

National Handbook of Conservation Practices

Contents

Chapter 1

Document	General Practice Standards Information	Page
Preface		1-1
Exhibit 1	Conservation Practice Standard (CPS) Template	E1-1
Exhibit 2	Conservation Practice Document (CPD) Templates	E2-1
Exhibit 3	Procedure for the Review or Development of a National Conservation Practice Standard	E3-1
Exhibit 4	Responsibilities of the Quality Assurance Team	E4-1
Exhibit 5	Documentation Files	E5-1
Exhibit 6	Federal Register Notice Template for State Technical Guide Proposed Changes for Public Review and Comment	E6-1

Chapter 2

Published NHCP Notices

NHCP Notice	Date
168	5/2019
169	8/2019
170	9/2020
171	10/2020
172	7/2021
173	6/2022
174	11/2022

Chapter 3

National Conservation Practice Standards

Practice Name and Units	Practice Code	Date of Current CPS	Lead Discipline	Practice Lifespan*
Access Control (ac)	472	10/17	ESD-For	10
Access Road (ft)	560	09/20	CED-CE	10
Agrichemical Handling Facility (no)	309	07/21	CED-EE	15
Air Filtration and Scrubbing (no)	371	07/21	CED-AQS & ESD-ARS	10
Alley Cropping (ac)	311	10/17	ESD-For	15
Amending Soil Properties with Gypsum Products (ac)	333	06/15	ESD-Agron	1
Amendments for Treatment of Agricultural Waste (au)	591	09/20	CED-EE	1
Anaerobic Digester (no)	366	10/17	CED-EE	25
Animal Mortality Facility (no)	316	09/15	CED-EE	15
Anionic Polyacrylamide (PAM) Application (ac)	450	09/20	CED-WME	1
Aquaculture Pond (ac)	397	09/20	CED-CCE & ESD-AqEco	10
Aquatic Organism Passage (mi)	396	11/22	ESD-AqEco & CED-HE	5
Bivalve Aquaculture Gear and Biofouling Control (ac)	400	09/20	ESD-AqEco	1
Brush Management (ac)	314	03/17	ESD-Graz Land Sp	10
Channel Bed Stabilization (ft)	584	07/21	CED-HE	10
Clearing and Snagging (ft)	326	06/22	CED-HE	5
Combustion System Improvement (no)	372	05/19	CED-AQS & ESD-ARS	10
Composting Facility (no)	317	09/20	CED-EE & ESD-NM	15
Conservation Cover (ac)	327	09/14	ESD-Agron	5
Conservation Crop Rotation (ac)	328	09/14	ESD-Agron	1
Constructed Wetland (ac)	656	06/22	CED-EE	15
Contour Buffer Strips (ac)	332	09/14	ESD-Agron	5
Contour Farming (ac)	330	10/17	ESD-Agron	5
Contour Orchard and Other Perennial Crops (ac)	331	09/15	ESD-Agron	10
Controlled Traffic Farming (ac)	334	09/15	ESD-Agron	5
Cover Crop (ac)	340	09/14	ESD-Agron	1
Critical Area Planting (ac)	342	09/16	ESD-Agron & CED-AA	10
Cross Wind Ridges (ac)	588	10/17	ESD-Agron	1
Cross Wind Trap Strips (ac)	589	09/14	ESD-Agron	5
Dam (no)	402	10/20	CED-CCE	50
Dam, Diversion (no)	348	10/20	CED-CCE	15
Deep Tillage (ac)	324	11/22	ESD-Agron	1
Denitrifying Bioreactor (no)	605	09/20R	CED-WME	10
Dike and Levee (ft)	356	06/22	CED-CCE	20
Diversion (ft)	362	06/22	CED-AE	10
Drainage Water Management (ac)	554	10/20	CED-WME	1
Dry Hydrant (no)	432	07/21	CED-HE	15
Dust Control on Unpaved Roads and Surfaces (sf)	373	05/19	CED-AQS & ESD-ARS	1
Dust Management for Pen Surfaces (ac)	375	07/21	CED-AQS & ESD-ARS	1
Early Successional Habitat Development-Mgt (ac)	647	11/22	ESD-WBio	1
Emergency Animal Mortality Management (no)	368	06/22	CED-EE	1
Energy Efficient Agricultural Operation (no)	374	07/21	CED-ECE	10
Energy Efficient Building Envelope (no)	672	07/21	CED-ECE	10

Practice Name and Units	Practice Code	Date of Current CPS	Lead Discipline	Practice Lifespan*
Energy Efficient Lighting System (no)	670	07/21	CED-ECE	10
Feed Management (au)	592	06/22	ESD-AH	1
Fence (ft)	382	07/21	ESD-Graz Land Sp	20
Field Border (ac)	386	09/16	ESD-Agron	10
Field Operations Emissions Reduction (ac)	376	06/22	ESD-Agron	1
Filter Strip (ac)	393	09/16	ESD-Agron	10
Firebreak (ft)	394	11/22	ESD-For	5
Fish Raceway or Tank (no)	398	05/16	ESD-AqEco & CED-DE	10
Fishpond Management (ac)	399	06/22	ESD-AqEco	1
Forest Farming (ac)	379	06/22	ESD-For	10
Forage Harvest Management (ac)	511	10/20	ESD-Graz Land Sp	1
Forest Stand Improvement (ac)	666	11/22	ESD-For	10
Forest Trails and Landings (ac)	655	10/17	ESD-For & CED-AE	5
Fuel Break (ac)	383	11/22	ESD-For	10
Grade Stabilization Structure (no)	410	10/20	CED-CCE	15
Grassed Waterway (ac)	412	09/20	CED-AE & ESD-Agron	10
Grazing Land Mechanical Treatment (ac)	548	06/22	ESD-Graz Land Sp	1
Groundwater Testing (no)	355	10/20	CED-EG	1
Heavy Use Area Protection (sf)	561	09/20	CED-CE	10
Hedgerow Planting (ft)	422	09/10	ESD-WBio	15
Herbaceous Weed Treatment (ac)	315	10/20	ESD-Graz Land Sp	5
Herbaceous Wind Barriers (ft)	603	09/15	ESD-Agron	5
High Tunnel System (sf)	325	03/15	ESD-Agron	5
Hillside Ditch (ft)	423	06/22	CED-AE	10
Irrigation and Drainage Tailwater Recovery (no)	447	09/20	CED-WME	15
Irrigation Canal or Lateral (ft)	320	10/20	CED-WME	15
Irrigation Ditch Lining (ft)	428	10/20R	CED-WME	20
Irrigation Field Ditch (ft)	388	10/20	CED-WME	15
Irrigation Land Leveling (ac)	464	10/20	CED-WME	15
Irrigation Pipeline (ft)	430	09/20R	CED-WME	20
Irrigation Reservoir (no)	436	09/20	CED-CCE	15
Irrigation System, Microirrigation (ac)	441	09/20R	CED-WME	15
Irrigation System, Surface and Subsurface (ac)	443	06/22	CED-WME	15
Irrigation Water Management (ac)	449	09/20	CED-WME & ESD-Agron	1
Land Clearing (ac)	460	09/20	CED-CE	10
Land Reclamation, Abandoned Mined Land (ac)	543	07/21	CED-DE & ESD-Agron	15
Land Reclamation, Landslide Treatment (ac)	453	06/22	CED-DE	15
Lined Waterway or Outlet (ft)	468	09/20	CED-AE	15
Livestock Pipeline (ft)	516	09/20R	CED-WME	20
Livestock Shelter Structure (no)	576	09/20R	CED-DE	10
Mine Shaft and Adit Closing (no)	457	06/22	CED-DE	15
Monitoring Well (no)	353	09/20	CED-EG	15
Mulching (ac)	484	10/17	ESD-Agron	1

Practice Name and Units	Practice Code	Date of Current CPS	Lead Discipline	Practice Lifespan*
Nutrient Management (ac)	590	05/19	ESD-NM & CED-EE	1
Obstruction Removal (no)	500	09/20	CED-CE	10
On-Farm Secondary Containment Facility (no)	319	07/21	CED-EE	15
Open Channel (ft)	582	09/15	CED-HE	15
Pasture and Hay Planting (ac)	512	07/21R	ESD-Graz Land Sp	5
Pest Management Conservation System (ac)	595	10/19R	ESD-PM	1
Pond (no)	378	06/22	CED-CCE	20
Pond Sealing or Lining, Compacted Soil Treatment (sf)	520	05/16	CED-DE	15
Pond Sealing or Lining, Concrete (sf)	522	05/16	CED-DE	20
Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner (sf)	521	10/17	CED-DE	20
Precision Land Forming and Smoothing (ac)	462	07/21	CED-AE	10
Prescribed Burning (ac)	338	10/20	ESD-Graz Land Sp & For	1
Prescribed Grazing (ac)	528	03/17	ESD-Graz Land Sp	1
Pumping Plant (no)	533	09/20R	CED-WME	15
Range Planting (ac)	550	06/22	ESD-Graz Land Sp	5
Recreation Land Improvement and Protection (ac)	566	07/21	CED-AE	15
Residue and Tillage Management, No Till (ac)	329	09/16	ESD-Agron	1
Residue and Tillage Management, Reduced Till (ac)	345	09/16	ESD-Agron	1
Restoration of Rare or Declining Natural Communities (ac)	643	03/17	ESD-WBio	1
Riparian Forest Buffer (ac)	391	10/20	ESD-For & ESD-WBio	15
Riparian Herbaceous Cover (ac)	390	11/22	ESD-WBio	5
Road-Trail-Landing Closure and Treatment (ft)	654	10/17	ESD-For & CED-AE	10
Rock Wall Terrace (ft)	555	09/20	CED-AE	10
Roof Runoff Structure (no)	558	07/21	CED-DE	15
Roofs and Covers (no)	367	09/15	CED-DE	10
Row Arrangement (ac)	557	09/20	CED-AE	5
Saline and Sodic Soil Management (ac)	610	10/20	CED-WME & ESD-Agron	1
Saturated Buffer (ft)	604	09/20	CED-WME	15
Sediment Basin (no)	350	05/16	CED-CCE	20
Shallow Water Development and Management (ac)	646	09/10	ESD-WBio	5
Short Term Storage of Animal Waste and By-Products (cf)	318	09/20	CED-EE	1
Silvopasture (ac)	381	05/16	ESD-For	15
Sinkhole Treatment (no)	527	07/21	CED-EG	10
Soil Carbon Amendment	336	11/22	SH	1
Spoil Disposal (cf)	572	09/20	CED-CE	1
Spring Development (no)	574	09/20	CED-EG	20
Sprinkler System (ac)	442	07/21	CED-WME	15
Stormwater Runoff Control (ac)	570	09/20	CED-HE	1
Stream Crossing (no)	578	06/22	CED-HE & ESD-AqEco	10
Stream Habitat Improvement and Management (ac)	395	05/19	ESD-AqEco	5
Streambank and Shoreline Protection (ft)	580	10/20	CED-HE	20
Stripcropping (ac)	585	10/17	ESD-Agron	5

Practice Name and Units	Practice Code	Date of Current CPS	Lead Discipline	Practice Lifespan *
Structure for Water Control (no)	587	10/17	CED-CCE	20
Structures for Wildlife (no)	649	09/14	ESD-WBio	5
Subsurface Drain (ft)	606	06/22	CED-AE	20
Surface Drain, Field Ditch (ft)	607	09/20	CED-AE	15
Surface Drain, Main or Lateral (ft)	608	09/15	CED-AE	15
Surface Roughening (ac)	609	09/14	ESD-Agron	1
Terrace (ft)	600	09/20	CED-AE	10
Trails and Walkways (ft)	575	09/20	CED-AE & ESD-Graz Land Sp	10
Tree-Shrub Establishment (ac)	612	05/16	ESD-For	15
Tree-Shrub Pruning (ac)	660	06/22	ESD-For	10
Tree-Shrub Site Preparation (ac)	490	10/20	ESD-For	1
Underground Outlet (ft)	620	09/20	CED-AE	20
Upland Wildlife Habitat Management (ac)	645	11/22	ESD-WBio	1
Vegetated Treatment Area (ac)	635	06/22	CED-EE	10
Vegetative Barrier (ft)	601	07/21	ESD-Agron	5
Vertical Drain (no)	630	06/22	CED-EG	10
Waste Facility Closure (no)	360	05/19	CED-CE & ESD-NM	15
Waste Recycling (no)	633	10/17	CED-EE	1
Waste Separation Facility (no)	632	07/21	CED-EE	15
Waste Storage Facility (no)	313	05/16	CED-EE	15
Waste Transfer (no)	634	07/21	CED-EE	15
Waste Treatment (no)	629	09/20	CED-EE	10
Waste Treatment Lagoon (no)	359	10/17	CED-EE	15
Wastewater Treatment, Milk House (no)	627	07/21	CED-EE	10
Water and Sediment Control Basin (no)	638	10/17	CED-HE	10
Water Harvesting Catchment (no)	636	09/20R	CED-HE	20
Water Well (no)	642	10/20R	CED-EG	20
Watering Facility (no)	614	09/20R	CED-AE & ESD-WBio	10
Waterspreading (ac)	640	09/20	CED-AE	15
Well Decommissioning (no)	351	09/20	CED-EG	20
Wetland Creation (ac)	658	06/22	ESD-WBio & CED-WME	15
Wetland Enhancement (ac)	659	11/22	ESD-WBio & CED-WME	15
Wetland Restoration (ac)	657	09/10	ESD-WBio & CED-WME	15
Wetland Wildlife Habitat Management (ac)	644	11/22	ESD-WBio	1
Wildlife Habitat Planting (ac)	420	05/19	ESD-WBio	5
Windbreak/Shelterbelt Establishment and Renovation (ft)	380	07/21	ESD-For	15
Woody Residue Treatment (ac)	384	10/17	ESD-For	10

National Discipline Leads

ESD	Ecological Sciences Division	CED	Conservation Engineering Division
Agron	Agronomist	AE	Agricultural Engineer
AH	National Leader Animal Husbandry	AQS	Air Quality Specialist
AqEco	Aquatic Ecologist	CCE	Conservation Civil Engineer
ARS	Atmospheric Resource Specialist	CE	Construction Engineer
For	Forester	DE	Design Engineer
Graz Land Sp	Grazing Land Specialist	EE	Environmental Engineer
NM	Nutrient Management Specialist	ECE	Energy Conservation Engineer
PM	Pest Management Specialist	EG	Engineering Geologist
WBio	Biologist	HE	Hydraulic Engineer
		LA	Landscape Architect
		SE	Soils Engineer
		WME	Water Management Engineer
<hr/>			
SH	Soil Health Division		
SH	Soil Health Specialist		