Coffin Butte Landfill

A Regional Landfill Owned and Operated by Republic Services
Location

- 28971 Coffin Butte Road
- On Hwy 99 about 10 miles north of Corvallis
- Monday-Saturday, 8am-5pm
History

- WWII dump site – Camp Adair 1944-45
- 40s-70s – clay liner
- 80s - Regional landfill, subtitle D, RCRA*
  - The Resource Conservation and Recovery Act (RCRA) is the public law that creates the framework for the proper management of hazardous and non-hazardous solid waste. The law describes the waste management program mandated by Congress that gave EPA authority to develop the RCRA program.
  - States play a lead role in ensuring the federal criteria for operating municipal solid waste and industrial waste landfills regulations are met, and they may set more stringent requirements. In absence of an approved state program, the federal requirements must be met by waste facilities.
- 2000-Allied Waste Procured landfill
- 2008 merger (Allied & Republic)

*Resource Conservation & Recovery Act
By the Numbers

Regional Landfill

• 780 acres in total
• Waste on about 250 acres
• 3 restored wetland areas
• 2 leachate collection ponds, collecting 25-30 Million gallons per year.

• 4,000 tons of waste per day
• 1,000,000 tons/year, including:
  • MSW: (Municipal Solid Waste)
  • C&D: (Construction & Demolition Waste)
  • Special Waste: Asbestos, Industrial Waste, Environmental Clean up, Contaminated Soils and sludge from waste water treatment plants.
Gas Collection System

- 275 Gas Collecting Wells located on Coffin Butte Landfill
- Gas goes to PNGC, energy co-operative.
- Landfill Gas collected powers 5 large generators.
- Enough gas is collected to power 4,000 homes annually.
- Coffin Butte was the second landfill in Oregon to install a gas collection system.
- A flair, located at the PNGC facility removes any excess gas.
Energy Generation
Monitoring and Other Requirements

- Ground and surface/storm water
- Air quality
- Leachate collection/disposal
- Daily Cover and Alternative Daily Cover
In addition to MSW

Recycling Items

• Commingle
• Glass
• Cardboard
• Tires*
• Oregon E-Cycles
• Car batteries

• Motor oil
• Appliances*
• Green Waste*
  (Compost can be purchased at Coffin Butte Landfill)
• Scrap metal

*for a fee
Questions?