



## Classification of Conservation Practice Effects on Cultural Resources (March 2020)

### Rating

**NE No Effect/Not Ground (Resource) Disturbing** – conservation practices not considered as having a “potential to affect cultural resources.”

Some conservation practices are primarily management related and will not have any physical effects or alteration to a cultural resource. These practices are not just benign, but often provide beneficial effects by affecting soil or cover stability. Others are performed in previously disturbed soils, soils that are not likely to possess intact and distinct soil horizons and have a reduced likelihood of possessing historic properties within their original depositional contexts in the area and to the depth to be excavated. Others do not have the potential to affect landscapes, buildings, or other structures 50 years in age or older.

The NE practices do not require further cultural resources considerations but are documented on the NRCS-CPA-52 Environmental Evaluation Worksheet.

**PE Potential Effects/Potentially Ground (Resource) Disturbing** – conservation practices considered as having low potential to affect cultural resources, except when they are considered to be intrusive. **Cultural resource considerations required if the installation will be intrusive.**

Conservation practices are **intrusive** and require consideration if at least one of the following conditions are met:

1. The installation of the practice will change the landscape or viewshed near or physically affect buildings and other structures that are 50 years old or older.
2. The installation of the practice involves ground disturbance that will exceed the depth, extent, or kind of previous cultivation or other earth disturbance activity.

If the PE practice installation is non-intrusive, no further cultural resource considerations are required except to document on the NRCS-CPA-52 Environmental Evaluation Worksheet.

**E Effect or Ground (Resource) Disturbing** - conservation practices and associated systems considered as having a high potential to affect cultural resources. **Cultural resource considerations are always required.**

If a practice is considered a **PE-Intrusive** or **E**, the planner should complete the PA Cultural Resources Review Worksheet and related packet and submit it to the Cultural Resources Coordinator (CRC) for review. Based on an examination of the packet and CRIGS, the CRC may or may not consult with PA-SHPO.



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| Practice Name & Units                             | Unit        | Practice |                |
|---------------------------------------------------|-------------|----------|----------------|
| Access Control                                    | Ac.         | 472      | NE             |
| Access Road                                       | Ft.         | 560      | PE             |
| Agrichemical Handling Facility                    | No.         | 309      | E <sup>1</sup> |
| Air Filtration and Scrubbing                      | No.         | 371      | PE             |
| Alley Cropping                                    | Ac.         | 311      | NE             |
| Amending Soil Properties with Gypsum Products     | Ac.         | 333      | NE             |
| Amendments for Treatment of Agricultural Waste    | AU          | 591      | NE             |
| Anaerobic Digester                                | No.         | 366      | E <sup>1</sup> |
| Animal Mortality Facility                         | No.         | 316      | PE             |
| Aquaculture Ponds                                 | Ac.         | 397      | E              |
| Aquatic Organism Passage                          | Mi.         | 396      | E              |
| Brush Management                                  | Ac.         | 314      | PE             |
| Building Envelope Improvement                     | No.         | 672      | E              |
| Channel Bed Stabilization                         | Ft.         | 584      | NE             |
| Clearing & Snagging                               | Ft.         | 326      | NE             |
| Combustion System Improvement                     | No.         | 372      | NE             |
| Composting Facility                               | No.         | 317      | PE             |
| Conservation Cover                                | Ac.         | 327      | NE             |
| Conservation Crop Rotation                        | Ac.         | 328      | NE             |
| Constructed Wetland                               | Ac.         | 656      | E              |
| Contour Buffer Strip                              | Ac.         | 332      | NE             |
| Contour Farming                                   | Ac.         | 330      | NE             |
| Contour Orchard and Other Perennial Crops         | Ac.         | 331      | PE             |
| Cover Crop                                        | Ac.         | 340      | NE             |
| Critical Area Planting                            | Ac.         | 342      | NE             |
| Dam                                               | No./Ac.-Ft. | 402      | E              |
| Deep Tillage                                      | Ac.         | 324      | E <sup>1</sup> |
| Denitrifying Bioreactor                           | No.         | 605      | E              |
| Dike                                              | Ft.         | 356      | E              |
| Diversion                                         | Ft.         | 362      | PE             |
| Drainage Water Management                         | Ac.         | 554      | NE             |
| Dry Hydrant                                       | No.         | 432      | PE             |
| Early Successional Habitat Development/Management | Ac.         | 647      | NE             |
| Emergency Animal Mortality Management             | No.         | 368      | PE             |
| Farmstead Energy Improvement                      | No.         | 374      | PE             |
| Feed Management                                   | No./AU      | 592      | NE             |
| Fence                                             | Ft.         | 382      | PE             |
| Field Border                                      | Ac.         | 386      | NE             |
| Filter Strip                                      | Ac.         | 393      | NE             |
| Firebreak                                         | Ft.         | 394      | PE             |

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|-----------------------------------------------------------------|---------|----------|----------------|
| Forage & Biomass Planting                                       | Ac.     | 512      | NE             |
| Forage Harvest Management                                       | Ac.     | 511      | NE             |
| Forest Stand Improvement                                        | Ac.     | 666      | NE             |
| Forest Trails & Landings                                        | Ac.     | 655      | PE             |
| Fuel Break                                                      | Ac.     | 383      | PE             |
| Grade Stabilization Structure                                   | No.     | 410      | PE             |
| Grassed Waterway                                                | Ac.     | 412      | PE             |
| Grazing Land Mechanical Treatment                               | Ac.     | 548      | PE             |
| Heavy Use Area Protection                                       | Sq. Ft. | 561      | PE             |
| Hedgerow Planting                                               | Ft.     | 422      | NE             |
| Herbaceous Weed Control                                         | Ac.     | 315      | NE             |
| High Tunnel System                                              | Sq. Ft. | 325      | NE             |
| Irrigation Pipeline                                             | Ft.     | 430      | PE             |
| Irrigation Reservoir                                            | Ac-Ft   | 436      | E              |
| Irrigation System, Microirrigation                              | Ac.     | 441      | PE             |
| Irrigation System, Tailwater Recovery                           | No.     | 447      | E              |
| Irrigation Water Management                                     | Ac.     | 449      | NE             |
| Karst Sinkhole Treatment                                        | No.     | 527      | NE             |
| Land Clearing                                                   | Ac.     | 460      | E              |
| Land Reclamation, Abandoned Mined Land                          | Ac.     | 543      | NE             |
| Land Reclamation, Currently Mined Land                          | Ac.     | 544      | NE             |
| Land Reclamation, Landslide Treatment                           | No./Ac  | 453      | PE             |
| Land Reclamation, Toxic Discharge Control                       | No.     | 455      | E <sup>1</sup> |
| Lighting System Improvement                                     | No.     | 670      | NE             |
| Lined Waterway or Outlet                                        | Ft.     | 468      | PE             |
| Livestock Pipeline                                              | Ft.     | 516      | PE             |
| Livestock Shelter Structure                                     | No.     | 576      | NE             |
| Mine Shaft and Adit Closing                                     | No.     | 457      | NE             |
| Monitoring Well                                                 | No.     | 353      | PE             |
| Mulching                                                        | Ac.     | 484      | NE             |
| Multi-Story Cropping                                            | Ac.     | 379      | NE             |
| Nutrient Management                                             | Ac.     | 590      | NE             |
| Obstruction Removal                                             | Ac.     | 500      | E              |
| Open Channel                                                    | Ft.     | 582      | PE             |
| Pest Management Conservation System                             | Ac.     | 595      | NE             |
| Pond                                                            | No.     | 378      | E              |
| Pond Sealing or Lining – Compacted Soil                         | No.     | 520      | NE             |
| Pond Sealing or Lining – Concrete                               | No.     | 522      | NE             |
| Pond Sealing or Lining – Geomembrane or Geosynthetic Clay Liner | No.     | 521      | NE             |

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|-----------------------------------------------------------|---------|----------|----|
| Prescribed Burning                                        | Ac.     | 338      | NE |
| Prescribed Grazing                                        | Ac.     | 528      | NE |
| Pumping Plant                                             | No.     | 533      | PE |
| Renewable Energy System                                   | No.     | 716      | E  |
| Residue and Tillage Management, Reduced Till              | Ac.     | 345      | NE |
| Residue and Tillage Management, No-Till                   | Ac.     | 329      | NE |
| Restoration and Management of Rare and Declining Habitats | Ac.     | 643      | PE |
| Riparian Forest Buffer                                    | Ac.     | 391      | NE |
| Riparian Herbaceous Cover                                 | Ac.     | 390      | NE |
| Road/Trail/Landing Closure and Treatment                  | Ft.     | 654      | PE |
| Roof Runoff Structure                                     | No.     | 558      | PE |
| Roofs and Covers                                          | No.     | 367      | PE |
| Sediment Basin                                            | No.     | 350      | E  |
| Shallow Water Development and Management                  | Ac.     | 646      | E  |
| Short Term Storage of Animal Waste and Byproducts         | Cu. Yd. | 318      | PE |
| Spring Development                                        | No.     | 574      | E  |
| Sprinkler System                                          | Ac.     | 442      | PE |
| Stormwater Runoff Control                                 | No./Ac. | 570      | PE |
| Stream Crossing                                           | No.     | 578      | PE |
| Stream Habitat Improvement & Management                   | Ac.     | 395      | NE |
| Streambank and Shoreline Protection                       | Ft.     | 580      | PE |
| Stripcropping                                             | Ac.     | 585      | NE |
| Structure for Water Control                               | No.     | 587      | PE |
| Structures for Wildlife                                   | No.     | 649      | NE |
| Subsurface Drain                                          | Ft.     | 606      | E  |
| Surface Drain, Field Ditch                                | Ft.     | 607      | PE |
| Surface Drain, Main or Lateral                            | Ft.     | 608      | E  |
| Terrace                                                   | Ft.     | 600      | PE |
| Trails and Walkways                                       | Ft.     | 575      | PE |
| Tree/Shrub Establishment                                  | Ac.     | 612      | NE |
| Tree/Shrub Site Preparation                               | Ac.     | 490      | PE |
| Tree/Shrub Pruning                                        | Ac.     | 660      | NE |
| Underground Outlet                                        | Ft.     | 620      | E  |
| Upland Wildlife Habitat Management                        | Ac.     | 645      | NE |
| Vegetated Treatment Area                                  | Ac.     | 635      | PE |
| Waste Gasification Facility                               | No.     | 735      | E  |
| Waste Facility Closure                                    | No.     | 360      | PG |
| Waste Recycling                                           | Ac.     | 633      | NE |
| Waste Separation Facility                                 | No.     | 632      | E  |

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|-------------------------------------|------|----------|----------------|
| Waste Storage Facility              | No.  | 313      | E <sup>2</sup> |
| Waste Transfer                      | Ac.  | 634      | PE             |
| Waste Treatment                     | No.  | 629      | NE             |
| Waste Treatment Lagoon              | No.  | 359      | E              |
| Water and Sediment Control Basin    | Ft.  | 638      | E              |
| Water Well                          | No.  | 642      | PE             |
| Watering Facility                   | No.  | 614      | PE             |
| Well Decommissioning                | No.  | 351      | NE             |
| Wetland Creation                    | Ac.  | 658      | E              |
| Wetland Enhancement                 | Ac.  | 659      | PE             |
| Wetland Restoration                 | Ac.  | 657      | E              |
| Wetland Wildlife Habitat Management | Ac.  | 644      | PE             |
| Windbreak/Shelterbelt Establishment | Ft.  | 380      | NE             |
| Woody Residue Treatment             | Ac.  | 384      | NE             |

<sup>1</sup> Requires consultation with PA-SHPO

<sup>2</sup> Roofed waste storage structures require consultation with PA-SHPO when installed within a farmstead with buildings over 50 years old.