

Watershed Ranch: Time and Materials

General:

Date:	Activity:	Time (minutes):
4/13/23	Drip Irrigation Setup	120
4/21/23	Drip Irrigation Setup	60
5/1/23	Drive to San Louis-Dave West Compost Inoculation	400
Totals:		580 minutes (9 hours, 40 min)

Education Related Time:

Date:	Activity:	Time (minutes):
3/10/23	Agrisummit Prep and Presentation	200
5/15/23	School Field Trip to Watershed Ranch (Visit and Prep)	180
4/6/23 -3/12/24	Youtube Videos and Uploading/Editing	360
3/7/24	Agrisummit Prep and Farm Showcase	400
4/1/24	School Field Trip to Watershed Ranch (Visit and Prep)	180
4/21/24	Career Day at BV Schools (Worms and Compost)	180
Totals		25 hours

General Costs:

Date:	Activity:	Materials:	Cost:
4/13/23	Drip Irrigation Setup	Drip Irrigation	\$300
5/1/23	Data Collection	3 ft Moisture Meter	\$118
5/1/23	Data Collection	3 ft Thermometer	\$134
5/1/23	Research	Compost Books	\$50
Totals:			\$602

Bioreactor: Time and Materials

Date:	Activity:	Time (minutes):
4/6/23	Aspen Gathering	60
4/6/23	Wood Chipping	60
4/25/23	Bioreactor Build (Pipe Cut)	60
4/26/23	Bioreactor Build (Manure Layer)	240

4/27/23	Bioreactor Build (Pallet hunt)	60
4/28/23	Bioreactor Build (Pallet cut)	60
5/11/23	Landscape fabric cut and fit	30
5/11/23	Hay Bale Surround	60
5/12/23	Manure Gathering	120
5/15/23	Build Manure Layer in Hay	480
6/1/23 through 10/15/23	Monitoring and Maintenance (approx. 30 min per week)	900
10/1/23	Soil Sampling and Mailing	30
2/1/24	Soil Sampling and Mailing	30
Totals		36 hours 30 min

Date:	Activity:	Materials:	Cost:
4/6/23	Wood Chipping	Maintenance and Parts	\$60
4/26/23 5/15/23	Bioreactor Build (Manure Layer)	Fish Hydrolysate Humic Acid Fungal Link Compost Garden Lime	\$30 \$15 \$100 \$10
5/11/23	Landscape Fabric Cut and Fit	Landscape Fabric	\$100
5/11/23	Hay Bale Surround	Hay Bales	\$300
5/12/23	Manure Gathering	Hay Bale Barter (goat dairy)	\$100
6/8/23	Red Wigglers	Worms	\$130
10/1/23	Soil Sampling and Shipping	Testing, shipping	\$250
2/1/23	Soil Sampling and Shipping	Testing, shipping	\$250
Totals:			\$1,345

Windrow Compost: Time and Materials

Date:	Activity:	Time (minutes):
4/6/23	Aspen Gathering	60
4/6/23	Wood Chipping	60
4/25/23	Windrow Compost Build (pipe, chips)	60
5/12/23	Manure Gathering	120
6/7/23	Build Manure Layer	300
6/21/23	Rebuild Windrow	240
6/26/23	Coffee Injections	60
7/1/23 through 10/15/23	Monitoring and Maintenance (approx. 30 min per week)	660

11/1/23	4 months soil samples and shipping	30
3/1/24	8 months soil samples and shipping	30
Totals:		27 hours

Date:	Activity:	Materials:	Cost:
4/6/23 4/22/23 4/24/23	Wood Chipping	Woodchipper Fuel	\$15
5/12/23	Manure Gathering	Manure (hay bale barter)	\$100-hay bale barter
6/7/23	Build Manure Layer	Fish Hydrolysate Humic Acid Fungal Link Compost Garden Lime	\$30 \$15 \$100 \$10
6/8/23	Landscape Cover	Landscaping Fabric	\$100
6/8/23	Red Wigglers	Worms	\$130
10/15/23	Insulating Layer	Hay Bales	\$60
11/1/23	Soil Sampling and Shipping	Testing, shipping	\$250
3/1/24	Soil Sampling and Shipping	Testing, shipping	\$250
Totals			\$1,060