

Sugar Creek Watershed Cost List PL-534 Flood Prevention Operations (FPO)

Practice Code	Practice Name	Component (Component Code)	Units	Cost Per Unit	Cost Share Type	Cost Share Rate
342	CRITICAL AREA PLANTING					
		Bermudagrass Mulch Sod (GBGMS)	SY	\$1.00	AC	65%
		Bermudagrass Solid Sod (GBGSS)	SY	\$4.90	AC	65%
		Bermudagrass Sprigging - CA (GBGSA)	AC	\$90.00	AC	65%
		Erosion Control Blanket (ECB)	SY	\$1.25	AC	65%
		Guymon or Wrangler Bermudagrass CA (GGBGA)	AC	\$114.00	AC	65%
		Native Grass Mixture CA (GNMA)	AC	\$73.00	AC	65%
		Old World Bluestem CA (GOWBA)	AC	\$64.00	AC	65%
		Shaping and Filling Gullies (GFS)	AC	\$500.00	AC	65%
		Trees &/or Shrubs-barerooted (TSB)	EACH	\$0.80	AC	65%
		Vegetation <1 acre (VEG)	ITEM	\$175.00	AC	65%
		Weeping Lovegrass CA (GLGA)	AC	\$29.50	AC	65%
		Western Wheatgrass CA (GWWGA)	AC	\$80.00	AC	65%
350	SEDIMENT BASIN					
		Anti-vortex Baffle (AVB)	SF	\$3.55	AC	65%
		Barrel &/or Riser-Aluminized<=12ga (BRA12)	DIFT	\$2.15	AC	65%
		Barrel &/or Riser-Aluminized>=14ga (BRA14)	DIFT	\$1.88	AC	65%
		Barrel &/or Riser-Plastic (BRP)	DIFT	\$0.86	AC	65%
		Barrel &/or Riser-Polymer coated<=12ga (BRC12)	DIFT	\$2.67	AC	65%
		Barrel &/or Riser-Polymer coated>=14ga (BRC14)	DIFT	\$2.37	AC	65%
		Barrel &/or Riser-Steel (BRS)	DIFT	\$1.82	AC	65%
		Blanket Material (BM)	CY	\$22.50	AC	65%
		Concrete--Concrete/Steel in structural items(CON1)	CY	\$175.00	AC	65%
		Concrete - Reinforced and Formed (CONT)	CY	\$325.00	AC	65%
		Excavation &/or Embankment (EM)	CY	\$1.10	AC	65%
		Gypsum for dispersive soils (GYP2)	TON	\$60.00	AC	65%
		Principal Splway Drainage Diaphragm Filter (PSDDF)	CY	\$36.00	AC	65%
		Riprap and Filter (RRF)	CY	\$30.00	AC	65%
		Trash Guard (TG)	EACH	\$220.00	AC	65%
362	DIVERSION					
		Diversion Terrace - Ridge and/or Channel (RC)	CY	\$1.00	AC	65%

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378	POND					
		Anti-vortex Baffle (AVB)	SF	\$3.55	AC	65%
		Barrel &/or Riser-Aluminized<=12ga (BRA12)	DIFT	\$2.15	AC	65%
		Barrel &/or Riser-Aluminized>=14ga (BRA14)	DIFT	\$1.88	AC	65%
		Barrel &/or Riser-CSP<=12ga (BR12)	DIFT	\$1.95	AC	65%
		Barrel &/or Riser-CSP>=14ga (BR14)	DIFT	\$1.68	AC	65%
		Barrel &/or Riser-Plastic (BRP)	DIFT	\$0.86	AC	65%
		Barrel &/or Riser-Polymer coated<=12ga (BRC12)	DIFT	\$2.67	AC	65%
		Barrel &/or Riser-Polymer coated>=14ga (BRC14)	DIFT	\$2.37	AC	65%
		Barrel &/or Riser-Steel (BRS)	DIFT	\$1.82	AC	65%
		Clay Liner (CL)	CY	\$3.00	AC	65%
		Concrete--Concrete/Steel in structural items(CON1)	CY	\$175.00	AC	65%
		Excavation &/or Embankment (EM)	CY	\$1.10	AC	65%
		Geotextile (GEOT)	SY	\$1.00	AC	65%
		Gypsum for dispersive soils (GYP2)	TON	\$60.00	AC	65%
		Principal Splway Drainage Diaphragm Filter (PSDDF)	CY	\$36.00	AC	65%
		Riprap and Filter (RRF)	CY	\$30.00	AC	65%
		Trash Guard (TG)	EACH	\$220.00	AC	65%
382	FENCE					
		Fence--Critical and Small Area (FENCA)	LF	\$1.49	AC	65%
		Fence--Four Wire Permanent (FEN4)	LF	\$1.00	AC	65%
391	RIPARIAN FOREST BUFFER					
		Geotextile Fabric/Plastic Mulch - Weed Barrier (GEOTF)	LF	\$0.35	AC	65%
		Seedbed Preparation for tree/shrub planting (SP)	AC	\$50.00	AC	65%
		Trees &/or Shrubs-barerooted (TSB)	EACH	\$0.80	AC	65%
		Trees &/or Shrubs-potted (TSP)	EACH	\$1.05	AC	65%
393	FILTER STRIP					
		Alkali Sacaton CA (GASA)	AC	\$46.00	AC	65%
		Bermudagrass Mulch Sod (GBGMS)	SY	\$1.00	AC	65%
		Bermudagrass Solid Sod (GBGSS)	SY	\$4.90	AC	65%
		Bermudagrass Sprigging - CA (GBGSA)	AC	\$90.00	AC	65%
		Guymon or Wrangler Bermudagrass CA (GGBGA)	AC	\$114.00	AC	65%
		Native Grass Mixture CA (GNMA)	AC	\$73.00	AC	65%
		Old World Bluestem CA (GOWBA)	AC	\$64.00	AC	65%
		Switchgrass CA (GSGA)	AC	\$31.00	AC	65%
		Tall Fescue CA (GTFA)	AC	\$90.00	AC	65%
		Tall Wheatgrass CA (GTWA)	AC	\$40.00	AC	65%

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410	GRADE STABILIZATION STRUCTURE					
		Anti-vortex Baffle (AVB)	SF	\$3.55	AC	65%
		Barrel &/or Riser-Aluminized<=12ga (BRA12)	DIFT	\$2.15	AC	65%
		Barrel &/or Riser-Aluminized>=14ga (BRA14)	DIFT	\$1.88	AC	65%
		Barrel &/or Riser-CSP<=12ga (BR12)	DIFT	\$1.95	AC	65%
		Barrel &/or Riser-CSP>=14ga (BR14)	DIFT	\$1.68	AC	65%
		Barrel &/or Riser-Plastic (BRP)	DIFT	\$0.86	AC	65%
		Barrel &/or Riser-Polymer coated<=12ga (BRC12)	DIFT	\$2.67	AC	65%
		Barrel &/or Riser-Polymer coated>=14ga (BRC14)	DIFT	\$2.37	AC	65%
		Barrel &/or Riser-Steel (BRS)	DIFT	\$1.82	AC	65%
		Blanket Material (BM)	CY	\$22.50	AC	65%
		Clay Liner (CL)	CY	\$3.00	AC	65%
		Concrete--Concrete/Steel in structural items(CON1)	CY	\$175.00	AC	65%
		Concrete--Formless Concrete Chute (CONFC)	CY	\$379.00	AC	65%
		Excavation &/or Embankment (EM)	CY	\$1.10	AC	65%
		Geotextile (GEOT)	SY	\$1.00	AC	65%
		Gypsum for dispersive soils (GYP2)	TON	\$60.00	AC	65%
		Principal Splway Drainage Diaphragm Filter (PSDDF)	CY	\$36.00	AC	65%
		Riprap and Filter (RRF)	CY	\$30.00	AC	65%
		Toe Wall Structure Galvanized Steel (TWSS)	SF	\$17.30	AC	65%
		Trash Guard (TG)	EACH	\$220.00	AC	65%
412	GRASSED WATERWAY					
		Waterways-Construction/Shaping (SHAP)	AC	\$550.00	AC	65%
468	LINED WATERWAY OR OUTLET					
		Blanket Material (BM)	CY	\$22.50	AC	65%
		Concrete--Lined Outlet (CON3)	CY	\$335.00	AC	65%
		Riprap and Filter (RRF)	CY	\$30.00	AC	65%
		Rock Gabions/Rock Mattresses (GM)	CY	\$215.00	AC	65%
516	PIPELINE					
		The practice is ONLY allowed as a means of providing an alternate water source for livestock when exclusion fencing is used to establish and/or maintain vegetation as a buffer along the stream channel, and livestock are excluded from the stream channel.				
		Pipe--Polyethylene Livestock Pipe (POLYP)	DIFT	\$0.47	AC	65%
		Pipe--PVC Livestock Pipe (PVC)	DIFT	\$0.96	AC	65%
		Tap and Installation of Water Meter (WTM)	EACH	\$250.00	AC	65%
533	PUMPING PLANT					
		The practice is ONLY allowed as a means of providing an alternate water source for livestock when exclusion fencing is used to establish and/or maintain vegetation as a buffer along the stream channel, and livestock are excluded from the stream channel.				
		Pump for Livestock Water Well (PLWW)	EACH	\$300.00	AC	65%

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580	STREAMBANK AND SHORELINE PROTECTION					
		Bermudagrass Sprigging - CA (GBGSA)	AC	\$90.00	AC	65%
		Common Reedgrass (GCR)	RHIZO	\$0.49	AC	65%
		Erosion Control Blanket (ECB)	SY	\$1.25	AC	65%
		Guymon or Wrangler Bermudagrass CA (GGBGA)	AC	\$114.00	AC	65%
		Riprap and Filter (RRF)	CY	\$30.00	AC	65%
		Switchgrass CA (GSGA)	AC	\$31.00	AC	65%
		Trees &/or Shrubs-barerooted (TSB)	EACH	\$0.80	AC	65%
		Willow Posts (WP)	EACH	\$6.00	AC	65%
584	STREAM CHANNEL STABILIZATION					
		Jacks (Sugar Creek) (JAX)	EACH	\$98.00	AC	65%
		Pilot Channel (Sugar Creek) (PCSC)	LF	\$3.50	AC	65%
		Retard & Diversion Fence (Sugar Creek) (RDFSC)	LF	\$1.68	AC	65%
587	STRUCTURE FOR WATER CONTROL					
		Anti-vortex Baffle (AVB)	SF	\$3.55	AC	65%
		Barrel &/or Riser-Aluminized<=12ga (BRA12)	DIFT	\$2.15	AC	65%
		Barrel &/or Riser-Aluminized>=14ga (BRA14)	DIFT	\$1.88	AC	65%
		Barrel &/or Riser-Plastic (BRP)	DIFT	\$0.86	AC	65%
		Barrel &/or Riser-Polymer coated<=12ga (BRC12)	DIFT	\$2.67	AC	65%
		Barrel &/or Riser-Polymer coated>=14ga (BRC14)	DIFT	\$2.37	AC	65%
		Barrel &/or Riser-Steel (BRS)	DIFT	\$1.82	AC	65%
		Blanket Material (BM)	CY	\$22.50	AC	65%
		Concrete--Concrete/Steel in structural items(CON1)	CY	\$175.00	AC	65%
		Concrete - Reinforced and Formed (CONT)	CY	\$325.00	AC	65%
		Excavation &/or Embankment (EM)	CY	\$1.10	AC	65%
		Geotextile (GEOT)	SY	\$1.00	AC	65%
		Gypsum for dispersive soils (GYP2)	TON	\$60.00	AC	65%
		Principal Splway Drainage Diaphragm Filter (PSDDF)	CY	\$36.00	AC	65%
		Riprap and Filter (RRF)	CY	\$30.00	AC	65%
		Trash Guard (TG)	EACH	\$220.00	AC	65%
590	NUTRIENT MANAGEMENT					
		Fertilizer CA (FTCA)	AC	\$60.00	AC	65%

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614 WATERING FACILITY**

The watering facility practice/components are only applicable to the **Sugar Creek Watershed**.
 The practice is **ONLY** allowed as a means of providing an alternate water source for livestock when exclusion fencing is used to establish and/or maintain vegetation as a buffer along the stream channel, and livestock are excluded from the stream channel.

When this practice is used a grazing plan is required, with emergency storage, and anything else required by the Oklahoma standard and specification for the Watering Facility (614) practice.

Concrete - Reinforced and Formed (CONT)	CY	\$325.00	AC	65%
Energy-Free Fountain <=25 gallon tank (EFF2)	GAL	\$23.00	AC	65%
Energy-Free Fountain >25 gallon tank (EFF4)	GAL	\$15.50	AC	65%
Rubber Tire Tank (RTT)	DF	\$158.00	AC	65%
Water Storage/Supply Tank (WSST)	GAL	\$0.47	AC	65%
Water Tank - Fiberglass (FGT)	DF	\$130.00	AC	65%
Water Tank - Freeze Proof (FPT)	EACH	\$1,000.00	AC	65%
Water Tank/Trough w/Steel Sidewall (SS)	DF	\$115.00	AC	65%

620 UNDERGROUND OUTLET

Barrel &/or Riser-Aluminized<=12ga (BRA12)	DIFT	\$2.15	AC	65%
Barrel &/or Riser-Aluminized>=14ga (BRA14)	DIFT	\$1.88	AC	65%
Barrel &/or Riser-CSP<=12ga (BR12)	DIFT	\$1.95	AC	65%
Barrel &/or Riser-CSP>=14ga (BR14)	DIFT	\$1.68	AC	65%
Barrel &/or Riser-Plastic (BRP)	DIFT	\$0.86	AC	65%
Barrel &/or Riser-Polymer coated<=12ga (BRC12)	DIFT	\$2.67	AC	65%
Barrel &/or Riser-Polymer coated>=14ga (BRC14)	DIFT	\$2.37	AC	65%
Barrel &/or Riser-Steel (BRS)	DIFT	\$1.82	AC	65%
Concrete--Concrete/Steel in structural items(CON1)	CY	\$175.00	AC	65%
Trash Guard (TG)	EACH	\$220.00	AC	65%

638 WATER AND SEDIMENT CONTROL BASIN

Anti-vortex Baffle (AVB)	SF	\$3.55	AC	65%
Barrel &/or Riser-Aluminized<=12ga (BRA12)	DIFT	\$2.15	AC	65%
Barrel &/or Riser-Aluminized>=14ga (BRA14)	DIFT	\$1.88	AC	65%
Barrel &/or Riser-Plastic (BRP)	DIFT	\$0.86	AC	65%
Barrel &/or Riser-Polymer coated<=12ga (BRC12)	DIFT	\$2.67	AC	65%
Barrel &/or Riser-Polymer coated>=14ga (BRC14)	DIFT	\$2.37	AC	65%
Barrel &/or Riser-Steel (BRS)	DIFT	\$1.82	AC	65%
Concrete--Concrete/Steel in structural items(CON1)	CY	\$175.00	AC	65%
Excavation &/or Embankment (EM)	CY	\$1.10	AC	65%

642 WATER WELL*

Well Drilling and Casing (WWDC)*	LF	\$12.00	AM	65%
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* Cost-share for this practice and component (WWDC) is limited to ~~65%~~ 46% cost-share in the Sugar Creek project area.