planning, design, and installation of Drainage Water Management practices.  <u>Drainage Water Management Plan Development</u> : Develop a Drainage Water Management Plan (130) that meets the criteria listed in Section III of the eFOTG.  <u>Drainage Water Management Planning References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in the planning, design, layout, installation, and inspection of Drainage Water Management practices.  <u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as</p>

Conservation Activity Plans	Options	Criteria
		<p>related to the specific criteria to be addressed in the development and implementation of a NRCS Drainage Water Management Plan.</p> <p><u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p> <p><u>Planning Tools Proficiency</u> : Knowledge, skills and abilities to fully utilize Drainage Water Management Planning tools, e.g., drainage system models (DRAINMOD).</p>
	<p>Drainage Water Management Plan Option 3 - Experience</p>	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part I (Modules 1-5).</p> <p><u>Drainage Water Management Experience</u> : One year of experience and knowledge in the planning, design, and installation of Drainage Water Management practices.</p> <p><u>Drainage Water Management Plan Development</u> : Develop a Drainage Water Management Plan (130) that meets the criteria listed in Section III of the eFOTG.</p> <p><u>Drainage Water Management Planning References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in the planning, design, layout, installation, and inspection of Drainage Water Management practices.</p> <p><u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Drainage Water Management Plan.</p> <p><u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p> <p><u>Planning Tools Proficiency</u> : Knowledge, skills and abilities to fully utilize Drainage Water Management Planning tools, e.g., drainage system models (DRAINMOD).</p>
	<p>Drainage Water Management Plan Option 4 - Licensed Engineer</p>	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part I (Modules 1-5).</p> <p><u>Drainage Water Management Plan Development</u> : Develop a Drainage Water Management Plan (130) that meets the criteria listed in Section III of the eFOTG.</p> <p><u>Drainage Water Management Planning References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in the planning, design, layout, installation, and inspection of Drainage Water Management practices.</p> <p><u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Drainage Water Management Plan.</p> <p><u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p> <p><u>Planning Tools Proficiency</u> : Knowledge, skills and abilities to fully utilize Drainage Water Management Planning tools, e.g., drainage system models (DRAINMOD).</p> <p><u>Professional Engineering License</u> : A current Professional Engineering license, as required by law in the states of practice.</p>
<p>CAP - Fish &amp; Wildlife Habitat Plan</p>		<p>Start Date: 3/23/2009 ; End Date:</p> <p>Aquaculture Ponds (397); Constructed Wetland (656); Early Successional Habitat Development/Management (647); Field Border (386); Fish Passage (396); Fishpond Management (399); Restoration and Management of Declining Habitats (643); Riparian Herbaceous Cover (390); Shallow Water Development and Management (646); Stream Habitat Improvement and Management (395); Upland Wildlife Habitat Management (645); Watering Facility (614); Wetland Creation (658); Wetland Enhancement (659); Wetland Restoration (657); Wetland Wildlife Habitat Management (644);</p>
	<p>Fish &amp; Wildlife Habitat Plan Option 1 - Certification</p>	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part I (Modules 1-5).</p> <p><u>Fish &amp; Wildlife Habitat Plan Certification</u> : Certification by at least one of the following: Certified Wildlife Biologist by The Wildlife Society (TWS). Certified Fishery Professional by the American Fisheries Society (AFS).</p> <p><u>Fish and Wildlife Habitat Plan Development</u> : Develop a Fish and Wildlife Habitat Plan (142) that meets the criteria listed in Section III of the eFOTG.</p> <p><u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Fish &amp; Wildlife Habitat Plan.</p> <p><u>Habitat Assessments &amp; Planning Tools Proficiency</u> : Provide documentation of knowledge, skills and abilities to fully utilize Habitat Assessments, Evaluations, Habitat Suitability Index Models, and any applicable planning tools.</p> <p><u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p>
	<p>Fish &amp; Wildlife Habitat Plan Option 2 - Education &amp;</p>	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part I (Modules 1-5).</p>

Conservation Activity Plans	Options	Criteria
	Experience	<p><u>Fish and Wildlife Habitat Plan Development</u> : Develop a Fish and Wildlife Habitat Plan (142) that meets the criteria listed in Section III of the eFOTG.</p> <p><u>Fisheries, Wildlife Experience</u> : At least 2 Years experience in planning, design, installation/layout, and checkout of practices associated with this category.</p> <p><u>Fisheries/Wildlife References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of appropriate practices.</p> <p><u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Fish &amp; Wildlife Habitat Plan.</p> <p><u>Habitat Assessments &amp; Planning Tools Proficiency</u> : Provide documentation of knowledge, skills and abilities to fully utilize Habitat Assessments, Evaluations, Habitat Suitability Index Models, and any applicable planning tools.</p> <p><u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p> <p><u>Wildlife, Fisheries, Biology Education</u> : Bachelor or higher level degree in wildlife management, fisheries science, or other related sciences.</p>
CAP - Forest Management Plan (106)		<p>Start Date: 11/29/2010 ; End Date:</p> <p>Alley Cropping (311); Firebreak (394); Forest Site Preparation (490); Forest Slash Treatment (384); Forest Stand Improvement (666); Forest Trails and Landings (655); Fuel Break (383); Multi-Story Cropping (379); Prescribed Burning (338); Riparian Forest Buffer (391); Road/Trail/Landing Closure and Treatment (654); Silvopasture Establishment (381); Tree/Shrub Establishment (612); Tree/Shrub Pruning (660); Use Exclusion (472); Windbreak/Shelterbelt Establishment (380); Windbreak/Shelterbelt Renovation (650);</p>
	Forest Management Plan Option 1 - Certification	<p><u>Certified Forester</u> : Certification by at least one of the following: 1) Be a full-member and certified with Consulting Foresters of America, Incorporated (ACF), or 2) Certified Forester by the Society of American Foresters (SAF).</p> <p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part I (Modules 1-5).</p> <p><u>Forest Management Plan Development</u> : Develop a Conservation Activity Plan that meets the Forest Management Plan (106) criteria listed in Section III of the eFOTG.</p> <p><u>Forestry License</u> : A current Forestry License as required by law in the state of practice.</p> <p><u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Forest Management Plan.</p> <p><u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p>
	Forest Management Plan Option 2 - Education & Experience	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part I (Modules 1-5).</p> <p><u>Forest Management Plan Development</u> : Develop a Conservation Activity Plan that meets the Forest Management Plan (106) criteria listed in Section III of the eFOTG.</p> <p><u>Forestry Education OR Forestry License</u> : Forestry Education: Bachelor or higher level degree in forestry or a related natural resource degree with a concentration in forestry. OR Forestry License: A current Forestry License as required by law in the state of practice.</p> <p><u>Forestry Experience</u> : 5 years experience and knowledge in successful planning, design, layout, inspection, or management of forestry or agroforestry practices associated with this category.</p> <p><u>Forestry References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Forestry/Agroforestry practices.</p> <p><u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Forest Management Plan.</p> <p><u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p> <p><u>Proficiency with Forest Inventory and Planning Tools</u> : Provide documentation of knowledge, skills and abilities to utilize inventory and planning tools (e.g., prisms/angle gauges/relaskop, site index, stocking guides)</p>
CAP - Grazing Management Plan		<p>Start Date: 3/23/2009 ; End Date:</p> <p>Brush Management (314); Fence (382); Firebreak (394); Forage Harvest Management (511); Grazing Land Mechanical Treatment (548); Nutrient Management (590); Pasture and Hay Planting (512); Pest Management (595); Prescribed Grazing (528); Range Planting (550); Use Exclusion (472); Watering Facility (614);</p>
	Grazing Management Plan Option 1 - Certification	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part I (Modules 1-5).</p>

Conservation Activity Plans	Options	Criteria
		<p><u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Grazing Management Plan.</p> <p><u>Grazing Certification</u> : Certification by at least one of the following: 1) Certified Professional in Range Management, 2) Certified Range Management Consultant by Society for Range Management (SRM). 3) Certified Grassland Professional by the American Forage and Grassland Council (AFGC).</p> <p><u>Grazing Management Plan Development</u> : Develop a Grazing Management Plan (110) that meets the criteria listed in Section III of the FOTG and meets the principles provided in Chapter 11 of the National Range and Pasture Handbook Title 190 – vi- NRPH.</p> <p><u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p> <p><u>Planning Tools Proficiency</u> : Provide documentation of knowledge, skills and abilities to fully utilize Grazing Management Planning tools. (e.g., CGraz, GSAT, etc...)</p>
	Grazing Management Plan Option 2 - Education & Experience	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part 1 (Modules 1-5).</p> <p><u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Grazing Management Plan.</p> <p><u>Grazing Education</u> : Bachelor or higher level degree in agronomy, range management science, agriculture, or other plant science and 1 year of experience and knowledge successfully planning, design, layout, or managing Grazing/Forage practices associated with this category.</p> <p><u>Grazing Experience</u> : 5 Years experience in planning, design, layout, inspection, or managing Grazing/Forages practices associated with this category.</p> <p><u>Grazing Management Plan Development</u> : Develop a Grazing Management Plan (110) that meets the criteria listed in Section III of the FOTG and meets the principles provided in Chapter 11 of the National Range and Pasture Handbook Title 190 – vi- NRPH.</p> <p><u>Grazing References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Grazing/Forages practices.</p> <p><u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p> <p><u>Planning Tools Proficiency</u> : Provide documentation of knowledge, skills and abilities to fully utilize Grazing Management Planning tools. (e.g., CGraz, GSAT, etc...)</p>
CAP - Integrated Pest Management - Herbicide Resistance Weeds		<p>Start Date: 11/1/2010 ; End Date:</p> <p>Brush Management (314); Conservation Cover (327); Conservation Crop Rotation (328); Cover Crop (340); Early Successional Habitat Development/Management (647); Field Border (386); Hedgerow Planting (422); Irrigation System, Microirrigation (441); Irrigation Water Management (449); Land Smoothing (466); Mulching (484); Nutrient Management (590); Pasture and Hay Planting (512); Prescribed Grazing (528A); Residue and Tillage Management, Mulch Till (345); Residue and Tillage Management, No-Till/Strip Till/Direct Seed (329); Residue and Tillage Management, Ridge Till (346); Residue Management, Seasonal (344); Stripcropping (585); Terrace (600); Upland Wildlife Habitat Management (645); Windbreak/Shelterbelt Establishment (380);</p>
	Integrated Pest Management - Herbicide Resistance Weeds Option 1 - Certification	<p><u>Certification with at least one of the following</u> : 1) CCA - Certified Crop Advisor certification from the American Society of Agronomy (ASA), 2) CPAg - Certified Professional Agronomist certification from the American Society of Agronomy (ASA), 3) CPCSc – Certified Professional Crop Scientist certification from the American Society of Agronomy (ASA) 4) CPPP – Certified Professional Plant Pathologist certification from the American Society of Agronomy (ASA), 5) Crop certification through the National Alliance of Independent Crop Consultants (NAICC).</p> <p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part 1 (Modules 1-5).</p> <p><u>Erosion Prediction</u> : Knowledge of the impacts of water and wind erosion on crop rotations and tillage systems.</p> <p><u>Herbicide Modes of Action</u> : Knowledge and experience to use multiple herbicide modes of action.</p> <p><u>Integrated Pest Management Herbicide Resistance Plan Development</u> : Develop an Integrated Pest Management Herbicide Resistance Plan (154) that meets the criteria listed in Section III of the eFOTG.</p> <p><u>Pest Management Tools Experience</u> : Knowledge of the use Pesticide Risk Analysis Tool (WIN-PST) to assess environmental risk of pesticides.</p> <p><u>Pesticide Applicator License or State equivalent</u> : A current pesticide applicator license if required by law in state of practice.</p>
	IPM - Herbicide Resistance Weeds Option 2 -	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part 1 (Modules 1-5).</p>

Conservation Activity Plans	Options	Criteria
	Knowledge & Training	<p><u>Erosion Prediction</u> : Knowledge of the impacts of water and wind erosion on crop rotations and tillage systems.</p> <p><u>Herbicide Modes of Action</u> : Knowledge and experience to use multiple herbicide modes of action.</p> <p><u>Integrated Pest Management Herbicide Resistance Plan Development</u> : Develop an Integrated Pest Management Herbicide Resistance Plan (154) that meets the criteria listed in Section III of the eFOTG.</p> <p><u>Knowledge and Experience</u> : A minimum of 2 years experience planning and evaluating weed control systems on the crops grown in the state(s) of certification. Knowledge and experience to plan and apply the principles of Integrated Pest Management (IPM)</p> <p><u>Pest Management Tools Experience</u> : Knowledge of the use Pesticide Risk Analysis Tool (WIN-PST) to assess environmental risk of pesticides.</p> <p><u>Pesticide Applicator License or State equivalent</u> : A current pesticide applicator license if required by law in state of practice.</p> <p><u>Training</u> : Weed management training that provided knowledge of weed science (growth, reproduction, seed viability, control options, plant physiology). Crop management training that provided knowledge of crop rotations and cover crops effectiveness on weed suppression.</p>
CAP - Integrated Pest Management Plan (114)		<p>Start Date: 11/29/2010 ; End Date:</p> <p>Brush Management (314); Conservation Cover (327); Conservation Crop Rotation (328); Constructed Wetland (656); Contour Buffer Strips (332); Contour Farming (330); Cover Crop (340); Deep Tillage (324); Diversion (362); Field Border (386); Filter Strip (393); Grassed Waterway (412); Nutrient Management (590); Pasture and Hay Planting (512); Pest Management (595); Prescribed Grazing (528); Residue and Tillage Management, Mulch Till (345); Residue and Tillage Management, No-Till/Strip Till/Direct Seed (329); Residue and Tillage Management, Ridge Till (346); Residue Management, Seasonal (344); Riparian Forest Buffer (391); Riparian Herbaceous Cover (390); Stripcropping (585); Structure for Water Control (587); Subsurface Drain (606); Vegetative Barrier (601);</p>
	Integrated Pest Management Plan Option 1 - Certification	<p><u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Integrated Pest Management Plan (Section III FOTG).</p> <p><u>Integrated Pest Management Plan Development</u> : Develop an Integrated Pest Management Plan (114) that meets the criteria listed in Section III of the FOTG.</p> <p><u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p> <p><u>Pest Mgt Certification</u> : Certification with at least one of the following: 1) CCA- Certified Crop Advisor certification from the American Society of Agronomy (ASA), 2) CPAG- Certified Professional Agronomist certification from the American Society of Agronomy (ASA), 3) CPCSc- Certified Professional Crop Scientist certification from the American Society of Agronomy (ASA), 4) CPPP- Certified Professional Plant Pathologist certification from the American Society of Agronomy (ASA), 5) Crop Certification through the National Alliance of Independent Crop Consultants (NAICC).</p> <p><u>Pest Mgt License - State</u> : A current Pest Management applicator license as required by law in the state of practice.</p> <p><u>Pest Mgt Tools Experience</u> : Proficient in the use of applicable water and wind erosion prediction and pest management risk assessment tools (RUSLE2, WEQ or WEPS, and WIN-PST)</p> <p><u>Training</u> : Conservation Planning Training (available in Aglearn): 1. Conservation Planning-Part 1 (Modules 1-5). 2. Pest Management, Track 2, Modules 1-7.</p>
	Integrated Pest Management Plan Option 2 - Knowledge & Training	<p><u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Integrated Pest Management Plan (Section III FOTG).</p> <p><u>Integrated Pest Management Plan Development</u> : Develop an Integrated Pest Management Plan (114) that meets the criteria listed in Section III of the FOTG.</p> <p><u>Knowledge of Crop, Grazing, and Forest Production</u> : Possess and demonstrates the following knowledge, skills and abilities: a) Awareness of the specific program rules and regulations for conservation programs used to carry out conservation treatment, b) Ability to plan and implement conservation practices common to the geographic area, c) the understanding to the crops, grazing, or forest crops produced and their production in the service area, d) knowledge of the typical pests impacting crops, grazing, and forest production in the service area.</p> <p><u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p> <p><u>Pest Mgt License - State</u> : A current Pest Management applicator license as required by law in the state of practice.</p> <p><u>Pest Mgt Tools Experience</u> : Proficient in the use of applicable water and wind erosion prediction and pest management risk assessment tools (RUSLE2, WEQ or WEPS, and WIN-PST)</p>

Conservation Activity Plans	Options	Criteria
CAP - Irrigation Water Management Plan (118)		<p>Start Date: 11/29/2010 ; End Date:</p> <p>Above Ground Multi-Outlet Pipe (431); Anionic Polyacrylamide (PAM) Erosion Control (450); Irrigation Canal or Lateral (320); Irrigation Field Ditch (388); Irrigation Land Leveling (464); Irrigation Storage Reservoir (436); Irrigation System, Microirrigation (441); Irrigation System, Sprinkler (442); Irrigation System, Surface and Subsurface (443); Irrigation System, Tailwater Recovery (447); Irrigation Water Conveyance, Pipeline, Aluminum Tubing (430AA); Irrigation Water Conveyance, Pipeline, Asbestos-Cement (430BB); Irrigation Water Conveyance, Pipeline, High-Pressure, Underground, Plastic (430DD); Irrigation Water Conveyance, Pipeline, Low-Pressure, Underground, Plastic (430EE); Irrigation Water Conveyance, Pipeline, Nonreinforced Concrete (430CC); Irrigation Water Conveyance, Pipeline, Reinforced Plastic Mortar (430GG); Irrigation Water Conveyance, Pipeline, Steel (430FF); Irrigation Water Management (449); Nutrient Management (590); Pumping Plant (533); Salinity and Sodic Soil Management (610); Structure for Water Control (587); Waste Utilization (633);</p>
	Irrigation Water Management Plan Option 1 - Certification	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part 1 (Modules 1-5).</p> <p><u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Irrigation Water Management Plan.</p> <p><u>Irrigation Water Management Certification</u> : Certification with at least one of the following: 1) Irrigation Association (IA) Certification as a Certified Irrigation Designer (CID) – Agriculture: Drip/Micro, Sprinkler, or Surface; or 2) an Irrigation Association (IA) certification as a Certified Agricultural Irrigation Specialist (CAIS), or 3) National Alliance of Independent Crop Consultants (NAICC) certification as a Certified Professional Crop Consultant (CPC).</p> <p><u>Irrigation Water Management Plan Development</u> : Develop an Irrigation Water Management Plan (118) that meets the criteria listed in Section III of the eFOTG.</p> <p><u>Irrigation Water Management Planning References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in the planning, design, layout, installation, and inspection of Irrigation Water Management practices.</p> <p><u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p> <p><u>Planning Tools Proficiency</u> : Knowledge, skills and abilities to fully utilize Irrigation Water Management Planning tools, e.g., NRCS Farm Irrigation Rating Index (FIRI).</p>
	Irrigation Water Management Plan Option 2 - Education	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part 1 (Modules 1-5).</p> <p><u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Irrigation Water Management Plan.</p> <p><u>Irrigation Water Management Education</u> : Bachelor or higher level degree in Agricultural/Biological Engineering, Agronomy, or Plant Science, and one year of experience and knowledge in the successful planning, design, and installation of Irrigation Water Management practices.</p> <p><u>Irrigation Water Management Plan Development</u> : Develop an Irrigation Water Management Plan (118) that meets the criteria listed in Section III of the eFOTG.</p> <p><u>Irrigation Water Management Planning References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in the planning, design, layout, installation, and inspection of Irrigation Water Management practices.</p> <p><u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600</p> <p><u>Planning Tools Proficiency</u> : Knowledge, skills and abilities to fully utilize Irrigation Water Management Planning tools, e.g., NRCS Farm Irrigation Rating Index (FIRI).</p>
	Irrigation Water Management Plan Option 3 - Experience	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part 1 (Modules 1-5).</p> <p><u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Irrigation Water Management Plan.</p> <p><u>Irrigation Water Management Plan Development</u> : Develop an Irrigation Water Management Plan (118) that meets the criteria listed in Section III of the eFOTG.</p> <p><u>Irrigation Water Management Planning Experience</u> : One year of experience and knowledge in the planning, design, layout, installation, and inspection of Irrigation Water Management practice practices, including any applicable Standards and Specifications.</p> <p><u>Irrigation Water Management Planning References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in the planning, design, layout, installation, and inspection of Irrigation Water</p>

Conservation Activity Plans	Options	Criteria
		<p>Management practices.  <u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600  <u>Planning Tools Proficiency</u> : Knowledge, skills and abilities to fully utilize Irrigation Water Management Planning tools, e.g., NRCS Farm Irrigation Rating Index (FIRI).</p>
	Irrigation Water Management Plan Option 4 - Licensed Engineer	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part 1 (Modules 1-5).  <u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Irrigation Water Management Plan.  <u>Irrigation Water Management Plan Development</u> : Develop an Irrigation Water Management Plan (118) that meets the criteria listed in Section III of the eFOTG.  <u>Irrigation Water Management Planning References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in the planning, design, layout, installation, and inspection of Irrigation Water Management practices.  <u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600  <u>Planning Tools Proficiency</u> : Knowledge, skills and abilities to fully utilize Irrigation Water Management Planning tools, e.g., NRCS Farm Irrigation Rating Index (FIRI).  <u>Professional Engineering License</u> : A current Professional Engineering license, as required by law in the states of practice.</p>
CAP - Nutrient Management Plan		<p>Start Date: 11/1/2010 ; End Date:  Conservation Crop Rotation (328); Constructed Wetland (656); Contour Buffer Strips (332); Contour Farming (330); Cover Crop (340); Denitrifying Bioreactor (747); Diversion (362); Drainage Water Management (554); Field Border (386); Filter Strip (393); Forage Harvest Management (511); Grade Stabilization Structure (410); Grassed Waterway (412); Irrigation System, Tailwater Recovery (447); Residue and Tillage Management, Mulch Till (345); Residue and Tillage Management, No-Till/Strip Till/Direct Seed (329); Residue and Tillage Management, Ridge Till (346); Riparian Forest Buffer (391); Riparian Herbaceous Cover (390); Stripcropping (585); Structure for Water Control (587); Terrace (600); Vegetated Treatment Area (635); Vegetative Barrier (601); Waste Utilization (633); Water and Sediment Control Basin (638); Wetland Creation (658); Wetland Enhancement (659); Wetland Restoration (657);</p>
	Nutrient Management Plan Option 1 - Certification	<p><u>Certification in at least one of the following</u> : 1) CCA- Certified Crop Advisor certification from the American Society of Agronomy (ASA), 2) CPAg- Certified Professional Agronomist certification from the American Society of Agronomy (ASA), 3) CPCSc: Certified Professional Crop Scientist certification from the American Society of Agronomy (ASA), 4) CPSSc: Certified Professional Soil Scientist certification from the American Society of Agronomy (ASA), 5) Crop Certification through the National Alliance of Independent Crop Consultants (NAICC), 6) Other NRCS approved training program.  <u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part 1 (Modules 1-5).  <u>Knowledge of Nutrient Management Policy and criteria</u> : contained in GM 190, part 402; National Agronomy Manual, part 503; and the Nutrient Management Conservation Practice Standard maintained by the state in which service will be provided.  <u>Nutrient Mgt – Experience/Plan Development</u> : Provide 2 sample plans, locations, and 2 verifiable customer references where technical service has been provided to document your experience and proficiency in the planning, designing, installation/layout, and checkout of the nutrient management practice.  <u>State Required Certification or licensing</u> : Secure all state required certification or licensing required by the state in which service will be provided.  <u>Tools</u> : Proficient in the use of erosion prediction and nutrient transport risk assessment tools (including Leaching Index, Phosphorus Index, RUSLE2, and WEQ/WEPS).</p>
	Nutrient Management Plan Option 2 Knowledge, Experience, Education	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part 1 (Modules 1-5).  <u>Knowledge of conservation practices and management activities</u> : to reduce the potential for nutrient transport. Proficient in the use of erosion prediction and nutrient transport risk assessment tools (including Leaching Index, Phosphorus Index, RUSLE2, and WEQ/WEPS).  <u>Knowledge of Nutrient Management Policy and criteria</u> : contained in GM 190, part 402; National Agronomy Manual, part 503; and the Nutrient Management Conservation Practice Standard maintained by the state in which service will be provided.  <u>Nutrient Mgt - Education</u> : Bachelor or higher-level degree in agronomy or natural resources and at least 1 year experience and knowledge in planning, design, layout, of nutrient management practices.  <u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be</p>

Conservation Activity Plans	Options	Criteria
		<p>provided when required by state regulation or policy.  <u>Nutrient Mgt – Experience/Plan Development</u> : Provide 2 sample plans, locations, and 2 verifiable customer references where technical service has been provided to document your experience and proficiency in the planning, designing, installation/layout, and checkout of the nutrient management practice.  <u>State Required Certification or licensing</u> : Secure all state required certification or licensing required by the state in which service will be provided.</p>
CAP - Pollinator Habitat Plan		<p>Start Date: 4/22/2009 ; End Date:  Alley Cropping (311); Channel Bank Vegetation (322); Conservation Cover (327); Conservation Crop Rotation (328); Constructed Wetland (656); Contour Buffer Strips (332); Cover Crop (340); Critical Area Planting (342); Early Successional Habitat Development/Management (647); Field Border (386); Filter Strip (393); Grassed Waterway (412); Hedgerow Planting (422); Herbaceous Wind Barriers (603); Multi-Story Cropping (379); Pasture and Hay Planting (512); Pest Management (595); Prescribed Burning (338); Prescribed Grazing (528); Range Planting (550); Residue and Tillage Management, No-Till/Strip Till/Direct Seed (329); Restoration and Management of Declining Habitats (643); Riparian Forest Buffer (391); Riparian Herbaceous Cover (390); Silvopasture Establishment (381); Stream Habitat Improvement and Management (395); Streambank and Shoreline Protection (580); Stripcropping (585); Tree/Shrub Establishment (612); Upland Wildlife Habitat Management (645); Vegetative Barrier (601); Wetland Enhancement (659); Wetland Restoration (657); Wetland Wildlife Habitat Management (644); Windbreak/Shelterbelt Establishment (380); Windbreak/Shelterbelt Renovation (650);</p>
	Pollinator Habitat Plan Education & Training	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part 1 (Modules 1-5).  <u>eFOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Pollinator Habitat Plan.  <u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600  <u>Pollinator Education</u> : Bachelor degree or higher level degree in entomology, biology, ecology, or other wildlife-related discipline, or a Bachelors or higher degree in agronomy, agriculture, or other plant science with some course work in entomology.  <u>Pollinator Habitat Experience</u> : Two years experience in planning, design, implementation, inspection, or managing beneficial insect habitat practices associated with this category; e.g., as part of an IPM program. Experience may include developing insectaries for pest management, ideally focusing on diverse plant/beneficial insect communities.  <u>Pollinator Habitat Plan Development</u> : Develop a Pollinator Habitat Plan (146) that meets the criteria listed in Section III of the eFOTG.  <u>Pollinator References</u> : Provide two locations and customer references where technical service has been provided that can verify your experience and proficiency in planning, designing, installation/layout, and checkout of a diverse perennial native planting habitat or insectary supporting pollinators or a diverse community of beneficial insects for pest management.</p>
CAP - Spill Prevention, Control and Countermeasure Plan – Develop and Approval		<p>Start Date: 11/1/2010 ; End Date:  Agricultural Secondary Containment Facility (710); Dike (356); Pond Sealing or Lining, Flexible Membrane (521A); Waste Storage Facility (313);</p>
	Spill Prevention, Control and Countermeasure Plan – Development and Approval	<p><u>Knowledge and understanding</u> : Knowledge and understanding of the U.S. Environmental Protection Agency SPCC regulations 40 CFR 112, for development of a Spill Prevention, Control and Countermeasure Plan.  <u>SPCC Certification</u> : Hold a Professional Engineer (PE) license in the State the plan is to be installed and previous experience with development of such plans. Environmental Protection Agency, The Spill Prevention, Control, and Countermeasure (SPCC) rule - <a href="http://www.epa.gov/emergencies/content/spcc/index.htm">http://www.epa.gov/emergencies/content/spcc/index.htm</a>  <u>SPCC References</u> : Two references needed verifying SPCC plan development.</p>
CAP - Transition from Irrigation to Dryland Plan		<p>Start Date: 3/23/2009 ; End Date:  Conservation Crop Rotation (328); Contour Farming (330); Cover Crop (340); Field Border (386); Filter Strip (393); Hedgerow Planting (422); Mulching (484); Nutrient Management (590); Pasture and Hay Planting (512); Pest Management (595); Prescribed Grazing (528); Residue and Tillage Management, Mulch Till (345); Residue and Tillage Management, No-Till/Strip Till/Direct Seed (329); Residue and Tillage Management, Ridge Till (346); Residue Management, Seasonal (344); Stripcropping (585); Terrace (600); Water Harvesting Catchment (636); Windbreak/Shelterbelt Establishment (380);</p>
	Transition from Irrigation to Dryland Plan Option 1 - Certification	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part 1 (Modules 1-5).  <u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a</p>

Conservation Activity Plans	Options	Criteria
		<p>NRCS Transition from Irrigation to Dryland Plan.  <u>Land Treatment, Grazing, and Crop Management Certification</u> : Certification with at least one of the following: 1) CCA- Certified Crop Advisor certification from the American Society of Agronomy (ASA), 2) CPAg- Certified Professional Agronomist certification from the American Society of Agronomy (ASA), 3) CPCSc- Certified Professional Crop Scientist certification from the American Society of Agronomy (ASA), 4) CPPP- Certified Professional Plant Pathologist certification from the American Society of Agronomy (ASA), 5) Crop Certification through the National Alliance of Independent Crop Consultants (NAICC), 6) Certified Range Management Consultant by Society for Range Management (SRM), 7) Certified Grassland Professional by the American Forage and Grassland Council (AFGC).  <u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600  <u>Tools Experience</u> : Proficient in the use of applicable erosion prediction and water management assessment tools (RUSLE2 and/or WEQ, WEPS)  <u>Transition from Irrigation to Dryland Plan Development</u> : Develop a Transition from Irrigation to Dryland Plan (134) that meets the criteria listed in Section III of the FOTG.</p>
	<p>Transition from Irrigation to Dryland Plan Option 2 - Knowledge &amp; Training</p>	<p><u>Conservation Planning Training</u> : Successful completion of the NRCS approved training course (available in AgLearn): Conservation Planning-Part 1 (Modules 1-5).  <u>FOTG Knowledge</u> : Knowledge of the NRCS electronic Field Office Technical Guide as related to the specific criteria to be addressed in the development and implementation of a NRCS Transition from Irrigation to Dryland Plan.  <u>Knowledge of Crop and Grazing Production</u> : Possess and demonstrates the following knowledge, skills and abilities: a) Awareness of the specific program rules and regulations for conservation programs used to carry out conservation treatment, b) Ability to plan and implement conservation practices common to the geographic area, c) the understanding to the crops and grazing produced and their production in the service area, d) knowledge of managing soil water impacting crops and grazing production in the service area.  <u>National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook – Title 180 - Part 600  <u>Tools Experience</u> : Proficient in the use of applicable erosion prediction and water management assessment tools (RUSLE2 and/or WEQ, WEPS)  <u>Transition from Irrigation to Dryland Plan Development</u> : Develop a Transition from Irrigation to Dryland Plan (134) that meets the criteria listed in Section III of the FOTG.</p>