

FINAL CLOSURE CONSTRUCTION CITY OF PORTOLA LANDFILL

PLUMAS COUNTY



Portola Landfill Information

Operations Started in 1960's

Nine Acre Landfill

Decomposed Granite, Hillside Site

1993 Study of Environmental and Economic Aspects
of Site Resulted in Recommendation to Close and Cap
the Landfill

Portola City Council Decided to Keep Landfill Open

Portola Landfill Information

MtBE and Other VOC's Detected in Site Monitoring Wells in 2000

MtBE Detected in Downgradient Domestic Water Well in 2002 at
Concentration <4.0 ug/L

City of Portola, in an Agreement with RWQCB, Decide to Close
and Cap Landfill

City Strikes Agreement with Plumas County for Access to Nearby
Delleker Transfer Station

Partial-Final Landfill Closure Work Accomplished in 2005













2014 Final Closure Project

Use of ClosureTurf – Manufactured by Agru America

50 mil Structured LLDPE Barrier Layer Overlain by Artificial Turf Layer. Turf Ballasted With On-Site Granitic Sands

General Contractor: Cal Valley Construction, Fresno CA

Subcontractor: D&E Construction, Visalia, CA

CQA Monitor: Geo-Logic Associates, Grass Valley, CA

































































**PORTOLA LANDFILL CLOSURE CONSTRUCTION
PROJECT COSTS**

NO.	ITEM	UNIT	QUANTITY	UNIT COST	CONTRACT COST
1	Mobilization	LS	1	\$ 30,000.00	\$ 30,000.00
2	Remove Interim Cover	LS	1	\$ 60,000.00	\$ 60,000.00
3	Fill/Compact Erosion Scars	CY	100	\$ 65.00	\$ 6,500.00
4	Grade Foundation Layer	LS	1	\$ 68,000.00	\$ 68,000.00
5	Remove Perimeter Berms	LS	1	\$ 12,800.00	\$ 12,800.00
6	Install Access Road/Culvert	CY	240	\$ 87.00	\$ 20,880.00
7	Install Top Deck Berm	CY	180	\$ 38.00	\$ 6,840.00
8	Install Drainage Chute	CY	80	\$ 57.00	\$ 4,560.00
9	Install Perimeter Berms	LF	2,450	\$ 13.00	\$ 31,850.00
10	Excavate Anchor Trench	LF	2,540	\$ 10.00	\$ 25,400.00
11	Supply/Install Closure Turf	SF	401,140	\$ 3.07	\$ 1,231,499.80
12	Supply/Install Hydro Turf	SF	34,100	\$ 1.80	\$ 61,380.00
13	Lower Gas Vents	LS	1	\$ 1,800.00	\$ 1,800.00
14	Supply/Install Drainage Structures	LS	1	\$ 47,800.00	\$ 47,800.00
15	Storm Water Control	LS	1	\$ 7,500.00	\$ 7,500.00
CO1	Change Order 1 - Plastic Pipe	LS	1	\$ -	\$ -
CO2	Change Order 1 - Drainage	LS	1	\$ 9,504.32	\$ 9,504.32
	TOTAL				\$ 1,626,314.12

