Technical Service Categories and Criteria Options for Certification

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Note: This document lists all categories and the options for certification within each category. You only need to meet the criteria for **ONE** option group to satisfy the certification requirements for a category. However, you must meet **ALL** of the criteria within the selected option group. Waivers (or exceptions) to the minimum certification criteria may be considered. Contact the National TSP Team for more information.

Categories	Options	Criteria
AgroForestry		Start Date: 2/1/2006 ; End Date: Alley Cropping (311); Riparian Forest Buffer (391); Silvopasture Establishment (381); Windbreak/Shelterbelt Establishment (380); Windbreak/Shelterbelt Renovation (650);
	Agroforestry Option 1-Certification	Agroforestry Certification : Be a full-member and certified with Consulting Foresters of America, Incorporated (ACF) or hold a current certification as a Certified Forester by the Society of American Foresters (SAF).
	Agroforestry Option 2-Experience	Agroforestry Experience : 5 years experience, knowledge, and knowledge in planning, design, layout, inspection, or managing agroforestry practices associated with this category. Agroforestry References : 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 agroforestry practices.
	Agroforestry Option 3-Education	Agroforestry Education : Bachelor or higher-level degree in forestry or related plant science and 1 years experience and knowledge successfully planning, design, layout, or managing agroforestry practices associated with this category. Agroforestry References : 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 agroforestry practices.
Certified Conservation Planner		Start Date: 2/1/2006 ; End Date: Conservation System Planning (CSP);
	Conservation Planning Option 1 - State Certification	Conservation Planning State Certification : 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. Candidates must complete at least one field reviewed Resource Management System (RMS) plan for a conservation management unit (CMU). Cultural Resources - NRCS Training : Cultural Resources -NRCS Training: Complete Modules 1-8 of the current NRCS Cultural Resources Training. This includes successful completion of the web-based Modules 1-6 and optional state-based Modules 7&8. Provisions for completion of Modules 7&8 are to be made through the NRCS State Office of the state in which the service is to be provided. Equivalencies may be approved by the State Conservationist. The web site for Modules 1-6 of the training is www.nedc.nrcs.usda.gov/catalog/cultres.html.
	Conservation Planning Option 2 - Knowledge and Training	Conservation Planning Knowledge : 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. Conservation Planning NRCS Training Modules 1-9 : Complete modules 1 through 9 of NRCS Conservation Planning Course or an equivalent NRCS approved Conservation Planning Training. 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. Conservation Planning References : 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.

Categories	Options	Criteria
		Candidates must complete at least one field reviewed Resource Management System (RMS) plan for a conservation management unit (CMU). Cultural Resources - NRCS Training : Cultural Resources -NRCS Training: Complete Modules 1-8 of the current NRCS Cultural Resources Training. This includes successful completion of the web-based Modules 1-6 and optional state-based Modules 7&8. Provisions for completion of Modules 7&8 are to be made through the NRCS State Office of the state in which the service is to be provided. Equivalencies may be approved by the State Conservationist. The web site for Modules 1-6 of the training is www.nedc.nrcs.usda.gov/catalog/cultres.html.
	Conservation Planning Option 3 - Organization Certification	Conservation Planning NRCS Training Modules 1-9 : Complete modules 1 through 9 of NRCS Conservation Planning Course or an equivalent NRCS approved Conservation Planning Training. 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. Conservation Planning Organization Certification : Conservation Planning Certification through one of the following approved NRCS programs: 1) Crop Certification through the National Alliance of Independent Crop Consultants (NAICC), 2)Other approved NRCS certification program. Conservation Planning References : 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). Cultural Resources - NRCS Training : Cultural Resources -NRCS Training: Complete Modules 1-8 of the current NRCS Cultural Resources Training. This includes successful completion of the web-based Modules 1-6 and optional state-based Modules 7&8. Provisions for completion of Modules 7&8 are to be made through the NRCS State Office of the state in which the service is to be provided. Equivalencies may be approved by the State Conservationist. The web site for Modules 1-6 of the training is www.nedc.nrcs.usda.gov/catalog/cultres.html.
Channel and Streambank Stabilization		Start Date: 3/1/2003 ; End Date: Channel Bed Stabilization (584); Clearing and Snagging (326); Obstruction Removal (500); Open Channel (582); Stream Crossing (578); Streambank and Shoreline Protection (580);
	Channel Option 1	Channel Experience : Experience and knowledge in planning, design, layout, inspection and certification of Channel and Streambank Stabilization practices including any applicable Standards and Specifications. Channel References : 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 Channel and Streambank Stabilization practices. Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Engineers License - State : A current Professional Engineers license as required by law in the state of practice.
	Channel Option 2 - Certification	Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Erosion and Sediment Control Certification : Certification in at least one of the following: 1) Be a certified professional in Erosion and Sediment Control by the Certified Professional in Erosion and Sediment Control, Inc (CPESC), 2) Other approved NRCS Certification Program.
CNMP Plan Approval		Start Date: 12/12/2013 ; End Date: Animal Mortality Facility (316); 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 (588); 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 Outlet (468); Mulching (484); Nutrient Management (590); Pumping Plant (533); Residue and Tillage Management, Mulch Till (345); Residue and Tillage Management, No-Till (329); Rock Barrier (555); Roof Runoff Structure (558); Row Arrangement (557); Stripcropping (585); Structure for Water Control (587); Subsurface Drain (606); Surface Roughening (609); Terrace (600); Underground Outlet (620); Vegetative Barrier (601); Waste Facility Closure (360); Waste Recycling (633); Waste Separation Facility (632); Waste Storage Facility (313);

Categories	Options	Criteria
		Waste Transfer (634); Waste Treatment (629); Waste Treatment Lagoon (359); Waterspreading (640);
	CNMP Plan Approval Option 1 - Knowledge and Training	CNMP - Policy : 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. CNMP Development - Experience : Provide 2 sample plans developed within the last 3 years, their locations, and at least 2 associated 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 and submit the plans by email, or send a paper copy by mail to your resident State TSP Coordinator. Conservation Planning Knowledge : Possess and demonstrate the following knowledge, skills and abilities: a) Awareness of the specific USDA and local 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 (RUSLE2), Wind Erosion Prediction System (WEPS), 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, h) Knowledge of livestock and poultry animal feeding operations, manure transfer systems, manure treatment systems, and manure/waste storage systems. Conservation Planning NRCS Training Modules 1-9 : Complete modules 1 through 9 of NRCS Conservation Planning Course or an equivalent NRCS approved Conservation Planning Training. Nutrient Management Knowledge : Knowledge of fertilizer and manure management to develop nutrient management plans consistent with the current NRCS Conservation Practice Standard 590 Nutrient Management for the states seeking certification.
	CNMP Plan Approval Option 2 - Knowledge, Experience, Education	CNMP - Policy : 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. CNMP Development - Experience : Have assisted in the development of CNMPs and provided on-site conservation planning assistance to producers under the supervision of a Certified CNMP planner for 2 years. Provide 2 sample plans developed within the last 3 years, their locations, and at least 2 associated 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 and submit the plans by email, or send a paper copy by mail to your resident State TSP Coordinator. Conservation Planning Knowledge : Possess and demonstrate the following knowledge, skills and abilities: a) Awareness of the specific USDA and local 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 (RUSLE2), Wind Erosion Prediction System (WEPS), 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, h) Knowledge of livestock and poultry animal feeding operations, manure transfer systems, manure treatment systems, and manure/waste storage systems. Education : Possess a minimum of a B.S. or Associate degree in Natural Resources or Agricultural Program. Nutrient Management Knowledge : Knowledge of fertilizer and manure management to develop nutrient management plans consistent with the current NRCS Conservation Practice Standard 590 Nutrient Management for the states seeking certification.
CNMP Plan Development - Feed Management		Start Date: 8/27/2008 ; End Date: Feed Management (592);
	CNMP Plan Development Feed Management Option 1 - Knowledge and Training	Animal Feed Ability : Ability to discuss feed management technologies and feeding techniques with producers during the planning process, and to enbable producers to make a decision of the potential value of including feed management in their conservation plan or CNMP. Animal Feed Knowledge : Knowledge of various feeding technologies and feeding techniques described in the NRCS conservation practice standard for feed management (code 592), including how their use can change the nutrient content of excreted animal manure. Animal Feed Sources : Knowledge of the sources of feed management technical assistance that are available in the area(s) in which the planner is providing assistance. Animal Feed Training 2 : Successful completion of an NRCS approved training course that meets all the general requirements for all CNMP Certified Specialist categories and includes

Categories	Options	Criteria
		the specific requirements for feed management as contained in the NRCS GM-180, Part 409.10, including 6 hours of continuing professional development training in the feed management area over the three year certification period. CNMP - National Planning Procedures Handbook : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance.
	CNMP Plan Development Feed Management Option 2 - Certification	CNMP - National Planning Procedures Handbook : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. CNMP Plan Devel Feed Management Certification : CNMP Plan Development - Feed Management Certification through the Validus CNMP - Feed Management element certification process, or other NRCS approved training program.
CNMP Plan Development - Land Treatment		Start Date: 8/5/2003 ; End Date: Conservation Cover (327); Conservation Crop Rotation (328); Contour Buffer Strips (332); Contour Farming (330); Cover Crop (340); Cross Wind Ridges (588); Cross Wind Trap Strips (589C); Deep Tillage (324); Diversion (362); Field Border (386); Filter Strip (393); Grassed Waterway (412); Hedgerow Planting (422); Herbaceous Wind Barriers (603); Hillside Ditch (423); Lined Waterway or Outlet (468); Mulching (484); Residue and Tillage Management, No-Till (329A); Residue Management, Mulch Till (329B); Rock Barrier (555); Roof Runoff Structure (558); Row Arrangement (557); Stormwater Runoff Control (570); Stripcropping (585); Structure for Water Control (587); Subsurface Drain (606); Surface Roughening (609); Terrace (600); Underground Outlet (620); Vegetative Barrier (601); Waterspreading (640);
	CNMP Plan Development Land Treatment Option 1 - Knowledge and Training	CNMP - National Planning Procedures Handbook : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. CNMP Plan Development Training : Successful completion of an NRCS approved training course that meets all the general requirments for all CNMP Certified Specialist categories as well as the specific requirements for this element contained in the NRCS GM-180, Part 409.10. FOTG Knowledge : Knowledge of the NRCS Field Office Technical Guide as related to the specific elements of the CNMP for which expertise is being provided.
	CNMP Plan Development Land Treatment Option 2 - Certification	CNMP - National Planning Procedures Handbook : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. CNMP Plan Devel Land Treatment Certification : CNMP Plan Development - Land Treatment Certification through Validus CNMP Plan Development Land Treatment Certification, or Certified Professional in Storm Water Quality by the Certified Professional in Erosion and Sediment Control, Inc (CPESC), or other NRCS approved training program.
CNMP Plan Development - Manure and Wastewater Handling and Storage		Start Date: 6/27/2012 ; End Date: Animal Mortality Facility (316); Composting Facility (317); Constructed Wetland (656); Heavy Use Area Protection (561); Pumping Plant (533); Roof Runoff Structure (558); Roofs and Covers (367); Vegetated Treatment Area (635); Waste Facility Closure (360); Waste Recycling (633); Waste Storage Facility (313); Waste Transfer (634); Waste Treatment Lagoon (359);
	CNMP Plan Development MWHS Option 1 - Knowledge and Training	CNMP - National Planning Procedures Handbook : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. CNMP Plan Development Training : Successful completion of an NRCS approved training course that meets all the general requirments for all CNMP Certified Specialist categories as well as the specific requirements for this element contained in the NRCS GM-180, Part 409.10. Engineers License - State : A current Professional Engineers license as required by law in the state of practice. FOTG Knowledge : Knowledge of the NRCS Field Office Technical Guide as related to the specific elements of the CNMP for which expertise is being provided.
CNMP Plan Development - Nutrient Management		Start Date: 7/12/2007 ; End Date: Nutrient Management (590); Waste Recycling (633);
	CNMP Plan Development Nutrient Management Option 1 - Knowledge and Training	CNMP - National Planning Procedures Handbook : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. CNMP Plan Development Training : Successful completion of an NRCS approved training course that meets all the general requirments for all CNMP Certified Specialist categories as well as the specific requirements for this element contained in the NRCS GM-180, Part

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		409.10. FOTG Knowledge : Knowledge of the NRCS Field Office Technical Guide as related to the specific elements of the CNMP for which expertise is being provided. Nutrient Mgt References : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in planning, designing, installation/layout, and checkout of Nutrient Management practices.
	CNMP Plan Development Option 2 - Certification	CNMP - National Planning Procedures Handbook : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. CNMP Plan Development Nutrient Management Certification : Certification in at least one of the following: 1) Nutrient Mgt -State Certification: State certification in the state(s) in which service will be provided when required by state regulation or policy. 2) CNMP Plan Development through Validus CNMP Plan Development Nutrient Management Certification. 3) Other NRCS approved training program. Nutrient Mgt References : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in planning, designing, installation/layout, and checkout of Nutrient Management practices.
CNMP Plan Development - Total Plan		Start Date: 9/7/2003 ; End Date: Animal Mortality Facility (316); 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 (588); 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 Outlet (468); Mulching (484); Nutrient Management (590); Pumping Plant (533); Residue and Tillage Management, No-Till (329A); Residue Management, Mulch Till (329B); Rock Barrier (555); Roof Runoff Structure (558); Row Arrangement (557); Stormwater Runoff Control (570); Stripcropping (585); Structure for Water Control (587); Subsurface Drain (606); Surface Roughening (609); Terrace (600); Underground Outlet (620); Vegetated Treatment Area (635); Vegetative Barrier (601); Waste Facility Closure (360); Waste Recycling (633); Waste Storage Facility (313); Waste Transfer (634); Waste Treatment Lagoon (359); Waterspreading (640);
	CNMP Total Plan Development Option 1 - Knowledge and Training	CNMP - National Planning Procedures Handbook : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. CNMP Total Plan Development Training : Successful completion of an NRCS approved training program that meets all general requirements for all CNMP Certified Specialist categories as well as the specific requirements for all elements (Land Treatment, Manure and Wastewater Storage and Handling, Nutrient Management, and Feed Management) contained in NRCS GM-180, Part 409.9 for the states and localities to be serviced. Engineers License - State : A current Professional Engineers license as required by law in the state of practice. FOTG Knowledge : Knowledge of the NRCS Field Office Technical Guide as related to the specific elements of the CNMP for which expertise is being provided.
	CNMP Total Plan Development Option 2 - Certification	CNMP - National Planning Procedures Handbook : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. CNMP Total Plan Development Certification : CNMP Plan Development - Total Plan Certification as a CNMP Planner through the Validus certification process, or other NRCS approved training program. Engineers License - State : A current Professional Engineers license as required by law in the state of practice.
Conservation Reserve Program (CRP) Conservation Planning		Start Date: 3/1/2012 ; End Date: Bottomland Timber Establishment on Wetlands (CP31); Cross Wind Trap Strips (CP24); Duck Nesting Habitat (CP37); Emergency Forestry - Bottomland Hardwood - Existing (CP35D); Emergency Forestry - Bottomland Hardwood - New (CP35C); Emergency Forestry - Longleaf Pine - Existing (CP35B); Emergency Forestry - Longleaf Pine - New (CP35A); Emergency Forestry - Mixed Trees - Existing (CP35I); Emergency Forestry - Softwood - Existing (CP35F); Emergency Forestry - Softwood - New (CP35E); Emergency Forestry - Upland Hardwood - Existing (CP35H); Emergency Forestry - Upland Hardwood - New (CP35G); Establishment of Permanent Introduced Grasses and Legumes (CP1); Establishment of Permanent Native Grasses (CP2); Establishment of Permanent Salt Tolerant Vegetative Cover, Noneasement (CP18C); Establishment of Permanent Vegetation to Reduce Salinity, Noneasement (CP18B); Establishment of Permanent Vegetative Cover (Contour Grass Strips), Noneasement (CP15A); Establishment of Permanent Vegetative Cover (Contour

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		Grass Strips), on Terraces (CP15B); Farmable Wetland Buffer (CP28); Farmable Wetlands (CP27); Field Windbreak Establishment, Noneasement (CP5A); Filter Strips (CP21); FWP Aquaculture Wetland Restoration (CP40); FWP Constructed Wetland (CP39); FWP Flooded Prairie Wetland (CP41); Grass Waterways, Noneasement (CP8A); Habitat Buffers for Upland Birds (CP33); Hardwood Tree Planting (CP3A); Living Snow Fences, Noneasement (CP17A); Longleaf Pine - Establishment (CP36); Marginal Pastureland Wetland Buffer (CP30); Marginal Pastureland Wildlife Habitat Buffe (CP29); Permanent Wildlife Habitat (Corridors), Noneasement (CP4B); Permanent Wildlife Habitat Noneasement (CP4D); Pollinator Habitat (CP42); Rare and Declining Habitat (CP25); Riparian Buffer (CP22); SAFE - Buffers (CP38A); SAFE - Grass (CP38E); SAFE - Longleaf Pine (CP38D); SAFE - Trees (CP38C); SAFE - Wetlands (CP38B); Shallow Water Areas for Wildlife (CP9); Shelterbelt Establishment, Noneasement (CP16A); Tree Planting (CP3); Vegetative Cover - Grass - Already Established (CP10); Vegetative Cover - Trees - Already Established (CP11); Wetland Restoration (CP23); Wetland Restoration, Non-Floodplain (CP23A); Wildlife Food Plot (CP12);
	Option 1 - Knowledge and Training	Conservation Planning for CRP Lands : Complete the CRP Readiness Program for CRP conservation planning through the University of Wisconsin-Great Lakes Regional Professional Training Program or an equivalent NRCS approved Conservation Planning Training for CRP lands. Training to maintain conservation planning skills must, at a minimum, occur once every three years. Conservation Planning References : 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 CRP Conservation Planning practices CRP Conservation Planning Knowledge, Skills, and Abilities : Posses and demonstrates the following knowledge, skills and abilities: a) Awareness of the specific CRP rules and regulations used to carry out conservation treatment b) Skill in applying the NRCS conservation planning process c) Ability to plan and implement CRP conservation practices common to the geographic area d) Skill in applying approved erosion prediction technology for the area (RUSLE2, Wind Erosion Prediction System, identify ephemeral/gully erosion and recommend treatment) 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 assessment tools (Wildlife Habitat Assessment Guides, Ecological Site Descriptions, etc.) g) Knowledge of Federal, State, tribal, and local laws and regulations. h) Ability to evaluate the environmental effects of conservation treatment alternatives through the Environmental Evaluation Worksheet (NRCS-CPA-52) if required by States where CRP Conservation planning will occur.
Contaminate Reduction Control		Start Date: 3/1/2003 ; End Date: Agrichemical Handling Facility (309); Agricultural Secondary Containment Facility (710); Anionic Polyacrylamide (PAM) Erosion Control (450); Land Reclamation, Toxic Discharge Control (455); Pond Sealing or Lining, Flexible Membrane (521A); Salinity & Sodic Soil Management (610);
	Contaminate Reduction Option 1	Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Contaminate Reduction Experience : Experience and knowledge in planning, design, layout, inspection and certification of contaminate reduction and control practices including any applicable Standards and Specifications. Contaminate Reduction References : 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 Contaminate Reduction Control practices. Engineers License - State : A current Professional Engineers license as required by law in the state of practice.
Cultural Resources Compliance Studies		Start Date: 4/3/2003 ; End Date: ();
	Cultural Resources Option 1	Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Cultural Resources - Experience : Cultural Resources survey, identification, evaluation and treatment knowledge, education, and report-writing experience. Meet the Secretary of Interior Professional Qualification Standards and Guidelines for Archaeology and Historic Preservation found at http//:www.cr.nps.gov/local-law/arch_stnds_9.htm for the relevant areas of expertise and demonstrated knowledge of the geographic region or state in which the service is to be performed. The areas of expertise may include archaeology, history, historic

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		architecture, historic landscape architecture, ethnology, and/or ethnography. Cultural Resources - NRCS Training : Cultural Resources -NRCS Training: Complete Modules 1-8 of the current NRCS Cultural Resources Training. This includes successful completion of the web-based Modules 1-6 and optional state-based Modules 7&8. Provisions for completion of Modules 7&8 are to be made through the NRCS State Office of the state in which the service is to be provided. Equivalencies may be approved by the State Conservationist. The web site for Modules 1-6 of the training is www.nedc.nrcs.usda.gov/catalog/cultres.html. Cultural Resources - References : Provide at least 2 professional references (including one from the State Historic Preservation Officer and/or Tribal Historic Preservation Officer, if possible) who can verify your qualifications, including experience, in local, state and regional Section 106 cultural resources compliance studies and report writing. Cultural Resources and/or Archaeological Permits – State and Tribal : Cultural Resources and/or Archaeological Permits – State, Tribal, and/or Archaeological Resources Protection Act (ARPA): A current cultural resources and/or archaeological permit (including ARPA Permit) and associated permits (including special use permits for certain public lands) as required by State or Tribal law in the state of practice, on tribal lands, or on public lands, as appropriate.
Energy – Reduce Use (374)		Start Date: 1/11/2012 ; End Date: Farmstead Energy Improvement (374);
	Energy - Reduce Use (374) - Option 1 - Engineer	Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Experience : Provide documentation of work performed for two of the three references requested above, i.e., plan design, installation/layout/inspection, and checkout of energy improvements on agricultural operations. References : Provide three Energy Efficiency Program contacts or customer references where technical service has been provided that can verify your experience and proficiency in planning, designing, installation/layout/inspection, and checkout of energy improvements performed on agricultural operations.
Feed Management		Start Date: 2/1/2006 ; End Date: Feed Management (592);
	Feed Management Option 1 - Certification	Animal Feed References : Provide two locations or customer references where practice has been installed that can verify experience and proficiency in developing animal diets and feeding strategies that conform to the requirements of the NRCS conservation practice standard for feed management. Animal Scientist Certification : Certification as a Professional Animal Scientist through the American Registry of Professional Animal Scientists (ARPAS).
	Feed Management Option 2 - Knowledge & Training	Animal Diet Proficiency : Proficiency in developing animal diets and with using the feeding technologies and feeding techniques described in the NRCS conservation practice standard for feed management (Code 592). Animal Feed References : Provide two locations or customer references where practice has been installed that can verify experience and proficiency in developing animal diets and feeding strategies that conform to the requirements of the NRCS conservation practice standard for feed management. Animal Feed Training : Acquire 15 hours of training or continuing education credits in feed management related subjects every three years that builds on existing knowledge and introduces new technology. National Planning Procedures Handbook : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance.
Fisheries		Start Date: 2/1/2006 ; End Date: Fishpond Management (399);
	Fisheries Option 1 - Certification	Certified Fishery Professional with AFS : Be a certified fishery professional by The American Fisheries Society (AFS). Fisheries Experience 2 years : Have 2 years experience in planning, design, installation/layout, and checkout of practices associated with Fisheries. Fisheries References : Provide two locations or customer references where technical service has been provided that can verify your fisheries experience and proficiency in planning, designing, installation/layout, and checkout of appropriate practices.
	Fisheries Option 2 - Education	Fisheries Education : Bachelor or higher-level degree in fisheries science or other related sciences. Fisheries Experience 2 years : Have 2 years experience in planning, design, installation/layout, and checkout of practices associated with Fisheries.

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		Fisheries References : Provide two locations or customer references where technical service has been provided that can verify your fisheries experience and proficiency in planning, designing, installation/layout, and checkout of appropriate practices.
Fisheries Interdiciplinary Biological/Engineering		Start Date: 2/1/2006 ; End Date: Aquaculture Ponds (397); Aquatic Organism Passage (396); Fish Raceway or Tank (398); Stream Habitat Improvement and Management (395);
	Fisheries Interdisciplinary Option 1 - Certification	Certified Fisheries Biologist : Be a certified fisheries biologist by the American Fisheries Society. Fisheries Interdisciplinary Experience : Have 1 year experience in planning, design, installation/layout, and checkout of practices associated with this category. Fisheries References : Provide two locations or customer references where technical service has been provided that can verify your fisheries experience and proficiency in planning, designing, installation/layout, and checkout of appropriate practices.
	Fisheries Interdisciplinary Option 2 - Engineers License	Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Fisheries Interdiciplinary References : Provide two locations or customer references where technical service has been provided that can verify your fisheries experience and proficiency in planning, designing, installation/layout and checkout of appropriate practices. Fisheries Interdisciplinary Experience : Have 1 year experience in planning, design, installation/layout, and checkout of practices associated with this category. Fisheries Interdisciplinary Knowlege : Be knowledgeable of the interdisciplinary nature of the associated practices as it relates to biological and engineering components.
	Fisheries Interdisciplinary Option 3 - Education	Fisheries Education : Bachelor or higher-level degree in fisheries science or other related sciences. Fisheries Interdiciplinary References : Provide two locations or customer references where technical service has been provided that can verify your fisheries experience and proficiency in planning, designing, installation/layout and checkout of appropriate practices. Fisheries Interdisciplinary Experience : Have 1 year experience in planning, design, installation/layout, and checkout of practices associated with this category.
Forestry		Start Date: 2/1/2006 ; End Date: Access Control (472); Forest Stand Improvement (666); Forest Trails and Landings (655); Prescribed Burning (338); Riparian Forest Buffer (391); Silvopasture Establishment (381); Tree/Shrub Establishment (612); Tree/Shrub Pruning (660); Tree/Shrub Site Preparation (490);
	Forestry Option 1 - Certification	Certified Forester : 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). Forestry License : A current Forestry License as required by law in the state of practice.
	Forestry Option 2 - Experience	Forestry Experience : 5 years experience and knowledge and knowledge in planning, design, layout, inspection, or managing forestry practices associated with this category. Forestry License : A current Forestry License as required by law in the state of practice. Forestry References : 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.
	Forestry Option 3 - Education	Forestry Education : Bachelor or higher level degree in forestry or related plant science and 1 years experience and knowledge successfully planning, design, layout, or managing Forestry or agroforestry practices associated with this category. Forestry License : A current Forestry License as required by law in the state of practice. Forestry References : 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.
Grazing/Forages		Start Date: 2/1/2006 ; End Date: Access Control (472); Animal Trails and Walkways (575); Brush Management (314); Fence (382); Firebreak (394); Forage and Biomass Planting (512); Forage Harvest Management (511); Grazing Land Mechanical Treatment (548); Heavy Use Area Protection (561); Integrated Pest Management (IPM) (595); Nutrient Management (590); Prescribed Burning (338); Prescribed Grazing (528A); Prescribed Grazing (528); Range Planting (550);
	Grazing Option 1 - Certification	Grazing Certification : Certification by at least one of the following: Certified Range Management Consultant by Society for Range Management (SRM). Certified Grassland Professional by the American Forage and Grassland Council (AFGC). Crop Certification through the National Alliance of Independent Crop Consultants (NAICC).

Categories	Options	Criteria
	Grazing Option 2 - Education & Experience	Grazing Education : Bachelor or higher level degree in agronomy, agriculture, or other plant science and 1 years of experience and knowledge successfully planning, design, layout, or managing Grazing/Forage practices associated with this category. Grazing Experience : 5 Years experience in planning, design, layout, inspection, or managing Grazing/Forages practices associated with this category. Grazing References : 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.
Irrigation (Water Conveyance)		Start Date: 3/1/2003 ; End Date: Irrigation Canal or Lateral (320); Irrigation Ditch Lining (428); Irrigation Field Ditch (388); Irrigation Land Leveling (464); Irrigation Pipeline (430); Pumping Plant (533); Structure for Water Control (587); Underground Outlet (620);
	Irrigation Conveyance Option 1 - Licensed Engineer	Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Irrigation Conveyance Experience : Experience in the planning, design, layout, inspection of irrigation water conveyance practices including any applicable Standards and Specifications. Irrigation Conveyance References : 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 Irrigation (Water Conveyance) practices.
	Irrigation Conveyance Option 2 - IA Certification (Engr License not Required)	Certified Irrigation Designer(CID) from Irrigation Association : Irrigation Association (IA) certification as a Certified Irrigation Designer (CID) – Agriculture: Drip/Micro, Sprinkler, or Surface; Engineers License - No State Requirement : A current Professional Engineers license as required by law in the state of practice. If there is no state requirement then document that no professional engineer license is required by State for the applicable practices within this category. Irrigation Conveyance References : 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 Irrigation (Water Conveyance) practices.
Irrigation System (Application)		Start Date: 3/1/2003 ; End Date: Anionic Polyacrylamide (PAM) Erosion Control (450); Irrigation System, Microirrigation (441); Irrigation System, Surface and Subsurface (443); Irrigation System, Tailwater Recovery (447); Irrigation Water Management (449); Pumping Plant (533); Salinity & Sodic Soil Management (610); Sprinkler System (442);
	Irrigation Application Option 1 - Licensed Engineer	Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Irrigation Application Experience : Experience in the planning, design, implementation and management of irrigation systems application practices including any applicable Standards and Specifications. Irrigation Application References : 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 Irrigation System (Application) practices.
	Irrigation Application Option 2 - IA Certification (Engr License not Required)	Certified Irrigation Designer(CID) from Irrigation Association : Irrigation Association (IA) certification as a Certified Irrigation Designer (CID) – Agriculture: Drip/Micro, Sprinkler, or Surface; Engineers License - No State Requirement : A current Professional Engineers license as required by law in the state of practice. If there is no state requirement then document that no professional engineer license is required by State for the applicable practices within this category. Irrigation Application References : 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 Irrigation System (Application) practices.
Irrigation Water Management		Start Date: 2/1/2006 ; End Date: Irrigation Water Management (449);
	Irrigation Water Mgt Option	Irrigation Water Mgt Certification : Certification with at least one of the following: 1)

Categories	Options	Criteria
	1 - Certification	Irrigation Association (IA) Certification as a Certified Irrigation Designer (CID) – Agriculture: Drip/Micro, Sprinkler, or Surface; or 2) an Irrigation Association (IA), Certified Agricultural Irrigation Specialist (CAIS), 3) Crop Certification through the National Alliance of Independent Crop Consultants (NAICC). Irrigation Water Mgt References : 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 Irrigation Water Management practices.
	Irrigation Water Mgt Option 2 - Education	Irrigation Water Mgt Education : Bachelor or higher level degree in agronomy, agriculture, or other plant science and 1 year of experience and knowledge successfully planning, design, layout, or inspection of irrigation water management practices associated with this category. Irrigation Water Mgt References : 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 Irrigation Water Management practices.
	Irrigation Water Mgt Option 3 - Experience	Irrigation Water Mgt - Experience : 5 years experience and knowledge in planning, design, layout, inspection and certification of irrigation water practice practices including any applicable Standards and Specifications. Irrigation Water Mgt References : 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 Irrigation Water Management practices.
	Irrigation Water Mgt Option 4 - Licensed Engineer	Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Irrigation Water Mgt - Experience : 5 years experience and knowledge in planning, design, layout, inspection and certification of irrigation water practice practices including any applicable Standards and Specifications. Irrigation Water Mgt References : 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 Irrigation Water Management practices.
Land Shaping		Start Date: 3/1/2003 ; End Date: Bedding (310); Irrigation Land Leveling (464); Land Clearing (460); Land Reclamation, Landslide Treatment (453); Land Reconstruction, Abandoned Mined Land (543); Land Smoothing (466); Obstruction Removal (500); Precision Land Forming (462); Recreation Land Grading and Shaping (566); Spoil Spreading (572);
	Land Shaping Option 1- Licensed Engineer	Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Land Shaping Experience : Experience in planning, design, layout, inspection and certification of Land shaping practices including any applicable Standards and Specifications. Land Shaping References : 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 Land Shaping practices.
	Land Shaping Option 2 - Certification	Land Shaping (noPE)Experience : Experience in planning, design, layout, inspection and certification of land shaping practices that do not require a professional engineering license. Land Shaping Certification : Be a certified professional in Erosion and Sediment Control by the Certified Professional in Erosion and Sediment Control, Inc (CPESC). Land Shaping Experience : Experience in planning, design, layout, inspection and certification of Land shaping practices including any applicable Standards and Specifications.
Land Treatment - Buffer		Start Date: 3/1/2003 ; End Date: Contour Buffer Strips (332); Cross Wind Trap Strips (589C); Field Border (386); Filter Strip (393); Hedgerow Planting (422); Herbaceous Wind Barriers (603); Vegetative Barrier (601);
	Buffer Option 1 - AgCertification	Agronomic Certification : Have one of the following certifications: 1) Crop Certification through the National Alliance of Independent Crop Consultants (NAICC), or 2) Be a certified professional in Erosion and Sediment Control by the Certified Professional in Erosion and Sediment Control, Inc (CPESC). Buffer References : 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 Buffer practices. Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html

Categories	Options	Criteria
	Buffer Option 2 - Experience	Buffer Experience : 5 years experience and knowledge in planning, design, layout, inspection and certification of buffer conservation practices associated with this category. Proficient with the use of applicable erosion prediction tools (RUSLE2 and/or WEQ) to access erosion rates on land upslope of the areas on which buffers are to be installed. Buffer References : 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 Buffer practices. Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html
	Buffer Option 3 - Education	Buffer Education : Bachelor or higher level degree in agronomy, agriculture, or other plant science and 1 year of experience and knowledge successfully planning, design, layout, or inspection of buffer conservation practices associated with this category. Buffer References : 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 Buffer practices. Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html
Land Treatment - Surface Water Management		Start Date: 3/1/2003 ; End Date: Diversion (362); Grassed Waterway (412); Hillside Ditch (423); Lined Waterway or Outlet (468); Rock Barrier (555); Roof Runoff Structure (558); Row Arrangement (557); Stormwater Runoff Control (570); Structure for Water Control (587); Subsurface Drain (606); Terrace (600); Underground Outlet (620); Waterspreading (640);
	Surface Water Mgt Option 1 - Licensed Engineer	Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Surface Water Mgt Experience : Experience in planning, design, layout, inspection and certification of surface water management practices including any applicable Standards and Specifications. Surface Water Mgt References : 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 Surface Water Management practices.
Land Treatment - Tillage and Erosion		Start Date: 2/1/2006 ; End Date: Conservation Crop Rotation (328); Contour Farming (330); Contour Orchard and Other Perennial Crops (331); Cross Wind Ridges (588); Deep Tillage (324); Residue and Tillage Management, Mulch Till (345); Residue and Tillage Management, No-Till (329); Stripcropping (585); Surface Roughening (609);
	Tillage Option 1 - Certitication	Land Treatment Tillage and Erosion Certification : Certification with at least one of the following: 1) CCA- Certified Crop Advisor certification from the American Society of Agronomy (ASA), 2) CPSSc- Certified Professional Soil Scientist certification from the American Society of Agronomy (ASA), 3) CPCSc- Certified Professional Crop Scientist certification from the American Society of Agronomy (ASA), 4) CPAg- Certified Professional Agronomist certification from the American Society of Agronomy (ASA), 5) Be a certified professional in Erosion and Sediment Control by the Certified Professional in Erosion and Sediment Control, Inc (CPESC), 6) Crop Certification through the National Alliance of Independent Crop Consultants (NAICC). Tillage RUSLE Experience : Proficient with the use of applicable erosion prediction tools (RUSLE2 and/or WEQ). Ability to use RUSLE2, SCI (in RUSLE2), and WEQ as applicable.
	Tillage Option 2 - Experience	Tillage Experience : 5 years experience and knowledge in planning, design, layout, inspection, or managing tillage practices associated with this category. Tillage References : 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 Tillage and Erosion practices. Tillage RUSLE Experience : Proficient with the use of applicable erosion prediction tools (RUSLE2 and/or WEQ). Ability to use RUSLE2, SCI (in RUSLE2), and WEQ as applicable.
	Tillage Option 3 - Education	Tillage Education : Bachelor or higher level degree in agronomy, agriculture, or other plant science and 1 years of experience and knowledge successfully planning, design, layout, or managing tillage practices associated with this category.

Categories	Options	Criteria
		Tillage References : 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 Tillage and Erosion practices. Tillage RUSLE Experience : Proficient with the use of applicable erosion prediction tools (RUSLE2 and/or WEQ). Ability to use RUSLE2, SCI (in RUSLE2), and WEQ as applicable.
Land Treatment - Vegetative Land Stabilization		Start Date: 2/1/2006 ; End Date: Conservation Cover (327); Cover Crop (340); Mulching (484);
	Vegetative Option 1 - Certification	Agronomic Certification : Have one of the following certifications: 1) Crop Certification through the National Alliance of Independent Crop Consultants (NAICC), or 2) Be a certified professional in Erosion and Sediment Control by the Certified Professional in Erosion and Sediment Control, Inc (CPESC). Vegetative Tools Experience : Proficient with the use of applicable erosion prediction tools (RUSLE2 and/or WEQ).
	Vegetative Option 2 - Experience	Vegetative Experience : 5 years experience and knowledge in planning, design, layout, inspection, or managing vegetative practices associated with this category. Vegetative References : 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 Vegetative Land Stabilization practices. Vegetative Tools Experience : Proficient with the use of applicable erosion prediction tools (RUSLE2 and/or WEQ).
	Vegetative Option 3 - Education	Vegetative Education : Bachelor or higher level degree in agronomy, agriculture, or other plant science and 1 years experience and knowledge successfully planning, design, layout, or managing vegetative practices associated with this category. Vegetative References : 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 Vegetative Land Stabilization practices. Vegetative Tools Experience : Proficient with the use of applicable erosion prediction tools (RUSLE2 and/or WEQ).
Manure and Wastewater Handling and Storage		Start Date: 6/27/2012 ; End Date: Animal Mortality Facility (316); Composting Facility (317); Constructed Wetland (656); Heavy Use Area Protection (561); Pumping Plant (533); Roof Runoff Structure (558); Roofs and Covers (367); Vegetated Treatment Area (635); Waste Facility Closure (360); Waste Recycling (633); Waste Storage Facility (313); Waste Transfer (634); Waste Treatment Lagoon (359);
	Manure and Wastewater Handling and Storage Option 1 - Experience	Agricultural Waste Management Systems - A Primer : Complete NRCS training course Agricultural Waste Management Systems - A Primer or an NRCS approved equivalent. Agricultural Waste Management Systems - Level 2 : Complete NRCS training course Agricultural Waste Management Systems - Level 2 or an NRCS approved equivalent. Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Engineers License - State : A current Professional Engineers license as required by law in the state of practice. MWHS Experience : Experience in the planning, design, layout, inspection and certification of manure and wastewater handling and storage (MWHS) practices including any applicable Standards and Specifications. MWHS References : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in planning, designing, installation/layout, and checkout of manure and wastewater handling and storage (MWHS) practices.
Non Irrigation Water Conveyance		Start Date: 2/1/2006 ; End Date: Dry Hydrant (432); Livestock Pipeline (516); Spring Development (574);
	Non Irrigation Water Conveyance Option 1	Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Non Irrigation Water Conveyance Experience : Experience in the planning, design, layout, inspection and certification of water conveyance pipeline practices including any applicable Standards and Specifications. Non Irrigation Water Conveyance References : 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 Water Conveyance (Pipelines) practices.

Categories	Options	Criteria
Nutrient Management - Organic and Inorganic		Start Date: 2/1/2006 ; End Date: Nutrient Management (590); Waste Recycling (633);
	Nutrient Mgt Option 1 - Organization Certification	Nutrient Mgt - State Certification : State certification in the state(s) in which service will be provided when required by state regulation or policy. Nutrient Mgt Certification : Certification in 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) 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) Total Plan Certification as a CNMP Planner through the Validus (formerly EMS LLC) certification process. 7) Other NRCS approved training program. Nutrient Mgt References : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in planning, designing, installation/layout, and checkout of Nutrient Management practices.
	Nutrient Mgt Option 2 - State Certification	Nutrient Mgt - Knowledge : Knowledge of conservation practices and management activities 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). Nutrient Mgt - State Certification : State certification in the state(s) in which service will be provided when required by state regulation or policy. Nutrient Mgt References : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in planning, designing, installation/layout, and checkout of Nutrient Management practices.
	Nutrient Mgt Option 3 - Education	Nutrient Mgt - Education : 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. Nutrient Mgt - Knowledge : Knowledge of conservation practices and management activities 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). Nutrient Mgt - State Certification : State certification in the state(s) in which service will be provided when required by state regulation or policy. Nutrient Mgt References : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in planning, designing, installation/layout, and checkout of Nutrient Management practices.
	Nutrient Mgt Option 4 - Experience	Nutrient Mgt - Experience : Three years experience within the last five years in the field of nutrient management planning. Nutrient Mgt - Knowledge : Knowledge of conservation practices and management activities 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). Nutrient Mgt - State Certification : State certification in the state(s) in which service will be provided when required by state regulation or policy. Nutrient Mgt References : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency in planning, designing, installation/layout, and checkout of Nutrient Management practices.
Pest Management		Start Date: 2/1/2006 ; End Date: Integrated Pest Management (IPM) (595);
	Pest Mgt Option 1 - Certification	Pest Mgt Certification : 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). Pest Mgt License - State : A current Pest Management applicator license as required by law in the state of practice. Pest Mgt Tools Experience : Proficient in the use of applicable erosion prediction and pest management risk assessment tools (RUSLE2 and/or WEQ, Win PST)
	Pest Mgt Option 2 - Knowlege and Training	Pest Mgt License - State : A current Pest Management applicator license as required by law in the state of practice. Pest Mgt Tools Experience : Proficient in the use of applicable erosion prediction and pest

Categories	Options	Criteria
		management risk assessment tools (RUSLE2 and/or WEQ, Win PST)
Prescribed Burning		Start Date: 2/1/2006 ; End Date: Firebreak (394); Prescribed Burning (338);
	Prescribed Burning Option 1- State Certification	Prescribed Burning Experience : Proficient in the planning, installation and certification of prescribed burns as shown by the submission of at least three (3) burn plans and certification of completion showing actual environmental conditions. These prescribed burn plans must meet the "Plans and Specifications" section of the National Practice Standard PRC 338 Prescribed Burning. Prescribed Burning References : 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 Prescribed Burning practices. Prescribed Burning State Certification : Certification and training in the prescribed burning as required by State law. Prescribed Burning Training : Successfully complete 16 hour of basic fire behavior/prescribed burning training for recommendation of Prescribed Burning as a planning alternative. Complete additional training as required by state law or the State NRCS Office for application of the Prescribed Burn Practice
Reservoir Sealing		Start Date: 3/1/2003 ; End Date: Pond Sealing or Lining, Bentonite Sealant (521C); Pond Sealing or Lining, Flexible Membrane (521A); Pond Sealing or Lining, Soil Dispersant Treatment (521B);
	Reservoir Sealing Option 1	Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Reservoir Sealing Experience : Experience in the planning, design, layout, inspection and certification of soil stabilization or access practices including any applicable Standards and Specifications. Reservoir Sealing References : 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 Reservoir Sealing practices.
Soil Stabilization for Access (Roads)		Start Date: 3/1/2003 ; End Date: Access Road (560); Animal Trails and Walkways (575); Forest Trails and Landings (655); Heavy Use Area Protection (561); Trails and Walkways (568);
	Soil Stabilization Option 1	Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Soil Stabilization Experience : Experience in the planning, design, layout, inspection and certification of soil stabilization or access practices. Soil Stabilization References : 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 Soil Stabilization for Access (Roads) practices.
	Soil Stabilization Option 2 - certification	Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Erosion and Sediment Control Certification : Certification in at least one of the following: 1) Be a certified professional in Erosion and Sediment Control by the Certified Professional in Erosion and Sediment Control, Inc (CPESC), 2) Other approved NRCS Certification Program. Soil Stabilization Experience 2 years : At least 2 years experience in the planning, design, layout, inspection and certification of soil stabilization or access practices. Soil Stabilization References : 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 Soil Stabilization for Access (Roads) practices.
Surface Water Detention/Retention		Start Date: 3/1/2003 ; End Date: Aquaculture Ponds (397); Dam (402); Dam, Diversion (348); Dike (356); Dry Hydrant (432); Fish Raceway or Tank (398); Grade Stabilization Structure (410); Irrigation Reservoir (436); Irrigation System, Tailwater Recovery (447); Pond (378); Sediment Basin (350); Structure for Water Control (587); Subsurface Drain (606); Water and Sediment Control Basin (638); Wetland Creation (658); Wetland Enhancement (659); Wetland Restoration (657);

Categories	Options	Criteria
	Surface Water Detention Option 1	Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Surface Water Detention Experience : Experience in the planning, design, layout and inspection of surface water detention retention practices including any applicable Standards and Specifications. Surface Water Detention References : 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 Surface Water Detention/Retention practices.
Waste Utilization - Energy Generation (Current)		Start Date: 4/3/2003 ; End Date: Waste Recycling (633);
	Waste (Energy) Option 1 - Engineer	Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Waste (Energy) - References : 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 Waste Utilization - Energy Generation practices.
Waste Utilization - Feedstock for Livestock (Current)		Start Date: 4/3/2003 ; End Date: Waste Recycling (633);
	Waste (Livestock) Option 1	Certified Animal Scientist : Be certified as a Professional Animal Scientist by the American Registry of Professional Animal Scientists (ARPAS). Waste (Livestock) References : 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 Waste Utilization - Feedstock for Livestock practices.
Water Management (Drainage)		Start Date: 10/25/2011 ; End Date: Bedding (310); Drainage Water Management (554); Mole Drain (482); Open Channel (582); Pumping Plant (533); Structure for Water Control (587); Subsurface Drain (606); Surface Drainage, Field Ditch (607); Surface Drainage, Main or Lateral (608); Underground Outlet (620); Vertical Drain (630);
	Water Management (Drainage) Option 1 - Certification	Drainage Water Management Certification : Certification with at least one of the following: 1) Agricultural Drainage Management Coalition (ADMC) Certificate of Competency in Drainage Water Management, or 2) Land Improvement Contractors of America (LICA) Certification in the Category of Drainage Water Management. Drainage Water Management References : Provide two locations or customer references where technical service has been provided that can verify experience and proficiency in the design, layout, installation, and inspection of Drainage Water Management practices.
	Water Management (Drainage) Option 2 - Education	Drainage Water Management Education : Bachelor or higher level degree in Agricultural/Biological Engineering, Agronomy, or Plant Science, with experience in the successful design and installation of Drainage Water Management practices. Drainage Water Management References : Provide two locations or customer references where technical service has been provided that can verify experience and proficiency in the design, layout, installation, and inspection of Drainage Water Management practices.
	Water Management (Drainage) Option 3 – Experience	Drainage Water Management Experience : One year of experience and knowledge in the design and installation of Drainage Water Management practices. Drainage Water Management References : Provide two locations or customer references where technical service has been provided that can verify experience and proficiency in the design, layout, installation, and inspection of Drainage Water Management practices.
	Water Management (Drainage) Option 4 – Licensed Engineer	Drainage Water Management References : Provide two locations or customer references where technical service has been provided that can verify experience and proficiency in the design, layout, installation, and inspection of Drainage Water Management practices. Professional Engineering License : A current Professional Engineering (PE) license, as required by law in the states of practice.
Water Supply Facilities		Start Date: 3/1/2003 ; End Date: Dry Hydrant (432); Livestock Pipeline (516); Pumping Plant (533); Spring Development (574); Water Harvesting Catchment (636); Watering Facility (614);
	Water Supply Option 1	Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the

Categories	Options	Criteria
		Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Water Supply Experience : Experience in the planning, design, layout, and inspection of water collection practices including any applicable Standards and Specifications. Water Supply References : 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 Water Supply Facilities practices.
Water Well		Start Date: 3/1/2003 ; End Date: Water Well (642); Water Well Decommissioning (351);
	Water Well Option 1	Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Water Well Experience : Experience in planning, design, layout, inspection, and certification of water well practices. Water Well References : 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 Water Well practices.
Well and Shaft Technology		Start Date: 3/1/2003 ; End Date: Mine Shaft and Adit Closing (457); Pumping Plant (533); Vertical Drain (630);
	Well and Shaft Option 1	Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Well Experience : Experience in planning, design, layout, inspection and certification of well and shaft technology practices including any applicable Standards and Specifications. Well References : 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 Well and Shaft Technology practices.
Wetlands (Interdisciplinary) Biological Components		Start Date: 7/1/2008 ; End Date: Wetland Creation (658); Wetland Enhancement (659); Wetland Restoration (657);
	Wetlands Biological Option 1 - Certification	Certified Professional Soil Scientist : Be certified as a Certified Professional Soil Scientist by the American Society of Agronomists. Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Wetlands Biological Experience - 1 Year : Have 1 year experience in planning, design, installation/layout, and checkout of wetland practices associated with this category. Wetlands Biological Knowledge : Be knowledgable of the inderdisciplinary nature of the associated pratctices as it relates to biological components and engineering components. Understand that certification of these practices will require both biological and engineering disciplines. Wetlands Biological References : Provide two locations or customer references where technical service has been provided that can verify experience and proficiency in planning, designing, installation/layout, and checkout of wetland practices associated with this category. Wildlife Biologist or Wetland Scientist : Be certified as a wildlife biologist by The Wildlife Society or professional wetland scientist by the Society of Wetland Scientists.
	Wetlands Biological Option 2 - Education	Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Wetlands Biological Education : Bachelor or higher level degree in biology or other ecological sciences. Wetlands Biological Experience - 2 Years : Have 2 year experience in planning, design, installation/layout, and checkout of wetland practices associated with this category. Wetlands Biological Knowledge : Be knowledgable of the inderdisciplinary nature of the associated pratctices as it relates to biological components and engineering components.

Categories	Options	Criteria
		Understand that certification of these practices will require both biological and engineering disciplines. Wetlands Biological References : Provide two locations or customer references where technical service has been provided that can verify experience and proficiency in planning, designing, installation/layout, and checkout of wetland practices associated with this category.
Wetlands (Interdisciplinary) Engineering Components		Start Date: 4/24/2003 ; End Date: Wetland Creation (658); Wetland Enhancement (659); Wetland Restoration (657);
	Wetlands Interdisciplinary Engineering Option 1 - Engineers License	Conservation Planning NRCS Training Modules 1-5 : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: http://www.nedc.nrcs.usda.gov/catalog/consplan.html Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Wetlands Interdisciplinary Engineering Experience - 2 Years : Have 2 year experience in planning, design, installation/layout, and checkout of wetland practices associated with this category. Wetlands Interdisciplinary Engineering Knowledge : Be knowledgable of the inderdisciplinary nature of the associated pratctices as it relates to biological components and engineering components. Understand that certification of these practices will require both biological and engineering disciplines. Wetlands Interdisciplinary Engineering References : Provide two locations or customer references where technical service has been provided that can verify experience and proficiency in planning, designing, installation/layout, and checkout of wetland practices associated with this category.
Wildlife		Start Date: 2/1/2006 ; End Date: Early Successional Habitat Development/Management (647); Hedgerow Planting (422); Restoration and Management of Rare and Declining Habitats (643); Riparian Herbaceous Cover (390); Upland Wildlife Habitat Management (645); Wetland Wildlife Habitat Management (644);
	Wildlife Option 1 - Certification	Wildlife Biologist Certification : Be a certified wildlife biologist by The Wildlife Society. Wildlife Experience 1 year : Have at least 1 year experience in planning, design, installation/layout, and checkout of practices associated with this category. Wildlife References : 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.
	Wildlife Option 2 - Education	Wildlife Education : Bachelor or higher-level degree in wildlife management or other related sciences. Wildlife Experience 2 years : Have at least 2 years experience in planning, design, installation/layout, and checkout of practices associated with this category. Wildlife References : 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.
Wildlife Interdisciplinary Biological/Engineering		Start Date: 2/1/2006 ; End Date: Shallow Water Development and Management (646); Wetland Wildlife Habitat Management (644);
	Wildlife Interdisciplinary Option 1 - Certification	Wildlife Biologist Certification : Be a certified wildlife biologist by The Wildlife Society. Wildlife Interdisciplinary Experience 1 year : Have at least 1 year experience in planning, design, installation/layout, and checkout of practices associated with this category. Wildlife Interdisciplinary References : 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.
	Wildlife Interdisciplinary Option 2 - Engineers License	Engineers License - State : A current Professional Engineers license as required by law in the state of practice. Wildlife Interdisciplinary Experience 1 year : Have at least 1 year experience in planning, design, installation/layout, and checkout of practices associated with this category. Wildlife Interdisciplinary Knowledge : Be knowledgeable of the interdisciplinary nature of the associated practices as it relates to biological and engineering components. Wildlife Interdisciplinary References : 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.
	Wildlife Interdisciplinary Option 3 - Education	Wildlife Education : Bachelor or higher-level degree in wildlife management or other related sciences.

Categories	Options	Criteria
		Wildlife Interdisciplinary Experience 2 years : Have at least 2 years experience in planning, design, installation/layout, and checkout of practices associated with this category. Wildlife Interdisciplinary References : 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.