

STANDARDS AND SPECIFICATIONS

U.S. DEPARTMENT OF AGRICULTURE STATE OF COLORADO NATURAL RESOURCES CONSERVATION SERVICE

PRACTICE NAME AND UNIT	CODE	LEAD†	ISSUE DATE	LAST REVIEW	EXPIRES
Above Ground, Multi-Outlet Pipeline (ft)	431	Eng	Oct-07		
Access Control (ac)	472	For	Jun-09		
Access Road (ft)	560	Eng	Aug-04		
Agrichemical Handling Facility (no)	309	Eng	Jan-09		
Alley Cropping (ac)	311	For	Jul-06		
Amendments for Treatment of Agricultural Waste (au)	591	Eng	Mar-07		
Anaerobic Digester, Ambient Temperature (no)	365	Eng	Aug-04		
Anaerobic Digester, Controlled Temperature (no)	366	Eng	Aug-04		
Animal Mortality Facility (no)	316	Eng	Aug-04		
Animal Trails and Walkways (ft)	575	Eng/Range	Aug-04		
Anionic Polyacrylamide (PAM) Erosion Control (ac)	450	Eng	Mar-02		
Aquaculture Ponds (ac)	397	Bio	Apr-03		
Atmospheric Resources Quality Management (ac)	370	Eng	Aug-04		
Brush Management (ac)	314	Range	Sep-06		
Brush Management Supplement, (SLV) (ac)	314	Range	Sep-79	May-92	
Brush Management Supplement. Sand Sagebrush (ac)	314	Range	Aug-93	Oct-95	
Channel Bank Vegetation (ac)	322	Agron/Bio	Dec-09		
Channel Stabilization (ft)	584	Eng	May-03		
Clearing and Snagging (ft)	326	Eng	Aug-04		
Closure of Waste Impoundments (no)	360	Eng	May-05		
Composting Facility (no)	317	Eng	Aug-04		
Conservation Cover (ac)	327	Agron	Nov-07		
Conservation Crop Rotation (ac)	328	Agron	Sep-10		
Conservation Power Plant (no) INTERIM STANDARD	716	Eng	Dec-06		Dec-11
Conservation Power Plant (no) INTERIM SPECIFICATION	716	Eng	Dec-06		Dec-11
Constructed Wetland (no)	656	Bio/Eng	Mar-02		
Contour Buffer Strips (ac)	332	Agron	Nov-07		
Contour Farming (ac)	330	Agron	Nov-07		
Cover Crop (ac)	340	Agron	Nov-06		
Critical Area Planting (ac)	342	Agron	Nov-07		
Cross Wind Ridges (ac)	588	Agron	Oct-08		
Cross Wind Trap Strips (ac)	589C	Agron	Sep-10		
Dam (no & ac ft)	402	Eng	May-03		
Dam, Diversion (no)	348	Eng	Aug-02	Sep-02	
Deep Tillage (ac)	324	Agron	Sep-10		
Dike (ft)	356	Eng	Aug-04		
Diversion (ft)	362	Eng	Mar-02		
Drainage Water Management (ac)	554	Eng	Aug-02	Sep-02	
Dry Hydrant (no)	432	Eng	Mar-02		
Early Successional Habitat Development /Management (ac)	647	Bio	Dec-05		
Feed Management (no & au)	592	Agron	Feb-05		
Fence (ft)	382	Range	Sep-03		
Field Border (ft)	386	Agron	Nov-07		
Filter Strip (ac)	393	Agron	Oct-08		
Firebreak (ft)	394	For	Apr-03		
Fish Passage (no)	396	Bio	Jan-07		
Fish Raceway or Tank (ft)	398	Bio/Eng	Aug-04		

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Fishpond Management (no)	399	Bio	Jan-07		
Forage and Biomass Planting (ac)	512	Agron/Range	Sep-10		
Forage Harvest Management (ac)	511	Agron/Range	Feb-08		
Forest Slash Treatment (ac)	384	For	Apr-08		
Forest Stand Improvement (ac)	666	For	Apr-03		
Forest Trails and Landings (ac)	655	For	Apr-03		
Fuel Break (ac)	383	For	May-07		
Grade Stabilization Structure (no)	410	Eng	Jan-89	Mar-02	
Grassed Waterway (ac)	412	Eng	Aug-02	Sep-02	
Grazing Land Mechanical Treatment (ac)	548	Range	Oct-82		
Heavy Use Area Protection (ac)	561	Eng	Aug-04		
Hedgerow Planting (ft)	422	Bio	Aug-02		
Herbaceous Weed Control (ac)	315	Agron/Range	Sep-10		
Herbaceous Wind Barriers (ft)	603	Agron	Sep-10		
Irrigation Canal or Lateral (ft)	320	Eng	Aug-04		
Irrigation Field Ditch (ft)	388	Eng	Aug-04		
Irrigation Land Leveling (ac)	464	Eng	Mar-02		
Irrigation Regulating Reservoir (no)	552	Eng	May-03		
Irrigation Storage Reservoir (no & ac ft)	436	Eng	May-03		
Irrigation System, Micro Irrigation (no & ac)	441	Eng	Mar-02		
Irrigation System, Sprinkler (no & ac)	442	Eng	Aug-04		
Irrigation System, Surface and Subsurface (no & ac)	443	Eng	Aug-04		
Irrigation System, Tailwater Recovery (no)	447	Eng	Aug-02	Sep-02	
Irrigation Water Conveyance, Anionic Polyacrylamide (PAM) Ditch and Canal Treatment (no)	754	Eng	May-05		
Irrigation Water Conveyance, Ditch & Canal Lining, Flexible Membrane (ft)	428B	Eng	Aug-04		
Irrigation Water Conveyance, Ditch & Canal Lining, Galvanized Steel (ft)	428C	Eng	Aug-04		
Irrigation Water Conveyance, Ditch & Canal Lining, Plain Concrete (ft)	428A	Eng	Aug-04		
Irrigation Water Conveyance, Pipeline, Aluminum Tubing (ft)	430AA	Eng	Jan-72	Mar-02	
Irrigation Water Conveyance, Pipeline, High-Pressure, Underground Plastic (ft)	430DD	Eng	Mar-92	Mar-02	
Irrigation Water Conveyance, Pipeline, Low Pressure, Underground, Plastic (ft)	430EE	Eng	Mar-92	Mar-02	
Irrigation Water Conveyance, Pipeline, Non-reinforced Concrete (ft)	430CC	Eng	Feb-92	Mar-02	
Irrigation Water Conveyance, Pipeline, Reinforced Plastic Mortar (ft)	430GG	Eng	Dec-82	Mar-02	
Irrigation Water Conveyance, Pipeline, Steel (ft)	430FF	Eng	Jan-72	Mar-02	
Irrigation Water Management (ac)	449	IWM	Aug-06	Sep-02	
Land Clearing (ac)	460	Eng	Aug-04		
Land Reclamation, Abandoned Mined Land (ac)	543	Agron/Eng	Dec-06		
Land Reclamation, Currently Mined Land (ac)	544	Agron	Dec-06		
Land Smoothing (ac)	466	Eng	May-03		
Lined Waterway or Outlet (ft)	468	Eng	May-03		
Manure Transfer (no)	634	Eng	Aug-04		
Monitoring Well (ea)	353	Eng	Aug-04		

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Mulching (ac)	484	Agron	Oct-08		
Multi-Story Cropping	379	For	Jul-06		
Nutrient Management (ac)	590	Agron	Oct-08		
Obstruction Removal (ac)	500	Eng	Aug-02	Sep-02	
Open Channel (ft)	582	Eng	Aug-02	Sep-02	
Pest Management (ac)	595	Agron	Oct-08		
Pipeline (ft)	516	Eng	Aug-02	Sep-02	
Pond (no)	378	Eng	May-03		
Pond Sealing or Lining, Bentonite Treatment (no)	521C	Eng	Apr-02		
Pond Sealing or Lining, Compacted Clay Treatment (no)	521D	Eng	May-05		
Pond Sealing or Lining, Flexible Membrane (no)	521A	Eng	Mar-07		
Pond Sealing or Lining, Soil Dispersant Treatment (no)	521B	Eng	Apr-02		
Prescribed Burning (ac)	338	For	Apr-03		
Prescribed Grazing (ac)	528	Range	Dec-03		
Pumping Plant (no)	533	Eng	May-03		
Range Planting (ac)	550	Range	Jan-07		
Recreation Land Grading and Shaping (ac)	566	Eng	Aug-02	Sep-02	
Recreation Trail and Walkway (ft)	568	Eng	Aug-02	Sep-02	
Residue and Tillage Management, Mulch Till (ac)	345	Agron	Sep-05		
Residue and Tillage Management, No Till/Strip Till/Direct Seed (ac)	329	Agron	Jul-06		
Residue and Tillage Management, Ridge Till (ac)	346	Agron	Sep-05		
Residue Management, Seasonal (ac)	344	Agron	Oct-08		
Restoration and Management of Rare or Declining Habitats(ac)	643	Bio	Dec-05		
Riparian Forest Buffer (ac)	391	Eng/For	Aug-06		
Riparian Herbaceous Cover (ac)	390	Bio	Dec-05		
Roof Runoff Structure (no)	558	Eng	Mar-02		
Salinity and Sodic Soil Management (ac)	610	IWM/Agron	Sep-05		
Sediment Basin (no)	350	Eng	Aug-04		
Seasonal High Tunnel System for Crops (sq ft) Interim Std	798	Agron/Eng	Oct-10		
Shallow Water Development and Management (ac)	646	Bio	Dec-05		
Solid/Liquid Waste Separation Facility (no)	632	Eng	Mar-07		
Spoil Spreading (ac)	572	Eng	Aug-04		
Spring Development (no)	574	Eng	Mar-07		
Stream Crossing (no)	578	Eng	Aug-04		
Stream Habitat Improvement and Management (ac)	395	Bio	Jan-07		
Streambank and Shoreline Protection (ft)	580	Eng	Mar-07		
Stripcropping (ac)	585	Agron	Oct-04		
Structure for Water Control (no)	587	Eng	Aug-04		
Subsurface Drain (ft)	606	Eng	Aug-04		
Surface Drainage, Field Ditch (ft)	607	Eng	Aug-04		
Surface Drainage, Main or Lateral (ft)	608	Eng	May-03		
Surface Roughening (ac)	609	Agron	Sep-10		
Terrace (ft)	600	Eng	May-03		
Tree/Shrub Establishment (ac)	612	For	Apr-03		
Tree/Shrub Pruning (ac)	660	For	Apr-03		

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Tree/Shrub Site Preparation (ac)	490	For	Dec-09		
Underground Outlet (no)	620	Eng	Mar-02		
Upland Wildlife Habitat Management (ac)	645	Bio	Dec-05		
Vegetative Barrier (ft)	601	Agron	Sep-10		
Vertical Drain (no)	630	Eng	Aug-02	Sep-02	
Waste Facility Cover (no)	367	Eng	Aug-04		
Waste Storage Facility (no)	313	Eng	May-05		
Waste Treatment (no)	629	Eng	Mar-07		
Waste Treatment Lagoon (no)	359	Eng	Aug-04		
Waste Utilization (ac)	633	Eng	Aug-04		
Wastewater Treatment Strip (ac)	635	Eng	Aug-02	Sep-02	
Water and Sediment Control Basin (no)	638	Eng	Aug-02	Sep-02	
Water Well (no)	642	Eng	Mar-07		
Watering Facility (no)	614	Eng	Mar-07		
Waterspreading (ac)	640	Eng	Mar-03		
Well Decommissioning (no)	351	Eng	Aug-04		
Well Water Testing (no)	355	Eng	Mar-07		
Wetland Creation (ac)	658	Bio/Eng	Dec-05		
Wetland Enhancement (ac)	659	Bio/Eng	Jan-07		
Wetland Restoration (ac)	657	Bio/Eng	Dec-05		
Wetland Wildlife Habitat Management (ac)	644	Bio	Dec-05	Apr-03	
Windbreak/Shelterbelt Establishment (ft)	380	For	Apr-03		
Windbreak/Shelterbelt Renovation (ac)	650	For	Apr-03		

† Lead Discipline Key

Agron	State Conservation Agronomist	For	State Forester
Bio	State Wildlife Biologist	IWM	State Irrigation Water Management Specialist
Eng	State Conservation Engineer	Range	State Range Management Specialist

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Numeric Cross Reference

309	Agrichemical Handling Facility
311	Alley Cropping
313	Waste Storage Facility
314	Brush Management
315	Herbaceous Weed Control
316	Animal Mortality Facility
317	Composting Facility
320	Irrigation Canal or Lateral
322	Channel Bank Vegetation
324	Deep Tillage
326	Clearing and Snagging
327	Conservation Cover
328	Conservation Crop Rotation
329	Residue and Tillage Management, No Till/Strip Till/Direct Seed
330	Contour Farming
332	Contour Buffer Strips
338	Prescribed Burning
340	Cover Crop
342	Critical Area Planting
344	Residue Management, Seasonal
345	Residue and Tillage Management, Mulch Till
346	Residue and Tillage Management, Ridge Till
348	Dam, Diversion
350	Sediment Basin
351	Well Decommissioning
353	Monitoring Well
355	Well Water Testing
356	Dike
359	Waste Treatment Lagoon
360	Closure of Waste Impoundments
362	Diversion
365	Anaerobic Digester, Ambient Temperature
366	Anaerobic Digester, Controlled Temperature
367	Waste Facility Cover
370	Atmospheric Resources Quality Management
378	Pond
379	Multi-Story Cropping
380	Windbreak/Shelterbelt Establishment
382	Fence
383	Fuel Break
384	Forest Slash Treatment
386	Field Border
388	Irrigation Field Ditch

390	Riparian Herbaceous Cover
391	Riparian Forest Buffer
393	Filter Strip
394	Firebreak
395	Stream Habitat Improvement and Management
396	Fish Passage
397	Aquaculture Ponds
398	Fish Raceway or Tank
399	Fishpond Management
402	Dam
410	Grade Stabilization Structure
412	Grassed Waterway
422	Hedgerow Planting
428A	Irrigation Water Conveyance, Ditch & Canal Lining, Plain Concrete
428B	Irrigation Water Conveyance, Ditch & Canal Lining, Flexible Membrane
428C	Irrigation Water Conveyance, Ditch & Canal Lining, Galvanized Steel
430AA	Irrigation Water Conveyance, Pipeline, Aluminum Tubing
430CC	Irrigation Water Conveyance, Pipeline, Non-reinforced Concrete
430DD	Irrigation Water Conveyance, Pipeline, High-Pressure Underground Plastic
430EE	Irrigation Water Conveyance, Pipeline, Low Pressure, Underground, Plastic
430FF	Irrigation Water Conveyance, Pipeline, Steel
430GG	Irrigation Water Conveyance, Pipeline, Reinforced Plastic Mortar
430II	Irrigation Water Conveyance, Corrugated Metal Pipeline
430JJ	Irrigation Water Conveyance, Corrugated Ribbed or Profile Wall Thermoplastic Pipe
431	Above Ground, Multi-Outlet Pipeline
432	Dry Hydrant
436	Irrigation Storage Reservoir
441	Irrigation System, Micro Irrigation
442	Irrigation System, Sprinkler
443	Irrigation System, Surface and Subsurface
447	Irrigation System, Tailwater Recovery
449	Irrigation Water Management
450	Anionic Polyacrylamide (PAM) Erosion Control
460	Land Clearing
464	Irrigation Land Leveling
466	Land Smoothing
468	Lined Waterway or Outlet

STANDARDS AND SPECIFICATIONS

Numeric Cross Reference

472	Access Control
484	Mulching
490	Tree/Shrub Site Preparation
500	Obstruction Removal
511	Forage Harvest Management
512	Forage and Biomass Planting
516	Pipeline
521A	Pond Sealing or Lining, Flexible Membrane
521B	Pond Sealing or Lining, Soil Dispersant Treatment
521C	Pond Sealing or Lining, Bentonite Treatment
521D	Point Sealing or Lining, Compacted Clay Treatment
528	Prescribed Grazing
533	Pumping Plant
543	Land Reclamation, Abandoned Mined Land
544	Land Reclamation, Currently Mined Land
548	Grazing Land Mechanical Treatment
550	Range Planting
552	Irrigation Regulating Reservoir
554	Drainage Water Management
558	Roof Runoff Structure
560	Access Road
561	Heavy Use Area Protection
566	Recreation Land Grading and Shaping
568	Recreation Trail and Walkway
572	Spoil Spreading
574	Spring Development
575	Animal Trails and Walkways
578	Stream Crossing
580	Streambank and Shoreline Protection
582	Open Channel
584	Channel Stabilization
585	Stripcropping
587	Structure for Water Control
588	Cross Wind Ridges
589C	Cross Wind Trap Strips
590	Nutrient Management
591	Amendments for Treatment of Agricultural Waste
592	Feed Management

595	Pest Management
600	Terrace
601	Vegetative Barrier
603	Herbaceous Wind Barriers
606	Subsurface Drain
607	Surface Drainage, Field Ditch
608	Surface Drainage, Main or Lateral
609	Surface Roughening
610	Salinity and Sodic Soil Management
612	Tree/Shrub Establishment
614	Watering Facility
620	Underground Outlet
629	Waste Treatment
630	Vertical Drain
632	Solid/Liquid Waste Separation Facility
633	Waste Utilization
634	Manure Transfer
635	Wastewater Treatment Strip
638	Water and Sediment Control Basin
640	Waterspreading
642	Water Well
643	Restoration and Management of Rare or Declining Habitats
644	Wetland Wildlife Habitat Management
645	Upland Wildlife Habitat Management
646	Shallow Water Development and Management
647	Early Successional Habitat Development/Management
650	Windbreak/Shelterbelt Renovation)
655	Forest Trails and Landings
656	Constructed Wetland
657	Wetland Restoration
658	Wetland Creation
659	Wetland Enhancement
660	Tree/Shrub Pruning
666	Forest Stand Improvement
716	Conservation Power Plant
754	Irrigation Water Conveyance, Anionic Polyacrylamide (PAM) Ditch and Canal Treatment
798	Seasonal High Tunnel System for Crops