PERMITTING CHALLENGES
MRW COLLECTION AND STORAGE

Orcas Island Transfer Station
San Juan County
PRESENTATION

• Cost and Feasibility
• Training
• Permitting Requirements
• Construction and Delivery
• Lessons Learned
COST AND FEASIBILITY

• In December 2016, we evaluated the cost and feasibility of expanding the San Juan County’s MRW collection program.

• Each year, the County provides MRW collection, transport, and disposal services to the residents and businesses of San Juan, Orcas, and Lopez Islands.

• Funding for these services is provided by an Ecology Coordinated Prevention Grant (now Local Solid Waste Financial Assistance), requiring 25% match by the County.

• Other funding sources include SW Excise tax, reductions in other programs (e.g., Orcas Landfill Monitoring)

• An MRW facility sited in the County must meet the State regulation requirements under Chapter 173-350-360 WAC – Moderate Risk Waste Handling.

• The MRW facility must meet specific design and operating standards as outlined in Chapter 173-350-360(5)(6) WAC (e.g., secondary containment).

• Staff training, Operations Plan, Revised Solid Waste Handling Permit
TRAINING

• 24-Hour HAZWOPER (40-Hours Preferred)
• 8-Hour DOT
• 8-Hour RCRA
• Visits to Skagit Hazardous Waste Collection Center
• Clean Harbors Training and Waste Profiles
PERMITTING

• March 2017 – County Planning Pre-Application meeting and permitting requirements – Modular Permit, L&I Considerations for Electrical

• Bidding Requirements – County Resolution waiving bidding requirements because of “specialty” purchase/contract

• April 2017 – Washington L&I Inspection requirements for modular buildings constructed outside of state
  • Review of stamped engineering drawings
  • Two in-person visits by inspector (travel and review time costs)
  • 173-350-360 MRW Handling (5) Design Standards – (c) Prefabricated structures with concealed construction shall meet the requirements of Chapter 296-150F WAC, Factory-built housing and commercial structures, administered by the department of labor and industries.
WAC 296-150F-0200 – Who must purchase factory-built housing and commercial structure insignia?
(3) You must have an approved design plan and have passed inspection before an insignia can be attached to your factory-built home or commercial structure by us or our authorized agent.

WAC 296-150F-0500 – When is an inspection required?
(1) Before we issue an insignia, each factory-built house, commercial structure, and component must be inspected at the manufacturing location as many times as are required by the codes.
CONSTRUCTION AND DELIVERY

- Two companies willing to work with Washington L&I for additional cost and hassle – Securall of Indiana and Safety Storage of Illinois
- Contract finalized in May 2017
- Construction completed in October 2017
  - L&I review of drawings delayed construction nearly 6 weeks
  - Two L&I Site Visits during construction
  - Overall delay in construction nearly 3 months
- Delivery November 2017
- Additional Cost of L&I Inspection - $12,593
- Total Cost: ~$56,000+
  - Site Preparation - $6,000 (separate contractor)
  - Electrical - $1,500 (in-house facilities department)
SITE PREPARATION
CONCRETE SLAB
OFF-LOADING
TOUCHDOWN!
CONTAINER READY FOR BUSINESS
LESSONS LEARNED

• Limited Bidding Competition for Construction Contractors
• Waiver May Be Required for Competitive Bidding Requirements
• Review Permitting Requirements with Planning Dept. (Pre-Application)
• Design and Operation Requirements
• Overall cost increase for L&I Inspection
• Potential cost savings on L&I Inspection when ordering multiple buildings
• Benefit to Public?
CONTACT INFO

Mark Herrenkohl, LEG
Solid Waste Program Administrator
San Juan County Public Works
markh@sanjuanco.com
(360) 370-0534