



## Comprehensive Solid Waste Services at Regional Municipal Landfill

*The City of Walla Walla wanted a firm specializing in landfills to help them find innovative ways to improve their operation to best-in-class status.*

*A team led by EIL earned the work based on proven innovation, experience and cost-efficiency.*

Client: City of Walla Walla, WA

Location: Sudbury Road Landfill

Date of Services: 2014-Present

EIL has been tasked with a wide variety of work, both in progress and planned:

- Landfill Master Plan
  - Road map for capital investment over the next 20 years, and long range planning to maximize efficiency and flexibility for the next 50 years.
  - Detailed financial model allows city to forecast capital, operating, and post-closure costs, and evaluate alternative rate scenarios.
- LFGTE Feasibility, Permitting and Engineering
  - Evaluation of future gas generation, beneficial use technologies, potential customers, regulatory and technical challenges, detailed financial model to ensure that benefits outweigh costs and risks.
- Landfill Gas Design & Operational Troubleshooting
  - LFG specialists diagnosed root causes of operational challenges and design cost-effective fixes that work.
- Septage Bioreactor
  - Implementing a patented process using septage waste in a bioreactor to dramatically accelerate the degradation of the waste mass and achieve functional stabilization (with partner CTI and Associates).
  - Innovative funding through Clean Water State Revolving Fund (SRF) brings the potential for grants that cover a portion of cell construction cost.
  - Obtaining approvals from multiple divisions of Ecology, and other state and local permitting agencies.
- Landfill Permitting and Design
  - Permitting, construction-level design, and construction support services for new cell and new landfill unit.

