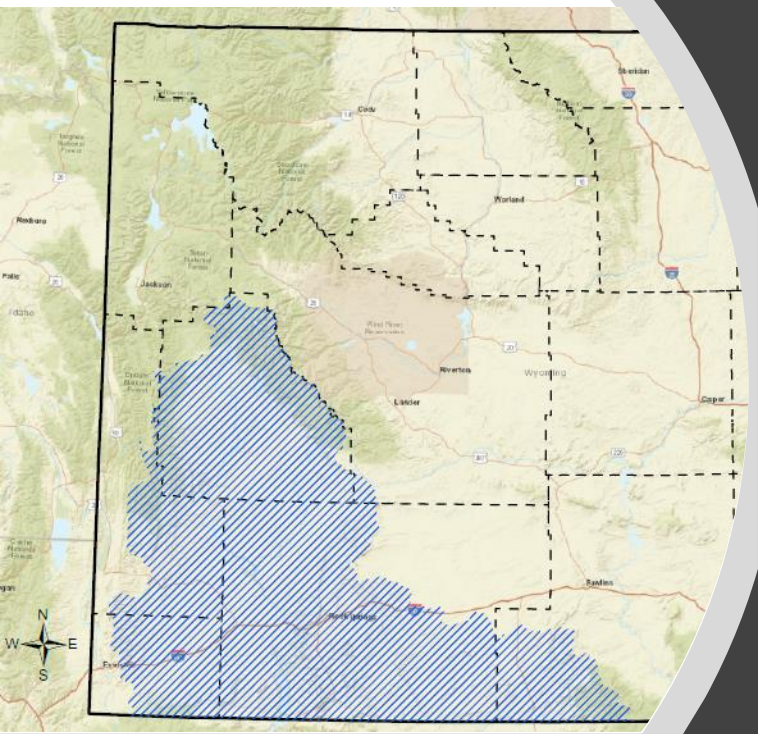
USDA Natural Resources Conservation Service
U.S. DEPARTMENT OF AGRICULTURE

PARTNERS

WYOMING WATER DEVELOPMENT

Upper Colorado River Basin in Wyoming



Regional Conservation Partnership Program (RCPP)

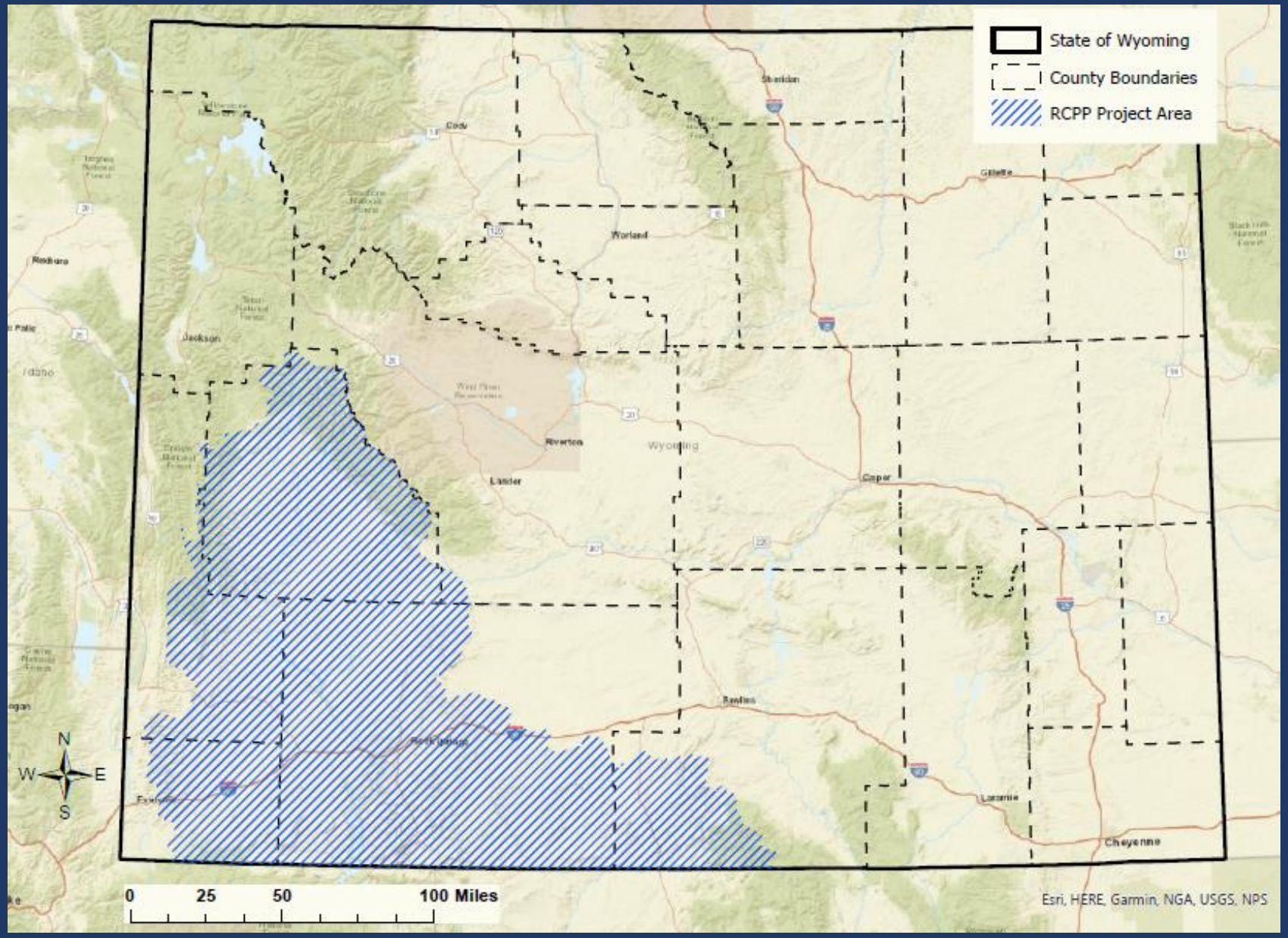
Regional Conservation Partnership Program 2023 Awarded Projects

Wyoming's Upper Colorado River Basin Water Efficiency and Conservation Projects

Lead Partner: Wyoming Water Development Commission
Project Type: Classic
Funding Pool: CCA
CCA (if Applicable): Colorado River Basin
Lead State: WY
Total Funding Request: $25,000,000.00

The Colorado River Basin is experiencing unprecedented water supply deficits due to historic drought conditions brought on by climate change. The Wyoming's Upper Colorado River Basin Water Efficiency and Conservation Project will implement NRCS practices such as converting open canals to pipe, improving diversions, or lining conveyances on a wide scale to improve efficiency and provide drought resiliency through improved water-use efficiency, decreased system water losses, and improved water management. Collectively these activities will preserve the viability of local economies, enhance watershed health, provide long-term durable system efficiency projects, create resilience to drought, and expand the efforts within the entire Colorado River Basin Critical Conservation Area to implement multi-year reductions in use or demand for water supplies.

Upper Colorado River Basin in Wyoming



RCPP PARTNERS

USDA Natural Resources Conservation Service
U.S. DEPARTMENT OF AGRICULTURE

WYOMING WATER DEVELOPMENT

Wyoming Game and Fish Department

TROUT UNLIMITED

The Nature Conservancy

Sublette County Conservation District

Uinta County Conservation District

Savery - Little Snake River Water Conservancy

Little Snake River Conservation District

SARATOGA-ENCAMPMENT-RAWLINS CONSERVATION DISTRICT

LINCOLN CONSERVATION DISTRICT

SWEETWATER COUNTY CONSERVATION DISTRICT

USDA Natural Resources Conservation Service
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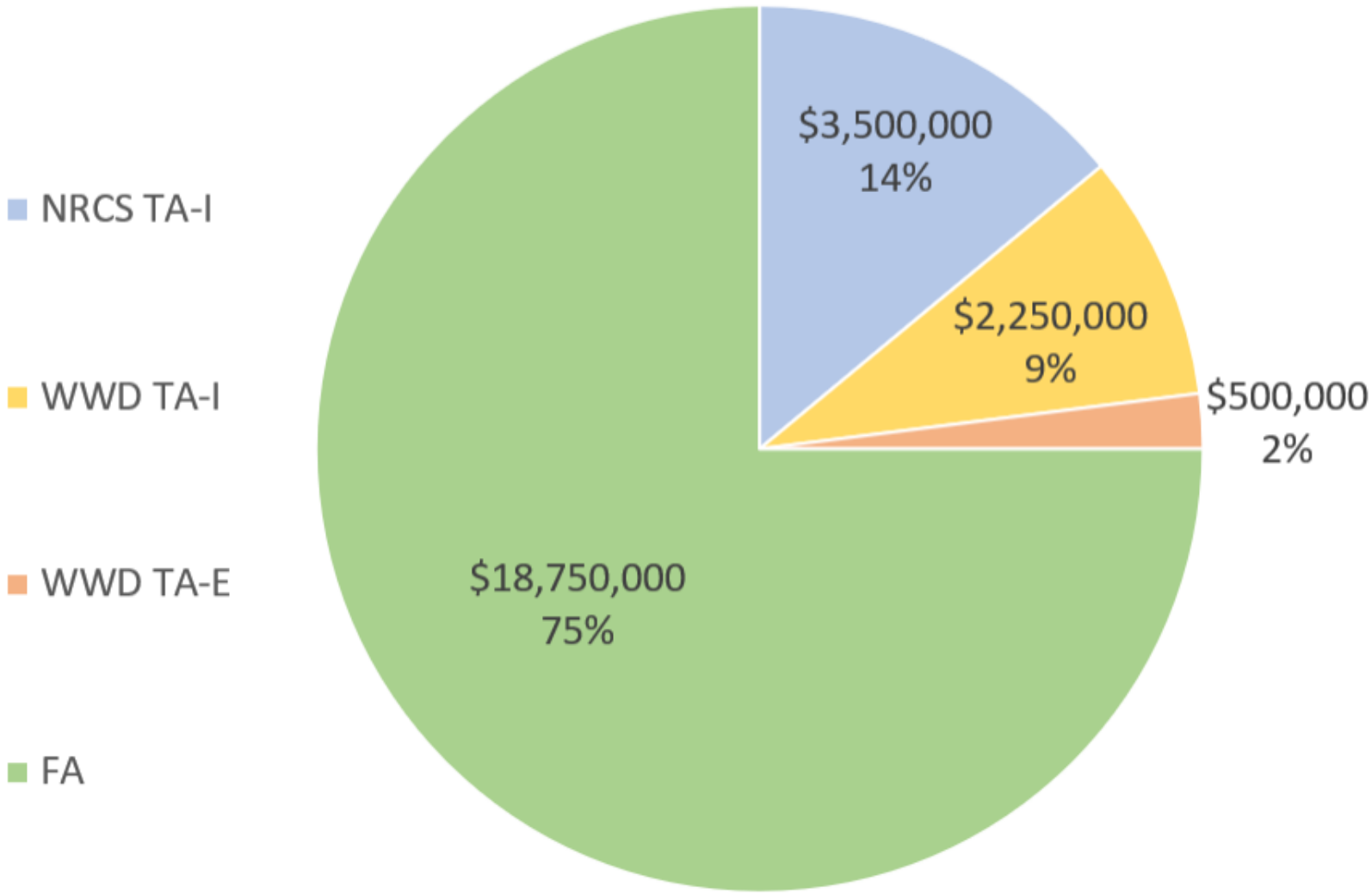
RCPP #3207

- Programmatic Partnership Agreement (PPA) between NRCS & WWD to establish roles and responsibilities (effective *5/23/24 to 5/22/2029)*
- Supplemental Agreement (SA) obligates grant funds for categories below

- Technical Assistance (TA) - grant funds toward NRCS & WWD efforts

- Financial Assistance (FA) - grant funds toward on-the-ground projects by calendar year: 2025 ($4M), 2026 ($6M), 2027 ($6M), and 2028 ($2.75M)

$25,000,000 RCPP Award



RCPP #3207
OBJECTIVE:

"…*provide drought resiliency through improved water-use efficiency, decreased system water losses, and improved water management*."

CONSERVATION OUTCOMES:

- *Drought Resilience*
- *Optimize Productivity of Irrigated Lands*
- *Optimize Livestock Water*
- *Resilient Aquatic Ecosystems*

NRCS Primary Practices

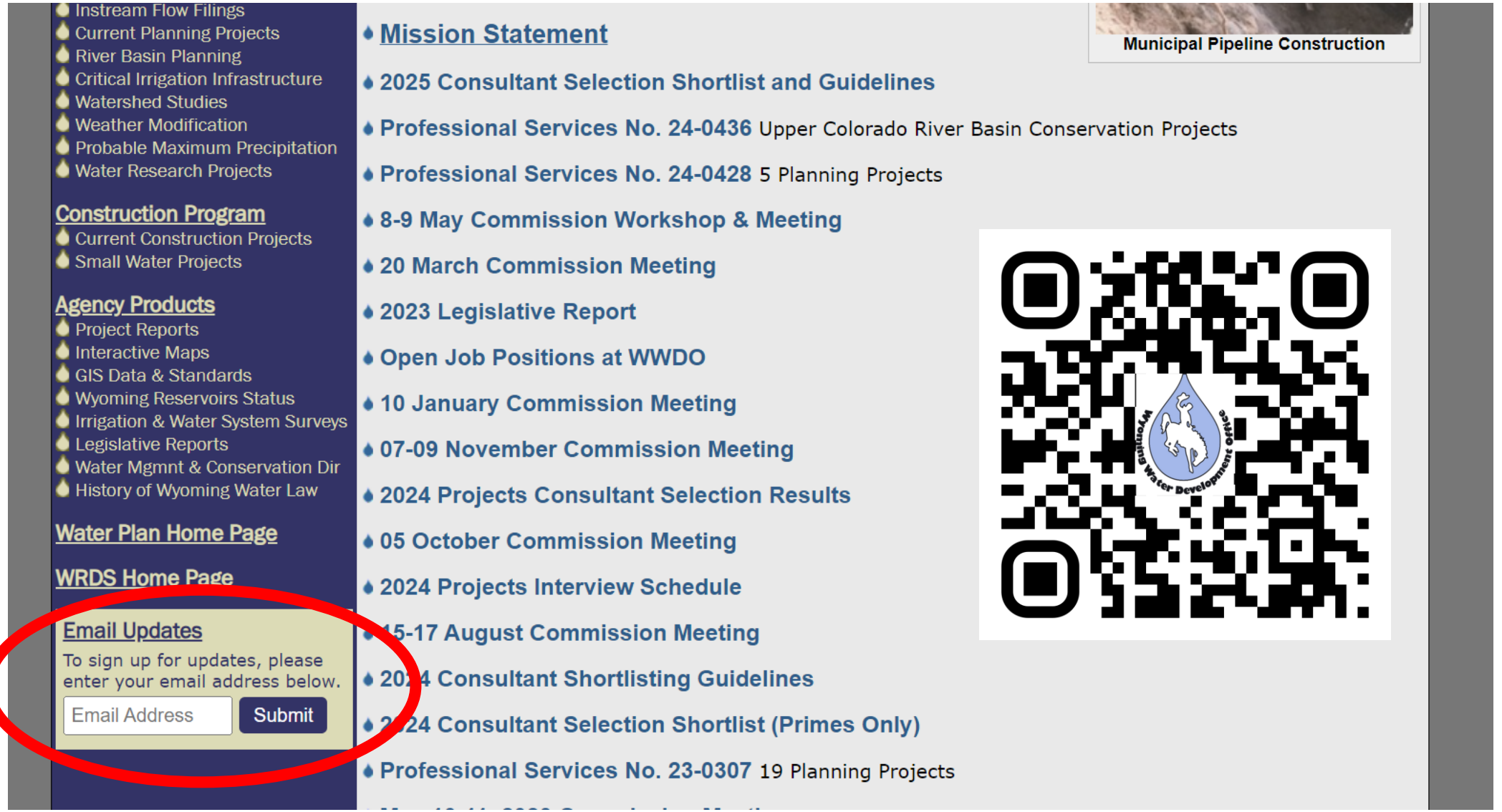
#320 - Irrigation Canal or Lateral
#340 - Cover Crop
#342 - Critical Area Planting
#348 - Dam, Diversion
#356 - Dike or Levee
#362 – Diversion
#374 – Farmstead Energy Improvement (telemetry/SCADA)
#378 - Pond
#388 - Irrigation Field Ditch
#395 - Stream Habitat Improvement and Management
#396 - Aquatic Organism Passage
#402 - Dam
#412 - Grassed Waterway
#428 - Irrigation Ditch Lining
#430 - Irrigation Pipeline
#436 - Irrigation Reservoir
#442 - Sprinkler System
#443 - Irrigation System, Surface and Subsurface
#447 - Irrigation and Drainage Tailwater Recovery
#449 - Irrigation Water Management
#450 - Anionic Polyacrylamide (PAM) Application
#464 - Irrigation Land Leveling
#468 - Lined Waterway or Outlet
#512 - Pasture and Hay Planting
#516 - Livestock Pipeline
#520 - Pond Sealing or Lining, Compacted Soil Treatment
#521 - Pond Sealing or Lining – Geomembrane or Geosynthetic Clay Liner
#522 - Pond Sealing or Lining, Concrete
#533 - Pumping Plant
#554 - Drainage Water Management
#574 - Spring Development
#580 - Streambank and Shoreline Protection
#582 - Open Channel
#584 - Channel Bed Stabilization
#587 - Structure for Surface Water Control
#606 - Subsurface Drain
#607 - Surface Drain, Field Ditch
#608 - Surface Drain Main or Lateral
#610 - Salinity and Sodic Soil Management
#614 - Watering Facility
#636 - Water Harvesting Catchment
#642 - Water Well
#643 - Restoration of Rare or Declining Natural Communities
#645 - Upland Wildlife Habitat Management
#649 - Structures for Wildlife
#658 - Wetland Creation
#659 - Wetland Enhancement

NRCS Commonly Associated Practices

only if necessary for implementing primary practice(s)

#314 - Brush Management
#326 - Clearing and Snagging
#327 - Conservation Cover
#338 - Prescribed Burning
#382 - Fence
#390 - Riparian Herbaceous Cover
#391 - Riparian Forest Buffer
#410 - Grade Stabilization Structure
#420 - Wildlife Habitat Planting
#472 - Access Control
#500 - Obstruction Removal
#528 - Prescribed Grazing
#560 - Access Road
#561 - Heavy Use Area Protection
#575 - Trails and Walkways
#578 - Stream Crossing
#600 - Terrace
#612 - Tree/Shrub Establishment
#644 - Wetland Wildlife Habitat Management
#647 - Early Successional Habitat Development/Management

https://wwdc.state.wy.us/



QUESTIONS?

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