



Summary of Constructed Practices

Note: This is a generalized list and specific requirements are determined with a site investigation and practice design.

Type	NRCS Code	Purpose	Limiting ⁴ Factors	Components ³	Equipment Required	Materials Required	Keys to Success	Estimated Total Cost ¹
Pond	378	Livestock water Fish Recreation Irrigation	% clay in soil Soil type Water volume	Earth embankment Pipe outlet Pipe inlet Spillway	Dozer Scraper	Cut-off collars Pipe outlet	Dam compaction	\$2.75 ² per cubic yard
Spring Development	574	Livestock water Irrigation	Water source	Collection source tile line Trough/tank Pipeline	Back hoe Dozer	Collection tank	Location of water	\$1,250 ² per each
Terrace	600	Water conservation OR Water removal	Depth of soil Soil type % slope	Earth berm Riser/tile outlet ¹	Scraper Road grader Dozer	Riser Tile	Compaction Moisture	\$1.40 ² per foot
Gully Plug	638	Prevent gully erosion Water removal	Depth of soil % slope	Earth berm Riser	Scraper Dozer	Riser Tile line	Berm compaction Side-slope	\$800 ² per each
Sediment Basin	350	Trap sediment Improve water quality	Depth of soil Soil type	Earth berm Riser (optional) Spillway	Scraper Dozer Back hoe	Riser Tile line Tile connectors	Berm compaction Side-slope	\$2.20 ² per cubic yard
Waterway	412	Prevent gully erosion Provide stable channel for water removal from field, Water removal	Depth of soil % slope	Graded channel Tile ¹ Grass	Scraper Road grader Dozer	Tile (optional)	Grass establish-ment Proper channel depth	\$1.40 ² per foot

¹These components are optional depending on the type of design.

² Unit costs are based on the EQIP Cost Share List March 2009.

³ Components may vary depending on the site, producer preference, and specific design.

⁴ Limiting factors are guidelines to determine the proper practice to use for the identified problem.

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