

# **Navigating the Selection Gauntlet among DBB, DB and DBO contract options:**

**“Dialogues with Public  
Officials, the Union, and  
Industry Experts”**

# Overview

- History
- Project Goals
- Scope of Project
- Issues
- Decision process
- Lessons learned
- Next steps

# Wilsonville History

- Located 20 miles south of Portland
- Incorporated January 1, 1969
- Residential population – 18,000
- Employment offering – 18,000
- 2030 population – 34,000
- 2030 employment – 38,000

# Wilsonville, OR



City of  
*Wilsonville*  
in Oregon

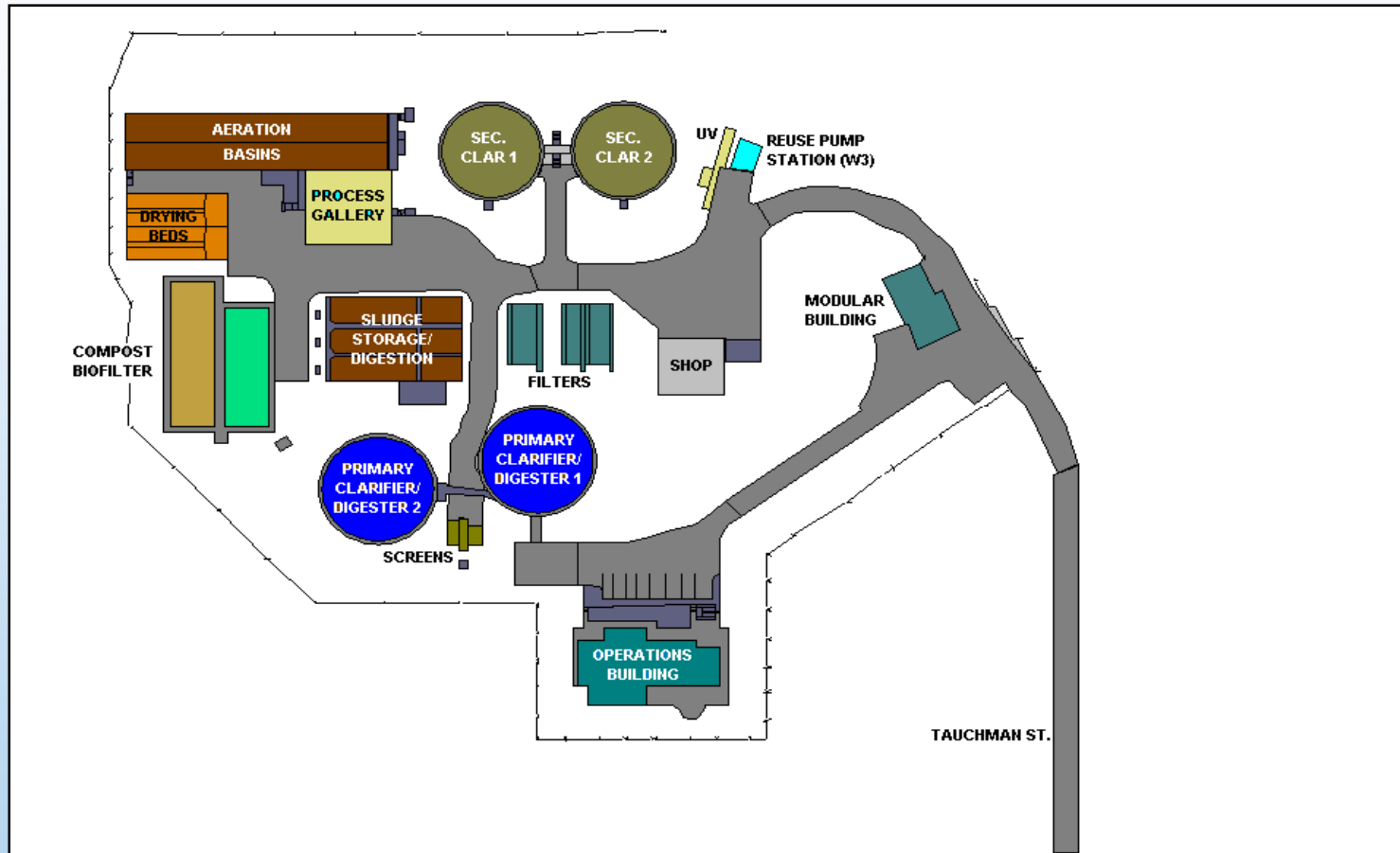
# Wastewater Plant History

- Early 1970s “Package Plant”
- Currently 4 MGD
- 67 miles of pipe and 8 lift stations
- Upgrades to date
- Master plans: Facilities & Collections
- Challenges

# Project Goals

- Functional Expansion to average dry weather flow of capacity 7 MGD
- Innovation & Sustainability in design and operations
- Integrate Operations & Maintenance in design, construction and commissioning
- Sharing Risk

# Wastewater Treatment Plant



# Scope of Work

- Headwork process
- Primary & Secondary Treatment
- Disinfection & Filtration
- Solids - dewatering & storage
- Odor Control
- Site Management

# Odor Control System



# Issues

- Operation during construction
- Impact to unionized staff
- Project cost and scope
- Balancing risk and liability
- Meeting regulatory requirements

# Wastewater Staff



# Decision Process

- Creating Management Team
- Contract options – DBB, DB, DBO, DB+O
- Research – other agencies, projects, DBIA, practitioners, consultants, attorneys, white papers

# Decision Process

- Engaging stakeholders
- Presentations to Council
- Timeline

# Wastewater Treatment Plant



# Lessons Learned

- Unified team vision and commitment
- Earlier involvement of consultants
- Include contract options in Master Plans
- Timing of staff involvement
- Set realistic project schedule
- DEQ partnership

# Next Steps

- Hire Owner's Representative – Jan. 2009
- RFQ due – Oct. 13, 2009
- Draft RFP ~Jan. 2010
- Industry forums
- Final RFP issued ~ March 2010
- Operations transfer ~ September 2010
- Commissioning

# Questions ?



# Contact Information

- Delora Kerber, P.E., Public Works Director [kerber@ci.wilsonville.or.us](mailto:kerber@ci.wilsonville.or.us)