

## Supporting Data Required for Documentation and Certification

Supporting data include those features of a practice that can be measured, surveyed, tested, or observed. The completed work is to be checked against the plans and specifications or other requirements to insure a satisfactory job. Check notes or observations become part of the supporting data along with previous planning, layout, or documentation records.

Supporting data should be sufficient to show that the installation meets standards and specifications. The following is a listing of commonly used Conservation Practices and the minimum supporting data requirements for documentation and certification. Similar data is needed for comparable practices. Additional documentation requirements may be contained in the individual conservation practice standards.

When used for contract payment certification, as-built drawings shall include a list of the verified contract quantities approved for payment.

Conservation Practice	Minimum Supporting Data Required for Documentation and Certification
All Engineering Practices	<ul style="list-style-type: none"> <li>• Location identification</li> <li>• Construction inspection records, if applicable</li> <li>• Material testing or certification records, if applicable</li> <li>• Verification of contracting and reporting units</li> <li>• As-built records</li> </ul>
Access Road (560)	<ul style="list-style-type: none"> <li>• Length and width</li> <li>• Adequacy of surface treatment</li> <li>• Profile and alignment, if applicable</li> <li>• Adequacy of appurtenances for safety, drainage, and erosion, if applicable</li> </ul>
Agrichemical Handling Facility (309) Composting Facility (317) Animal Mortality Facility (316)	<ul style="list-style-type: none"> <li>• Measurements of completed structure</li> <li>• Adequacy of surface treatment</li> <li>• Certification of building and/or roof by PE or local building code official, if applicable</li> <li>• Adequacy of appurtenances for safety, storage, and runoff management, if applicable</li> </ul>
Trails and Walkways (575)	<ul style="list-style-type: none"> <li>• Length and width</li> <li>• Adequacy of surface treatment, if applicable</li> </ul>
Closure of Waste Impoundments (360) Karst Sinkhole Treatment (527)	<ul style="list-style-type: none"> <li>• Location of treated area</li> <li>• Identification of buried materials, if applicable</li> <li>• Adequacy of vegetation, if applicable</li> </ul>
Obstruction Removal (500)	
Constructed Wetland (656)	<ul style="list-style-type: none"> <li>• Measurements of completed structures and fills</li> <li>• Measurements of impoundment area</li> <li>• Adequacy of vegetation</li> </ul>

Dike (356)	<ul style="list-style-type: none"> <li>• Hazard classification, including rationale</li> <li>• Profile and cross section of embankment</li> <li>• Pipe size, length, elevations, and appurtenances</li> <li>• Adequacy of vegetation</li> </ul>
Diversion (362)	<ul style="list-style-type: none"> <li>• Profile of channel and ridge</li> <li>• Cross section</li> <li>• Outlet conditions</li> <li>• Adequacy of vegetation</li> </ul>
Dry Hydrant (432)	<ul style="list-style-type: none"> <li>• Measurements and elevations of completed structure</li> <li>• Adequacy of access and approval letter</li> <li>• Testing or certification by fire official, if specified</li> </ul>
Grade Stabilization Structure (410)	<ul style="list-style-type: none"> <li>• Measurements and elevation of completed structure</li> <li>• Cross section and profile, if applicable</li> <li>• Type and quality of materials</li> <li>• Adequacy of vegetation</li> </ul>
Grassed Waterway (412)	<ul style="list-style-type: none"> <li>• Profile and cross section</li> <li>• Outlet conditions</li> <li>• Adequacy of vegetation</li> <li>• Location and dimensions of drainage measures (stone center, sub-surface drain), stabilized transitions, and crossings, if applicable</li> </ul>
Farmstead Energy Improvement (374) Building Envelope Improvement (672) Lighting System Improvement (670)	<ul style="list-style-type: none"> <li>• Location of energy improvements</li> <li>• Verification of audit recommended devices or treatments</li> <li>• Documentation of expected energy savings</li> </ul>
Heavy Use Area Protection (561)	<ul style="list-style-type: none"> <li>• Measurements of treated area</li> <li>• Adequacy of surface treatment</li> <li>• Certification of roof by PE or local building code official, if applicable</li> <li>• Adequacy of appurtenances for runoff management, if applicable</li> </ul>
Irrigation Canal or Lateral (320) Irrigation Field Ditch (388) Surface Drainage, Field Ditch (607) Surface Drainage, Main or Lateral (606)	<ul style="list-style-type: none"> <li>• Grade and cross section</li> <li>• Spoil treatment</li> <li>• Adequacy of vegetation, if applicable</li> <li>• Location and dimensions of crossings, if applicable</li> </ul>

<p>Irrigation Land Leveling (464)</p> <p>Land Smoothing (466)</p> <p>Precision Land Forming (462)</p>	<ul style="list-style-type: none"> <li>• Measurements of treated area</li> <li>• Field gradient or finish elevations</li> <li>• Cut and fill quantities, if needed</li> </ul>
<p>Irrigation Reservoir, Excavated (436)</p> <p>Pond-Excavated (378)</p>	<ul style="list-style-type: none"> <li>• Measurements of completed structures and fills</li> <li>• Measurements of impoundment area</li> <li>• Adequacy of vegetation</li> <li>• Spoil treatment</li> </ul>
<p>Irrigation System, Microirrigation (441)</p> <p>Sprinkler System, (442)</p>	<ul style="list-style-type: none"> <li>• Location of installed components</li> <li>• Verification of materials (emitter type, nozzle size, pipe rating, etc)</li> <li>• Measurements of irrigated area</li> </ul>
<p>Irrigation System, Tailwater Recovery (447)</p>	<ul style="list-style-type: none"> <li>• Location of installed components</li> <li>• Verification of materials</li> <li>• Storage facility (if applicable): measurements and elevation of completed structures and fills, adequacy of liner</li> </ul>
<p>Irrigation Pipeline (430)</p> <p>Livestock Pipeline (516)</p>	<ul style="list-style-type: none"> <li>• Length of lines by size, kind, and class of pipe</li> <li>• Depth of cover</li> <li>• Location and size of stands and risers</li> <li>• Location of checks, air release valves, vents, checks, pressure relief valves, and other system components</li> <li>• Thrust block locations</li> <li>• Pressure test results, where specified</li> </ul>
<p>Irrigation Water Management (449)</p>	<ul style="list-style-type: none"> <li>• Location of installed IWM components</li> <li>• Scheduling records (rainfall, soil moisture, etc)</li> <li>• Water use records</li> <li>• Applied area</li> </ul>
<p>Lined Waterway or Outlet (468)</p>	<ul style="list-style-type: none"> <li>• Profile and cross section</li> <li>• Lining thickness and adequacy of materials</li> </ul>
<p>Waste Transfer (634)</p>	<ul style="list-style-type: none"> <li>• Location of components</li> <li>• Measurements and elevations of completed structures, conduits, and pipelines</li> <li>• Type and capacity of installed equipment</li> <li>• Adequacy of safety devices and signage</li> </ul>
<p>Monitoring Well (353)</p> <p>Water Well Decommissioning (351)</p>	<ul style="list-style-type: none"> <li>• Location, depth, dimension, and materials used</li> <li>• Well Driller's report</li> </ul>

Pond-Embankment (378)	<ul style="list-style-type: none"> <li>• Hazard classification including rationale</li> <li>• Profile and cross section of embankment and earth spillway</li> <li>• Principal spillway size, dimensions and elevations</li> <li>• Pipe appurtenances</li> <li>• Depth and area of pool</li> <li>• Yardage computations, if needed</li> <li>• Adequacy of vegetation</li> <li>• Operation of drains and gates</li> </ul>
Pond Sealing or Lining, Flexible Membrane (521A) Soil Dispersant Treatment (521B) Bentonite Treatment (521C)	<ul style="list-style-type: none"> <li>• Area lined or treated</li> <li>• Type and quantity of material used</li> <li>• Installer certification (flexible liners only)</li> <li>• Adequacy of appurtenances (vents, drains, liner protection, etc), if applicable</li> </ul>
Pumping Plant (533)	<ul style="list-style-type: none"> <li>• Measurements and elevations of completed structures</li> <li>• Type and capacity of installed equipment</li> <li>• Installer certification or test results, if specified</li> </ul>
Roof Runoff Structure (558)	<ul style="list-style-type: none"> <li>• Type, length, and dimensions of materials used</li> <li>• Adequacy of supports and fasteners</li> <li>• Adequacy of outlets</li> </ul>
Row Arrangement (557)  Bedding (310)	<ul style="list-style-type: none"> <li>• Area treated</li> </ul>
Stormwater Runoff Control (570)	<ul style="list-style-type: none"> <li>• Measurements and elevations of completed structures</li> <li>• Type and quality of materials</li> <li>• Adequacy of monitoring or safety devices, if applicable</li> </ul>
Sediment Basin (350)  Water and Sediment Control Basin (638)	<ul style="list-style-type: none"> <li>• Profile and cross section of embankment</li> <li>• Principal spillway size, dimensions and elevations</li> <li>• Pipe appurtenances</li> <li>• Depth and area of pool</li> <li>• Adequacy of vegetation</li> </ul>
Spoil Spreading (572)	<ul style="list-style-type: none"> <li>• Area and depth of spreading</li> <li>• Adequacy of vegetation, if applicable</li> </ul>
Spring Development	<ul style="list-style-type: none"> <li>• Dimensions and elevations of collection system</li> <li>• Type and quality of materials</li> <li>• Adequacy of yield</li> </ul>
Streambank and Shoreline Protection (560)	<ul style="list-style-type: none"> <li>• Type and extent of stabilization measures</li> <li>• Cross section and profile, if applicable</li> <li>• Type and quality of materials (structural and vegetative)</li> <li>• Structure dimensions and elevations, if applicable</li> <li>• Adequacy of vegetation</li> </ul>

Stream Crossing (578) Structure for Water Control (587)	<ul style="list-style-type: none"> <li>• Measurements and elevation of completed structure</li> <li>• Cross section and profile, if applicable</li> <li>• Type and quality of materials</li> <li>• Adequacy of vegetation</li> </ul>
Subsurface Drain (606)	<ul style="list-style-type: none"> <li>• Length by size and kind of pipe</li> <li>• Location and dimension of structures, if applicable</li> <li>• Filter, envelop and bedding type</li> <li>• Outlet elevation and protection (animal guard)</li> </ul>
Terrace (600)	<ul style="list-style-type: none"> <li>• Profile of channel and ridge</li> <li>• Cross section</li> <li>• Adequacy of spacing</li> <li>• Type and adequacy of outlet</li> <li>• Adequacy of vegetation, if applicable</li> </ul>
Underground Outlet (620)	<ul style="list-style-type: none"> <li>• Type, length and size of pipe</li> <li>• Pipe invert elevations</li> <li>• Adequacy of appurtenances (inlet and outlet protection)</li> </ul>
Roofs and Cover (367)	<ul style="list-style-type: none"> <li>• Measurements of completed structure</li> <li>• Manufacturer certifications, if applicable</li> <li>• Certification of roof by PE or local building code official, if applicable</li> <li>• Adequacy of appurtenances for safety and runoff management, if applicable</li> </ul>
Waste Storage Facility (313) Waste Separation Facility (632) Air Filtration and Scrubbing (371)	<ul style="list-style-type: none"> <li>• Measurements of completed facility</li> <li>• Elevations and cross section of embankment or fills</li> <li>• Type and quality of materials</li> <li>• Structure dimensions</li> <li>• Supplier or installer certifications, if applicable</li> <li>• Adequacy of safety devices and signage</li> <li>• Adequacy of vegetation</li> </ul>
Vegetated Treatment Area (635)	<ul style="list-style-type: none"> <li>• Dimensions and grade of treatment area</li> <li>• Adequacy of vegetation</li> <li>• Measurements and adequacy of distribution system, if applicable</li> <li>• Adequacy of appurtenances for runoff control or wastewater collection, if applicable</li> </ul>
Watering Facility (614)	<ul style="list-style-type: none"> <li>• Type and capacity</li> <li>• Adequacy of appurtenances for water delivery, water level control and freeze protection, if applicable</li> <li>• Adequacy of location</li> </ul>
Water Well (642)	<ul style="list-style-type: none"> <li>• Location, depth, dimension, and materials used</li> <li>• Well Driller's report</li> <li>• Yield</li> </ul>