

**2015 Arkansas (CPPE)  
Conservation Physical Effects  
for  
Air Quality**

	Emissions of Particulate Matter (PM) and PM Precursors	Emissions of Ozone Precursors	Emissions of Greenhouse Gases (GHGs)	Objectionable Odors
Access Control 472	2	1	1	0
Access Road 560	0	0	0	0
Agrichemical Handling Facility 309	1	1	0	0
Alley Cropping 311	2	0	2	0
Amendments for Treatment of Agricultural Waste 591	3	1	1	4
Anaerobic Digester 366	0	1	4	5
Animal Mortality Facility 316	0	-1	1	3
Animal Trails and Walkways 575	0	0	0	0
Anionic Polyacrylamide (PAM) Erosion Control 450	2	0	0	0
Aquaculture Ponds 397	0	0	0	0
Bedding 310	-1	-1	-1	0
Brush Management 314	0	0	0	0
Channel Bed Stabilization 584	0	0	0	0
Clearing & Snagging 326	0	0	0	0
Combustion System Improvement 372	4	4	2	0
Composting Facility 317	1	1	1	3

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Conservation Cover 327	2	1	4	0
Conservation Crop Rotation 328	2	0	1	0
Constructed Wetland 656	0	0	1	-1
Contour Buffer Strips 332	1	0	1	0
Contour Farming 330	0	0	0	0
Contour Orchard and Other Perennial Crops 331	0	0	1	0
Cover Crop 340	3	0	2	0
Critical Area Planting 342	2	0	1	0
Cross Wind Ridges 588	2	0	0	0
Dam 402	0	0	0	0
Deep Tillage 324	-2	-1	-1	0
Dike 356	0	0	0	0
Diversion 362	0	0	0	0
Drainage Water Management 554	2	0	1	0
Dry Hydrant 432	0	0	0	0
Early Successional Habitat Development/Mgt. 647	0	0	0	0

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Farmstead Energy Improvement 374	2	2	2	0
Feed Management 592	4	1	4	4
Fence 382	0	0	1	0
Field Border 386	1	0	1	0
Filter Strip 393	1	0	1	0
Firebreak 394	1	1	1	0
Fishpond Management 399	0	0	0	0
Forage and Biomass Planting 512	0	0	4	0
Forage Harvest Management 511	0	0	0	0
Forest Stand Improvement 666	1	1	4	0
Forest Trails and Landings 655	0	0	0	0
Fuel Break 383	1	1	1	0
Grade Stabilization Structure 410	0	0	0	0
Grassed Waterway 412	0	0	1	0
Grazing Land Mechanical Treatment 548	-1	0	-2	0
Heavy Use Area Protection 561	0	0	0	0

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Hedgerow Planting 422	2	0	1	2
Herbaceous Weed Control 315	0	0	0	0
Herbaceous Wind Barriers 603	2	0	2	0
Integrated Pest Management 595	2	2	0	0
Irrigation Canal or Lateral 320	0	0	0	0
Irrigation Ditch Lining 428	0	0	0	0
Irrigation Field Ditch 388	0	0	0	0
Irrigation Land Leveling 464	0	0	0	0
Irrigation Pipeline 430	0	0	0	0
Irrigation Reservoir 436	0	0	0	0
Irrigation System, Microirrigation 441	1	0	1	0
Irrigation System, Sprinkler 442	2	0	1	0
Irrigation System, Surface & Subsurface 443	1	0	1	0
Irrigation System, Tailwater Recovery 447	0	0	0	0
Irrigation Water Management 449	2	0	2	0
Karst Sinkhole Treatment 527	0	0	0	0

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Land Clearing 460	0	0	-1	0
Land Reclamation, Abandoned Mined Land 543	1	0	1	0
Land Reclamation, Landslide Treatment 453	0	0	0	0
Land Smoothing 466	-1	0	-1	0
Lined Waterway or Outlet 468	0	0	0	0
Livestock Pipeline 516	0	0	0	0
Livestock Shelter Structure 576	0	0	0	0
Mulching 484	2	0	0	0
Nutrient Management 590	3	2	4	4
Open Channel 582	0	0	0	0
Pond 378	0	0	0	0
Pond Sealing or Lining, Bentonite Sealant 521C	0	0	0	0
Pond Sealing or Lining, Compacted Clay Treatment 521D	0	0	0	0
Pond Sealing or Lining, Flexible Membrane 521A	0	0	0	0
Pond Sealing or Lining, Soil Dispersant 521B	0	0	0	0
Precision Land Forming 462	0	0	-1	0

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Prescribed Burning 338	0	0	1	-1
Prescribed Grazing 528	2	0	1	1
Pumping Plant 533	2	2	2	0
Residue and Tillage Management, No Till 329	4	2	4	0
Residue and Tillage Management, Reduced Till 345	4	1	3	0
Residue and Tillage Management, Ridge Till 346	0	0	0	0
Residue Management, Seasonal 344	0	0	0	0
Restoration and Management of Rare or Declining Habitats 643	0	0	1	0
Riparian Forest Buffer 391	2	0	3	1
Riparian Herbaceous Cover 390	1	0	2	0
Roof Runoff Structure 558	0	0	0	0
Roofs and Covers 367	2	1	4	4
Row Arrangement 557	0	0	0	0
Seasonal Tunnel System for Crops 798	1	0	-1	0
Sediment Basin 350	0	0	0	0
Shallow Water Development and Management 646	0	0	0	0

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Silvopasture Establishment 381	1	0	4	1
Solid/Liquid Waste Separation Facility 632	1	2	1	4
Spoil Spreading 572	0	0	0	0
Spring Development 574	0	0	0	0
Stream Crossing 578	0	0	0	0
Stream Habitat Improvement and Management 395	0	0	1	0
Streambank and Shoreline Protection 580	0	0	1	0
Stripcropping 585	2	0	0	0
Structure for Water Control 587	0	0	0	0
Subsurface Drain 606	0	0	0	0
Surface Drainage, Field Ditch 607	0	0	0	0
Surface Drainage, Main or Lateral 608	0	0	0	0
Surface Roughening 609	2	0	-1	0
Terrace 600	0	0	0	0
Tree/Shrub Establishment 612	1	0	5	2
Tree/Shrub Pruning 660	0	0	0	0

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Tree/Shrub Site Preparation 490	0	0	3	0
Underground Outlet 620	0	0	0	0
Upland Wildlife Habitat Management 645	2	0	2	0
Vegetated Treatment Area 635	0	0	1	2
Vegetative Barrier 601	2	0	1	0
Waste Facility Closure 360	1	1	3	2
Waste Recycling 633	0	0	0	0
Waste Storage Facility 313	-1	-1	-1	-2
Waste Transfer 634	1	1	0	-1
Waste Treatment 629	1	1	1	4
Waste Treatment Lagoon 359	0	1	-3	-2
Water and Sediment Control Basin 638	0	0	0	0
Water Well 642	0	0	0	0
Water Well Decommissioning 351	0	0	0	0
Watering Facility 614	0	0	0	0
Wetland Creation 658	0	0	1	-1

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Wetland Enhancement 659	0	0	1	-1
Wetland Restoration 657	0	0	1	-1
Wetland Wildlife Habitat Management 644	0	0	1	-1
Windbreak/Shelterbelt Establishment 380	4	0	4	4
Windbreak/Shelterbelt Renovation 650	3	0	1	2
Woody Residue Treatment 384	1	1	2	0
Lighting System Improvement 670	0	0	0	0
Building Envelope Improvement 672	2	2	2	0