

Summary

ITEM	NRCS PRACTICE CODE	CONSERVATION PRACTICE	NO OF UNITS	UNIT TYPE	MSI UNIT COST	MSI Est. TOTAL \$	NOTES
		Solid/Liquid Waste Separation Facility, P4-8	3	EA			Waste separation Facility, 101 Animals units or greater
	634	Manure transfer	40	CY	\$ 325.00	\$ 13,000.00	Reinforced concrete - Formed
	634	Manure transfer	280	CY	\$ 250.00	\$ 70,000.00	Reinforced concrete - Flat
	634	Manure transfer	550	FT	\$ 40.00	\$ 22,000.00	Gravity Sewer pipe SDR35 - 18"
	313	Waste Storage Facility	5100	CY	\$ 2.50	\$ 12,750.00	Earthwork - Excavation
	313	Waste Storage Facility	5100	CY	\$ 2.50	\$ 12,750.00	Earthwork - Fill
	382	Fence	600	LF	\$ 3.10	\$ 1,860.00	5' Safety Fence
					Totals	\$ 132,360.00	
		Manure Transfer	40	CY			Concrete Alleys & Curbing
	634	Manure transfer	0	FT	\$ 40.00	\$ -	Gravity Sewer pipe SDR35 - 18"
	634	Manure transfer	40	CY	\$ 200.00	\$ 8,000.00	Mountable Curb
					Totals	\$ 8,000.00	
		Manure Transfer	1	EA			Reception pit & Pipe
	634	Manure transfer	0	FT	\$ 40.00	\$ -	Gravity Sewer pipe SDR35 - 18"
	634	Manure transfer	5	CY	\$ 300.00	\$ 1,500.00	Concrete Formed
	634	Manure transfer	1	CY	\$ 200.00	\$ 200.00	Concrete Flat
					Totals	\$ 1,700.00	
		Manure Transfer	1	EA			Agitator
	634	Manure transfer	1	EA	\$ 19,000.00	\$ 19,000.00	Agitator
					Totals	\$ 19,000.00	
		Underground Outlet	15	FT			Underground Outlet with Riser(s), 8" tile
	620	Underground Outlet	15	FT	\$ 2.70	\$ 40.50	Structural Inlet/Outlet Pipe -8" Corrugated PE Gravity flow pipe
	620	Underground Outlet	0	FT	\$ 2.70	\$ -	Structural Inlet/Outlet Pipe -8" Corrugated PE Gravity flow pipe
					Totals	\$ 40.50	
		Waste Storage Facility, P1-3	0	CF			
	313	Waste Storage Facility	0	CY	\$ 2.50	\$ -	Earthwork - Excavation (P2 - Holding Pond)
	313	Waste Storage Facility	50	CY	\$ 2.50	\$ 125.00	Earthwork - Fill (P2 - Holding Pond, Liner)
	313	Waste Storage Facility	70	CY	\$ 200.00	\$ 14,000.00	Reinforced concrete - Flat work (Agitation/Pumpout Ramp)
	313	Waste Storage Facility	7	EA	\$ 500.00	\$ 3,500.00	Staff Gauge
	313	Waste Storage Facility	0	SOFT	\$ 10.00	\$ -	Anti - Seep Collar (4'x4')
	313	Waste Storage Facility	0	CY	\$ 7.00	\$ -	Liner - Soil Dispersent (SS-13, WA-13, Soda Ash)
	382	Fence	6250	LF	\$ 3.10	\$ 19,375.00	Woven Wire
					Total	\$ 37,000.00	
		Waste Storage Facility, P9	36000	CF			
	313	Waste Storage Facility	1200	CY	\$ 2.50	\$ 3,000.00	Earthwork - Excavation (P2 - Holding Pond)
	313	Waste Storage Facility	1200	CY	\$ 2.50	\$ 3,000.00	Earthwork - Fill (P2 - Holding Pond, Liner)
	313	Waste Storage Facility	10	CY	\$ 200.00	\$ 2,000.00	Reinforced concrete - Flat work (Agitation/Pumpout Ramp)
	313	Waste Storage Facility	1	EA	\$ 500.00	\$ 500.00	Staff Gauge
	313	Waste Storage Facility	0	SOFT	\$ 10.00	\$ -	Anti - Seep Collar (4'x4')
	313	Waste Storage Facility	0	CY	\$ 7.00	\$ -	Liner - Soil Dispersent (SS-13, WA-13, Soda Ash)
	382	Fence	400	LF	\$ 3.10	\$ 1,240.00	Woven Wire
					Total	\$ 9,740.00	
		Diversion	250	FT			Earthwork, critical area planting, and Mulching
	362	Diversion	250	LF	\$ 1.50	\$ 375.00	Earth Ridge, < 3 ft.
					Totals	\$ 375.00	
		Critical Area Planting	4	AC			Critical Area Planting without earthwork
	342	Critical Area Planting	4	AC	\$ 350.00	\$ 1,400.00	Vegetation establishment, critical area (including seeding and fertilizer)
					Totals	\$ 1,400.00	
		Mulching	4	AC			Mulching with Straw Bales
	342	Mulching	4	AC	\$ 400.00	\$ 1,600.00	Mulching
					Totals	\$ 1,600.00	
					Totals	\$ 211,215.50	
		Waste Utilization	400	AC			Waste Utilization (Per Year)
	633	Waste Utilization	400	AC	\$ 30.00	\$ 12,000.00	Acres used for manure application per year
						\$ 36,000.00	3 year plan
Note: Practice 313 (Waste storage Facility) NRCS has \$ 100,000.00 Cap							
Practice 634 (Manure Transfer) the USDA-NRCS has \$50,000.00 Cap							
Practice 633 (Waste Utilization) the USDA-NRCS has 400 Ac/yr Cap							
MSI estimated costs do not reflect NRCS cost share amounts							

E26 (Feed Storage Area)

ITEM	NRCS PRACTICE CODE	CONSERVATION PRACTICE	NO OF UNITS	UNIT TYPE	MSI UNIT COST	MSI Est. TOTAL \$	NOTES
		Manure Transfer	20	CY			Concrete Alleys & Curbing
	634	Manure transfer	0	FT	\$ 40.00	\$ -	Gravity Sewer pipe SDR35 - 18"
	634	Manure transfer	20	CY	\$ 200.00	\$ 4,000.00	Mountable Curb
					Totals	\$ 4,000.00	
		Manure Transfer	1	EA			Reception pit & Pipe
	634	Manure transfer	0	FT	\$ 40.00	\$ -	Gravity Sewer pipe SDR35 - 12"
	634	Manure transfer	5	CY	\$ 300.00	\$ 1,500.00	Concrete Fromed
	634	Manure transfer	1	CY	\$ 200.00	\$ 200.00	Concrete Flat
					Totals	\$ 1,700.00	
		Waste Storage Facility	36000	CF			Earthen Holding Pond (T 100'x 100' x 8' Deep, 3:1 Side Slopes, 36,000 below freeboard)
	313	Waste Storage Facility	1200	CY	\$ 2.50	\$ 3,000.00	Earthwork - Excavation (P2 - Holding Pond)
	313	Waste Storage Facility	1200	CY	\$ 2.50	\$ 3,000.00	Earthwork - Fill (P2 - Holding Pond, Liner)
	313	Waste Storage Facility	10	CY	\$ 200.00	\$ 2,000.00	Reinforced concrete - Flat work (Aggitation/Pumpout Ramp)
	313	Waste Storage Facility	1	EA	\$ 500.00	\$ 500.00	Staff Gauge
	313	Waste Storage Facility	0	SQFT	\$ 10.00	\$ -	Anti - Seep Collar (4'x4')
	313	Waste Storage Facility	0	CY	\$ 7.00	\$ -	Liner - Soil Dispersent (SS-13, WA-13, Soda Ash)
	382	Fence	400	LF	\$ 3.10	\$ 1,240.00	Woven Wire
					Total	\$ 9,740.00	
		Diversion	0	FT			
	362	Diversion	0	LF	\$ 1.50	\$ -	Earth Ridge, < 3 ft.
					Totals	\$ -	
		Subsurface Drain		LF			Perimeter Drain For Ag Waste Storage Structure
	606	Subsurface Drain	400	LF	\$ 1.50	\$ 600.00	PE - Corrugated Plastic Tubing, 4"
	606	Subsurface Drain	40	Ton	\$ 30.00	\$ 1,200.00	Aggregate
					Totals	\$ 1,800.00	
		Critical Area Planting	2	AC			Critical Area Planting without earthwork
	342	Critical Area Planting	2	AC	\$ 350.00	\$ 700.00	Vegetation establishment, critical area (including seeding and fertilizer)
					Totals	\$ 700.00	
		Mulching	2	AC			Mulching with Straw Bales
	342	Mulching	2	AC	\$ 400.00	\$ 800.00	Mulching
					Totals	\$ 800.00	
					Totals	#REF!	
Note: Practice 313 (Waste storage Facility) NRCS has \$ 100,000.00 Cap							
Practice 634 (Manure Transfer) the USDA-NRCS has \$50,000.00 Cap							
Practice 633 (Waste Utilization) the USDA-NRCS has 400 Ac/yr Cap							
MSI estimated costs do not reflct NRCS cost share amounts							

ITEM	NRCS PRACTICE CODE	CONSERVATION PRACTICE	NO OF UNITS	UNIT TYPE	MSI UNIT COST	MSI Est. TOTAL \$	NOTES
		Manure Transfer	20	CY			Concrete Alleys & Curbing
	634	Manure transfer	0	FT	\$ 40.00	\$ -	Gravity Sewer pipe SDR35 - 18"
	634	Manure transfer	20	CY	\$ 200.00	\$ 4,000.00	Mountable Curb
					Totals	\$ 4,000.00	
		Waste Storage Facility, E10	0	CF			Agitation / Pumpout Ramp
	313	Waste Storage Facility		CY	\$ 2.50	\$ -	Earthwork - Excavation (P2 - Holding Pond)
	313	Waste Storage Facility		CY	\$ 2.50	\$ -	Earthwork - Fill (P2 - Holding Pond, Liner)
	313	Waste Storage Facility	10	CY	\$ 200.00	\$ 2,000.00	Reinforced concrete - Flat work (Aggitation/Pumpout Ramp)
	313	Waste Storage Facility	1	EA	\$ 500.00	\$ 500.00	Staff Gauge
	313	Waste Storage Facility		SQFT	\$ 10.00	\$ -	Anti - Seep Collar (4'x4')
	313	Waste Storage Facility		CY	\$ 7.00	\$ -	Liner - Soil Dispersent (SS-13, WA-13, Soda Ash)
	382	Fence	450	LF	\$ 3.10	\$ 1,395.00	Woven Wire
					Total	\$ 3,895.00	
		Diversion	0	FT			
	362	Diversion	0	LF	\$ 1.50	\$ -	Earth Ridge, < 3 ft.
					Totals	\$ -	
		Critical Area Planting	0	AC			Critical Area Planting without earthwork
	342	Critical Area Planting	0	AC	\$ 350.00	\$ -	Vegetation establishment, critical area (including seeding and fertilizer)
					Totals	\$ -	
		Mulching	0	AC			Mulching with Straw Bales
	342	Mulching	0	AC	\$ 400.00	\$ -	Mulching
					Totals	\$ -	
					Totals	\$ 7,895.00	
Note: Practice 313 (Waste storage Facility) NRCS has \$ 100,000.00 Cap							
Practice 634 (Manure Transfer) the USDA-NRCS has \$50,000.00 Cap							
Practice 633 (Waste Utilization) the USDA-NRCS has 400 Ac/yr Cap							
MSI estimated costs do not reflct NRCS cost share amounts							

ITEM	NRCS PRACTICE CODE	CONSERVATION PRACTICE	NO OF UNITS	UNIT TYPE	MSI UNIT COST	MSI Est. TOTAL \$	NOTES
		Manure Transfer	20	CY			Concrete Alleys & Curbing
	634	Manure transfer	0	FT	\$ 40.00	\$ -	Gravity Sewer pipe SDR35 - 18"
	634	Manure transfer	20	CY	\$ 200.00	\$ 4,000.00	Mountable Curb
					Totals	\$ 4,000.00	
		Waste Storage Facility, E16-17	0	CF			Agitation / Pumpout Ramp
	313	Waste Storage Facility		CY	\$ 2.50	\$ -	Earthwork - Excavation (P2 - Holding Pond)
	313	Waste Storage Facility		CY	\$ 2.50	\$ -	Earthwork - Fill (P2 - Holding Pond, Liner)
	313	Waste Storage Facility	20	CY	\$ 200.00	\$ 4,000.00	Reinforced concrete - Flat work (Aggitation/Pumpout Ramp)
	313	Waste Storage Facility	2	EA	\$ 500.00	\$ 1,000.00	Staff Gauge
	313	Waste Storage Facility		SQFT	\$ 10.00	\$ -	Anti - Seep Collar (4'x4')
	313	Waste Storage Facility		CY	\$ 7.00	\$ -	Liner - Soil Dispersent (SS-13, WA-13, Soda Ash)
	382	Fence	1500	LF	\$ 3.10	\$ 4,650.00	Woven Wire
					Total	\$ 9,650.00	
		Diversion	0	FT			
	362	Diversion	0	LF	\$ 1.50	\$ -	Earth Ridge, < 3 ft.
					Totals	\$ -	
		Critical Area Planting	0	AC			Critical Area Planting without earthwork
	342	Critical Area Planting	0	AC	\$ 350.00	\$ -	Vegetation establishment, critical area (including seeding and fertilizer)
					Totals	\$ -	
		Mulching	0	AC			Mulching with Straw Bales
	342	Mulching	0	AC	\$ 400.00	\$ -	Mulching
					Totals	\$ -	
					Totals	\$ 13,650.00	
Note: Practice 313 (Waste storage Facility) NRCS has \$ 100,000.00 Cap							
Practice 634 (Manure Transfer) the USDA-NRCS has \$50,000.00 Cap							
Practice 633 (Waste Utilization) the USDA-NRCS has 400 Ac/yr Cap							
MSI estimated costs do not reflct NRCS cost share amounts							

ITEM	NRCS PRACTICE CODE	CONSERVATION PRACTICE	NO OF UNITS	UNIT TYPE	MSI UNIT COST	MSI Est. TOTAL \$	NOTES
		Waste Storage Facility, E13	0	CF			Pumpout Facility w/ Staff Gauge
	313	Waste Storage Facility		CY	\$ 2.50	\$ -	Earthwork - Excavation (P2 - Holding Pond)
	313	Waste Storage Facility		CY	\$ 2.50	\$ -	Earthwork - Fill (P2 - Holding Pond, Liner)
	313	Waste Storage Facility	10	CY	\$ 200.00	\$ 2,000.00	Reinforced concrete - Flat work (Aggitation/Pumpout Ramp)
	313	Waste Storage Facility	1	EA	\$ 500.00	\$ 500.00	Staff Gauge
	313	Waste Storage Facility		SQFT	\$ 10.00	\$ -	Anti - Seep Collar (4'x4')
	313	Waste Storage Facility		CY	\$ 7.00	\$ -	Liner - Soil Dispersent (SS-13, WA-13, Soda Ash)
	382	Fence	1300	LF	\$ 3.10	\$ 4,030.00	Woven Wire
					Total	\$ 6,530.00	
		Diversion	0	FT			
	362	Diversion	0	LF	\$ 1.50	\$ -	Earth Ridge, < 3 ft.
					Totals	\$ -	
		Critical Area Planting	0	AC			Critical Area Planting without earthwork
	342	Critical Area Planting	0	AC	\$ 350.00	\$ -	Vegetation establishment, critical area (including seeding and fertilizer)
					Totals	\$ -	
		Mulching	0	AC			Mulching with Straw Bales
	342	Mulching	0	AC	\$ 400.00	\$ -	Mulching
					Totals	\$ -	
					Totals	\$ 6,530.00	
Note: Practice 313 (Waste storage Facility) NRCS has \$ 100,000.00 Cap							
Practice 634 (Manure Transfer) the USDA-NRCS has \$50,000.00 Cap							
Practice 633 (Waste Utilization) the USDA-NRCS has 400 Ac/yr Cap							
MSI estimated costs do not reflct NRCS cost share amounts							

ITEM	NRCS PRACTICE CODE	CONSERVATION PRACTICE	NO OF UNITS	UNIT TYPE	MSI UNIT COST	MSI Est. TOTAL \$	NOTES
		Solid/Liquid Waste Seperation Facility, E14	1	EA			Waste seperation Facility, 101 Animals units or greater
	634	Manure transfer	0	CY	\$ 325.00	\$ -	Reinforced concrete - Formed
	634	Manure transfer	100	CY	\$ 250.00	\$ 25,000.00	Reinforced concrete - Flat
	634	Manure transfer	550	FT	\$ 40.00	\$ 22,000.00	Gravity Sewer pipe SDR35 - 18"
	313	Waste Storage Facility	100	CY	\$ 2.50	\$ 250.00	Earthwork - Excavation
	313	Waste Storage Facility	100	CY	\$ 2.50	\$ 250.00	Earthwork - Fill
	382	Fence	600	LF	\$ 3.10	\$ 1,860.00	5' Safety Fence
					Totals	\$ 49,360.00	
		Waste Storage Facility, E15	0	CF			Agitation / Pumpout Ramp
	313	Waste Storage Facility	0	CY	\$ 2.50	\$ -	Earthwork - Excavation (P2 - Holding Pond)
	313	Waste Storage Facility	50	CY	\$ 2.50	\$ 125.00	Earthwork - Fill (P2 - Holding Pond, Liner)
	313	Waste Storage Facility	10	CY	\$ 200.00	\$ 2,000.00	Reinforced concrete - Flat work (Aggitation/Pumpout Ramp)
	313	Waste Storage Facility	1	EA	\$ 500.00	\$ 500.00	Staff Gauge
	313	Waste Storage Facility	0	SQFT	\$ 10.00	\$ -	Anti - Seep Collar (4'x4')
	313	Waste Storage Facility	0	CY	\$ 7.00	\$ -	Liner - Soil Dispersent (SS-13, WA-13, Soda Ash)
	382	Fence	1000	LF	\$ 3.10	\$ 3,100.00	Woven Wire
					Total	\$ 5,725.00	
		Diversion	200	FT			
	362	Diversion	200	LF	\$ 1.50	\$ 300.00	Earth Ridge, < 3 ft.
					Totals	\$ 300.00	
		Critical Area Planting	2	AC			Critical Area Planting without earthwork
	342	Critical Area Planting	2	AC	\$ 350.00	\$ 700.00	Vegetation establishment, critical area (including seeding and fertilizer)
					Totals	\$ 700.00	
		Mulching	2	AC			Mulching with Straw Bales
	342	Mulching	2	AC	\$ 400.00	\$ 800.00	Mulching
					Totals	\$ 800.00	
					Totals	\$ 56,885.00	
Note: Practice 313 (Waste storage Facility) NRCS has \$ 100,000.00 Cap							
Practice 634 (Manure Transfer) the USDA-NRCS has \$50,000.00 Cap							
Practice 633 (Waste Utilization) the USDA-NRCS has 400 Ac/yr Cap							
MSI estimated costs do not reflct NRCS cost share amounts							

ITEM	NRCS PRACTICE CODE	CONSERVATION PRACTICE	NO OF UNITS	UNIT TYPE	MSI UNIT COST	MSI Est. TOTAL \$	NOTES
		Solid/Liquid Waste Separation Facility, P4	1	EA			Waste separation Facility, 101 Animals units or greater - Above E1C
	634	Manure transfer	20	CY	\$ 325.00	\$ 6,500.00	Reinforced concrete - Formed
	634	Manure transfer	90	CY	\$ 250.00	\$ 22,500.00	Reinforced concrete - Flat
	634	Manure transfer		FT	\$ 40.00	\$ -	Gravity Sewer pipe SDR35 - 18"
	313	Waste Storage Facility	2500	CY	\$ 2.50	\$ 6,250.00	Earthwork - Excavation
	313	Waste Storage Facility	2500	CY	\$ 2.50	\$ 6,250.00	Earthwork - Fill
	382	Fence		LF	\$ 3.10	\$ -	5' Safety Fence
					Totals	\$ 41,500.00	
		Solid/Liquid Waste Separation Facility, P5	1	EA			Waste separation Facility, 101 Animals units or greater - Above E11
	634	Manure transfer	20	CY	\$ 325.00	\$ 6,500.00	Reinforced concrete - Formed
	634	Manure transfer	90	CY	\$ 250.00	\$ 22,500.00	Reinforced concrete - Flat
	634	Manure transfer		FT	\$ 40.00	\$ -	Gravity Sewer pipe SDR35 - 18"
	313	Waste Storage Facility	2500	CY	\$ 2.50	\$ 6,250.00	Earthwork - Excavation
	313	Waste Storage Facility	2500	CY	\$ 2.50	\$ 6,250.00	Earthwork - Fill
	382	Fence		LF	\$ 3.10	\$ -	5' Safety Fence
					Totals	\$ 41,500.00	
		Waste Storage Facility, E11-12	0	CF			Agitation /Pumpout Ramp
	313	Waste Storage Facility	0	CY	\$ 2.50	\$ -	Earthwork - Excavation (P2 - Holding Pond)
	313	Waste Storage Facility	0	CY	\$ 2.50	\$ -	Earthwork - Fill (P2 - Holding Pond, Liner)
	313	Waste Storage Facility	20	CY	\$ 200.00	\$ 4,000.00	Reinforced concrete - Flat work (Aggitation/Pumpout Ramp)
	313	Waste Storage Facility	2	EA	\$ 500.00	\$ 1,000.00	Staff Gauge
	313	Waste Storage Facility	0	SQFT	\$ 10.00	\$ -	Anti - Seep Collar (4'x4')
	313	Waste Storage Facility	0	CY	\$ 7.00	\$ -	Liner - Soil Dispersent (SS-13, WA-13, Soda Ash)
	382	Fence	2000	LF	\$ 3.10	\$ 6,200.00	Woven Wire
					Total	\$ 11,200.00	
		Diversion	0	FT			
	362	Diversion	0	LF	\$ 1.50	\$ -	Earth Ridge, < 3 ft.
					Totals	\$ -	
		Critical Area Planting	2	AC			Critical Area Planting without earthwork
	342	Critical Area Planting	2	AC	\$ 350.00	\$ 700.00	Vegetation establishment, critical area (including seeding and fertilizer)
					Totals	\$ 700.00	
		Mulching	2	AC			Mulching with Straw Bales
	342	Mulching	2	AC	\$ 400.00	\$ 800.00	Mulching
					Totals	\$ 800.00	
					Totals	\$ 95,700.00	
Note: Practice 313 (Waste storage Facility) NRCS has \$ 100,000.00 Cap							
Practice 634 (Manure Transfer) the USDA-NRCS has \$50,000.00 Cap							
Practice 633 (Waste Utilization) the USDA-NRCS has 400 Ac/yr Cap							
MSI estimated costs do not reflct NRCS cost share amounts							

ITEM	NRCS PRACTICE CODE	CONSERVATION PRACTICE	NO OF UNITS	UNIT TYPE	MSI UNIT COST	MSI Est. TOTAL \$	NOTES
		Pasture Planting	35	AC			Introduce Cool Season + Fertilizer
	342	Pasture Planting	35	AC	\$ 150.00	\$ 5,250.00	Establishment of Perment Pasture, (including seeding and fertilizer)
					Totals	\$ 5,250.00	
		Diversion	50	FT			
	362	Diversion	50	LF	\$ 1.50	\$ 75.00	Earth Ridge, < 3 ft.
					Totals	\$ 75.00	
		Underground Outlet	15	FT			Underground Outlet with Riser(s), 8" tile
	620	Underground Outlet	15	FT	\$ 2.70	\$ 40.50	Structural Inlet/Outlet Pipe -8" Corrigated PE Gravity flow pipe
	620	Underground Outlet		FT	\$ 2.70	\$ -	Structural Inlet/Outlet Pipe -8" Corrigated PE Gravity flow pipe
					Totals	\$ 40.50	
					Totals	\$ 5,365.50	
Note:	Practice 313 (Waste storage Facility) NRCS has \$ 100,000.00 Cap						
	Practice 634 (Manure Transfer) the USDA-NRCS has \$50,000.00 Cap						
	Practice 633 (Waste Utilization) the USDA-NRCS has 400 Ac/yr Cap						
	MSI estimated costs do not reflsct NRCS cost share amounts						