National Handbook of Conservation Practices

Contents:

Chapter 1 **General Practice Standards Information**

Preface		1–1
NHCP Exhibit 1	Documentation Files	1–2
NHCP Exhibit 2	Interim Conservation Practice Standards	1–3
NHCP Exhibit 3	Practice Standard	1–4
NHCP Exhibit 4	Practice Specification	1–5
NHCP Exhibit 5	Federal Register Letter	1–6
NHCP Exhibit 6	Developing and Revising NRCS National Conservation Practice Standards	1–7
NHCP Exhibit 7	Development Team Procedure	1–9
NHCP Exhibit 8	Glossary	1–11

Chapter 2 **Published NHCP Notices**

	Date
NHCP Notice 101	11/14/77
NHCP Notice 102	5/29/79
NHCP Notice 103	6/13/80
NHCP Notice 104	3/23/81
NHCP Notice 105	No Date
NHCP Notice 106	7/23/84
NHCP Notice 107	12/31/85
NHCP Notice 108	11/17/87
NHCP Notice 109	7/15/88
NHCP Notice 110	1/30/89
NHCP Notice 111	9/13/89
NHCP Notice 112	12/27/90
NHCP Notice 113	9/29/92
NHCP Notice 114	7/1/94
NHCP Notice 115	4/21/95
NHCP Notice 116	7/15/96
NHCP Notice 117	No Date
NHCP Notice 118	7/7/97
NHCP Notice 119	8/4/98
NHCP Notice 120	No Date
NHCP Notice 121	4/26/99
NHCP Notice 122	9/23/99
NHCP Notice 123	2/25/00
NHCP Notice 124	9/22/00
NHCP Notice 125	3/19/01
NHCP Notice 126	12/5/01
NHCP Notice 127	12/20/01

Chapter 3 National Conservation Practice Standards

Practice Name and Unit(s)	Lead Discipline(s)	Current Standard	Practice Code
Access Road (ft)	CED-AE	9/01	560
Alley Cropping (ac)	ESD-For	8/00	311
Animal Trails and Walkways (ft)	CED-AE & ESD-Graz Land Sp	4/95	575
Anionic Polyacrylamide (PAM) Erosion Control (ac)	CED-WME	3/01	450
Bedding (ac)	CED-WME	10/80	310
Brush Management (ac)	ESD-Graz Land Sp	4/95	314
Channel Vegetation (ac)	ESD-Agron	10/77	322
Clearing & Snagging (ft)	CED-DE	10/80	326
Closure of Waste Impoundments (no)	CED-EE & ESD-NM	2/00	360
Commercial Fishponds (ha, ac)	ESD-AqEco & CED-AE	6/84	397
Composting Facility (no)	ESD-NM & CED-EE	3/01	317
Conservation Cover (ac)	ESD-Agron	2/00	327
Conservation Crop Rotation (ac)	ESD-Agron	2/00	328
Constructed Wetland (no)	ESD-WBio & CED-WME	8/00	656
Contour Buffer Strips (ac)	ESD-Agron	3/99	332
Contour Farming (ac)	ESD-Agron	2/00	330
Contour Orchard and Other Fruit Area (ac)	ESD-Agron	10/78	331
Contour Stripcropping (ac)	ESD-Agron	2/00	585
Cover Crop (ac.)	ESD-Agron	2/00	340
Critical Area Planting (ac)	ESD-Agron & CED-LA	10/77	342
Cross Wind Ridges (ac)	ESD-Agron	6/94	589A
Cross Wind Stripcropping (ac)	ESD-Agron	6/94	589B
Cross Wind Trap Strips (ac)	ESD-Agron	3/99	589C
Dam, Diversion (no)	CED-AE	4/02	348
Dam, Floodwater Retarding (no & ac-ft)	CED-DE	10/77	402
Dam, Multiple Purpose (no & ac-ft)	CED-DE	10/78	349
Deep Tillage (ac)	ESD-Agron	3/01	324
Dike (ft)	CED-HE	10/80	356
Diversion (ft)	CED-DE	9/01	362
Drainage Water Management (ac)	CED-WME	9/01	554
Dry Hydrant (no)	CED-HE	3/99	432
Early Successional Habitat Development/Mgt. (ac)	ESD-WBio	8/98	647
Fence (ft)	ESD-Graz Land Sp	4/95	382
Field Border (ft)	ESD-Agron	3/99	386
Filter Strip (ac)	ESD-Agron & CED-EE	3/99	393
Firebreak (ft)	ESD-For	8/00	394
Fish Passage (no)	ESD-AqEco	3/01	396
Fish Raceway or Tank (m, ft & m^3/s, ft^3/s)	ESD-AqEco & CED-DE	6/84	398
Fishpond Management (no)	ESD-AqEco	9/01	399
Floodwater Diversion (ft)	CED-HE	10/77	400
Floodway (ft)	CED-HE	10/77	404
Forage Harvest Management (ac)	ESD- Graz Land Sp	1/97	511
Forest Site Preparation (ac)	ESD-For	8/00	490
Forest Stand Improvement (ac)	ESD-For	8/00	666
Forest Trails and Landings (ac)	ESD-For & CED-AE	8/00	655
Grade Stabilization Structure (no)	CED-DE	10/85	410
Grassed Waterway (ac)	ESD-Agron & CED-AE	2/00	412
Grazing Land Mechanical Treatment (ac)	ESD-Graz Land Sp	4/95	548

Practice Name & Unit(s)	Lead Discipline(s)	Current Standard	Practice Code
Heavy Use Area Protection (ac)	CED-AE	8/00	561
Hedgerow Planting (ft)	ESD-WBio	4/02	422
Herbaceous Wind Barriers (ft)	ESD-Agron	9/01	603
Hillside Ditch (ft)	CED-WME	10/85	423
Irrigation Canal or Lateral (ft)	CED-DE	10/77	320
Irrigation Field Ditch (ft)	CED-WME	10/77	388
Irrigation Land Leveling (ac)	CED-WME	9/01	464
Irrigation Pit or Regulating Reservoir			
Irrigation Pit (no)	CED-WME	10/77	552A
Regulating Reservoir (no)	CED-WME	10/77	552B
Irrigation Storage Reservoir (no & ac-ft)	CED-WME	10/77	436
Irrigation System			
Sprinkler (no & ac)	CED-WME	10/87	442
Surface & Subsurface (no & ac)	CED-WME	10/78	443
Microirrigation (no & ac)	CED-WME	8/00	441
Irrigation System, Tailwater Recovery (no)	CED-WME	8/00	447
Irrigation Water Conveyance			
Ditch and Canal Lining			
Nonreinforced Concrete (ft)	CED-DE	10/85	428A
Flexible Membrane (ft)	CED-DE	10/80	428B
Galvanized Steel (ft)	CED-DE	10/78	428C
Pipeline			
Aluminum Tubing (ft)	CED-DE	10/78	430AA
Asbestos-Cement (ft)	CED-DE	4/82	430BB
Nonreinforced Concrete (ft)	CED-DE	6/84	430CC
High-pressure, Underground, Plastic (ft)	CED-DE	5/88	430DD
Low-pressure, Underground, Plastic (ft)	CED-DE	5/88	430EE
Steel (ft)	CED-DE	10/78	430FF
Reinforced Plastic Mortar (ft)	CED-DE	4/82	430GG
Rigid Gated Pipeline (ft)	CED-DE	10/85	430HH
Irrigation Water Management (ac)	CED-WME & ESD-Agron	3/99	449
Land Clearing (ac)	CED-AE	10/77	460
Land Reclamation			
Fire Control (no)	CED-DE	6/84	451
Highwall Treatment (no & ft)	CED-SE	6/84	456
Landslide Treatment (no & ac)	CED-SE	6/84	453
Toxic Discharge Control (no)	CED-EE	6/84	455
Land Reconstruction, Abandoned Mined Land (ac)	ESD-Agron & CED-AE	3/01	543
Land Reconstruction, Currently Mined Land (ac)	ESD-Agron	3/01	544
Land Smoothing (ac)	CED-AE	10/80	466
Lined Waterway or Outlet (ft)	CED-AE	10/77	468
Manure Transfer (no)	CED-EE	7/97	634
Mine Shaft & Adit Closing (no)	CED-SE	1/97	457
Mole Drain (ft)	CED-WME	10/80	482
Mulching (ac)	ESD-Agron	10/77	484
Nutrient Management (ac)	ESD-NM & CED-EE	4/99	590
Obstruction Removal (ac)	CED-AE	4/02	500
Open Channel (ft)	CED-DE	10/87	582
Pasture & Hay Planting (ac)	ESD-Graz Land Sp	4/95	512
Pest Management (ac)	ESD-PM & CED-EE	3/01	595

Practice Name & Unit(s)	Lead Discipline(s)	Current Standard	Practice Code
Pipeline (ft)	CED-DE	8/00	516
Pond (no)	CED-DE	10/87	378
Pond Sealing or Lining			
Flexible Membrane (no)	CED-CE	9/99	521A
Soil Dispersant (no)	CED-SE	9/01	521B
Bentonite Sealant (no)	CED-SE	9/01	521C
Cationic Emulsion-Waterborne Sealant (no)	CED-SE	10/77	521D
Asphalt-Sealed Fabric Liner (no)	CED-CE	10/77	521E
Precision Land Forming (ac)	CED-AE	10/80	462
Prescribed Burning (ac)	ESD-For	8/00	338
Prescribed Grazing (ac)	ESD-Graz Land Sp	4/02	528A
Pumped Well Drain (no)	CED-WME	10/77	532
Pumping Plant for Water Control (no)	CED-DE	10/77	533
Range Planting (ac)	ESD-Graz Land Sp	4/95	550
Recreation Area Improvement (ac)	ESD-For & CED-LA	10/77	562
Recreation Land Grading and Shaping (ac)	CED-AE	4/02	566
Recreation Trail and Walkway (ft)	CED-AE	4/02	568
Residue Management, No Till/Strip Till (ac)	ESD-Agron	3/99	329A
Residue Management, Mulch till (ac)	ESD-Agron	3/99	329B
Residue Management, Ridge Till (ac)	ESD-Agron	6/94	329C
Residue Management, Seasonal (ac)	ESD-Agron	6/94	344
Restoration and Management of Declining Habitats (ac)	ESD- Wbio	8/98	643
Riparian Forest Buffer (ac)	ESD-For & CED-LA	8/00	391
Riparian Herbaceous Cover (ac)	ESD-Wbio	8/98	390
Rock Barrier (ft)	CED-AE	10/77	555
Roof Runoff Structure (no)	CED-DE	9/01	558
Row Arrangement (ac)	CED-AE	10/77	557
Runoff Management System (no & ac)	CED-AE	10/78	570
Sediment Basin (no)	CED-AE	10/78	350
Shallow Water Management for Wildlife (ac)	ESD-Wbio	8/98	646
Soil Salinity Management-Nonirrigated (ac)	CED-WME & ESD-Agron	5/88	571
Spoil Spreading (ac)	CED-AE	10/80	572
Spring Development (no)	CED-AE	8/00	574
Streambank and Shoreline Protection (ft)	CED-DE	9/99	580
Stream Channel Stabilization (ft)	CED-EG	10/77	584
Stream Habitat Improvement and Management (ac)	ESD-AqEco	3/01	395
Stripcropping, Field (ac)	ESD-Agron	10/78	586
Structure for Water Control (no)	CED-DE	10/77	587
Subsurface Drain (ft)	CED-WME	5/88	606
Surface Drainage, Field Ditch (ft)	CED-WME	10/78	607
Surface Drainage, Main or Lateral (ft)	CED-WME	10/78	608
Surface Roughening (ac)	ESD-Agron	9/01	609
Terrace (ft, m)	CED-AE	4/82	600
Toxic Salt Reduction (ac)	CED-WME	5/88	610
Tree/Shrub Establishment (ac)	ESD-For & CED-LA	8/00	612
Tree/Shrub Pruning (ac)	ESD-For	8/00	660
Underground Outlet (ft)	CED-AE	3/01	620
Upland Wildlife Habitat Management (ac)	ESD-Wbio	8/98	645
Use Exclusion (ac)	ESD-For	8/00	472
Vegetative Barrier (ft)	ESD-Agron	3/01	601
Vertical Drain (no)	CED-EG	10/77	630

Practice Name & Unit(s)	Lead Discipline(s)	Current Standard	Practice Code
Waste Storage Facility (no)	CED-EE	9/99	313
Waste Treatment Lagoon (no)	CED-EE	9/99	359
Waste Utilization (ac)	ESD-NM & CED-EE	9/01	633
Wastewater Treatment Strip (ac)	CED-EE	4/02	635
Water Harvesting Catchment (no)	CED-WME	10/78	636
Watering Facility (no)	CED-AE	8/00	614
Water and Sediment Control Basin (no)	CED-AE	4/02	638
Waterspreading (ac)	CED-WME	10/85	640
Water Well (no)	CED-EG	9/99	642
Well Decommissioning (no)	CED-EG	5/96	351
Wetland Creation (ac)	ESD-WBio & CED-WME	8/98	658
Wetland Enhancement (ac)	ESD-WBio & CED-WME	8/98	659
Wetland Restoration (ac)	ESD-WBio & CED-WME	8/98	657
Wetland Wildlife Habitat Management (ac)	ESD-WBio	8/98	644
Wildlife Watering Facility (no)	ESD-WBio	8/98	648
Windbreak/Shelterbelt Establishment (ft)	ESD-For	8/00	380
Windbreak/Shelterbelt Renovation (ft)	ESD-For	8/00	650

ESD—Ecological Sciences Division
CED—Conservation Engineering Division
Agron—Agronomist
WBio—Biologist
For—Forester
Graz Land Sp—Grazing Land Specialist
NM—Nutrient Management Specialist
PM—Pest Management Specialist
AE—Agricultural Engineer
CE—Construction Engineer
DE—Design Engineer
EE—Environmental Engineer
EG—Engineering Geologist
HE—Hydraulic Engineer
LA—Landscape Architect
SE—Soils Engineer
WME—Water Management Engineer
AqEco—Aquatic Ecologist