



Our water: Safe and abundant for generations to come

PORTLAND WATER BUREAU

Bull Run Treatment Projects

Managing a Diverse,
High-Performance Team
for Portland's Bull Run
Filtration Project

April 28th, 2022





Successful projects are built on strong relationships and robust management systems

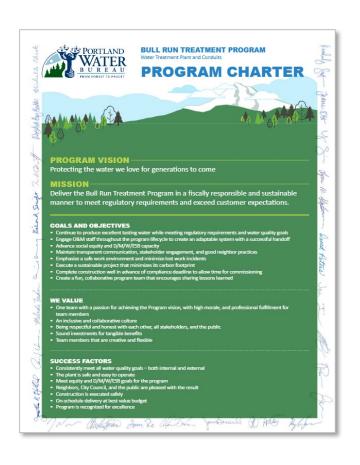


Filtration facility overview

Diverse management perspectives

The Bull Run Treatment Projects will help keep our water safe and abundant for generations to come





Filtration facility overview

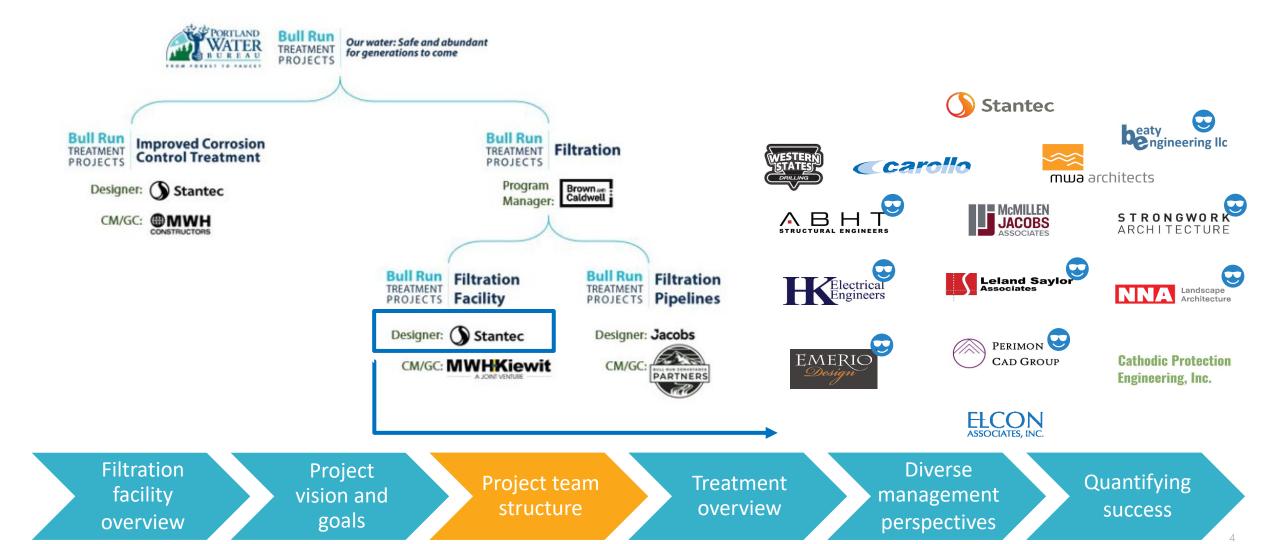
Project vision and goals

Project team structure

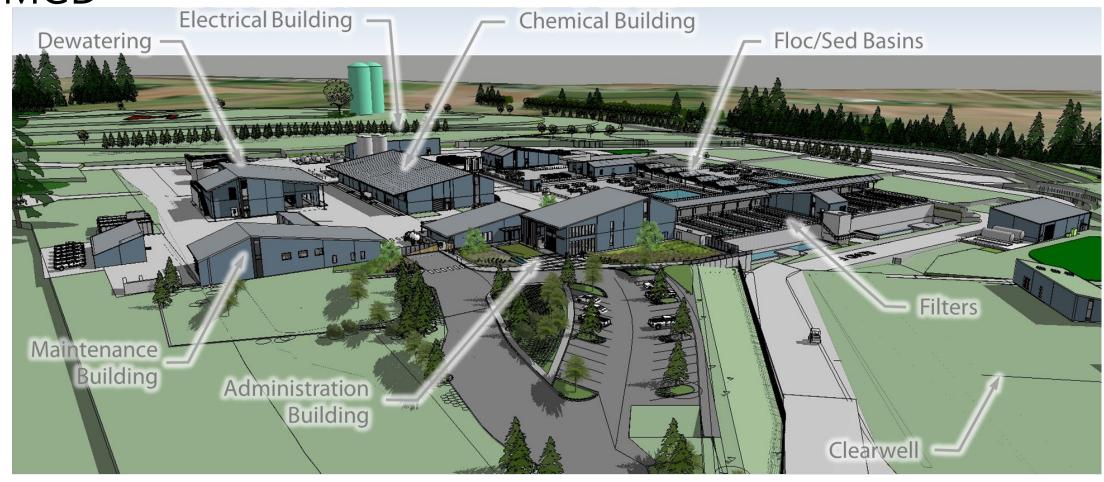
Treatment overview

Diverse management perspectives

17 firms on the Filtration Facility design team; 11 are equity contractors



Modern filtration facility capable of producing up to 135 MGD



Filtration facility overview

Project vision and goals

Project team structure

Treatment overview

Diverse management perspectives

Planning to be successful

Challenges

- Utility without filtration
- Water Bureau's largest project ever
- Bilateral Compliance Agreement with September 2027 deadline for serving filtered water



Solutions

- Developed dedicated internal team
- Tours and chats

Large firms

"Go slow to go fast"

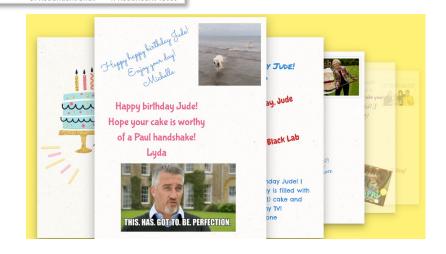


Setting ourselves up for success and fun

- Set up clear decisions
- Right people in the right room so decisions stick
- Put some fun in with the <u>enginerding</u>





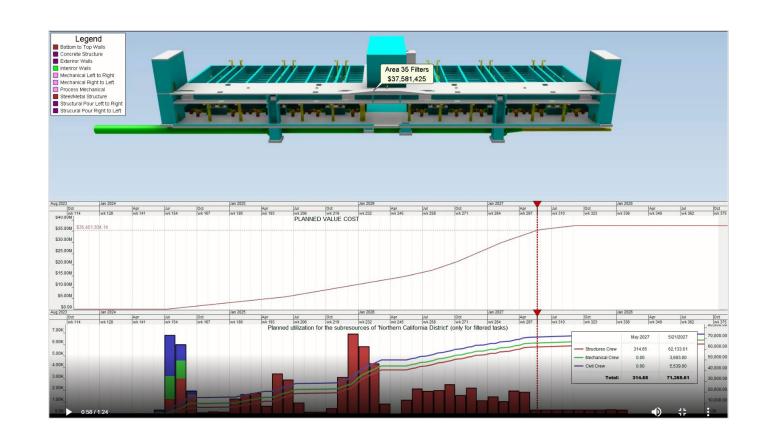


3. Redundant Shell

4. Redundant Tacos

Connecting Water Bureau's vision to action

- Collaboration
- Standardization and consistency
- Proactive
- Transparency
- Integrated cost and schedule
- Clear, defensible, real-time reporting

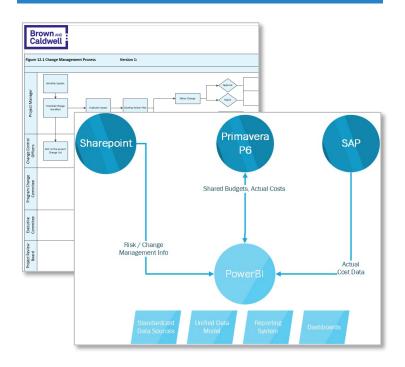


Configure tools to encourage desired behavior

Program Management



Select and Configure Tools

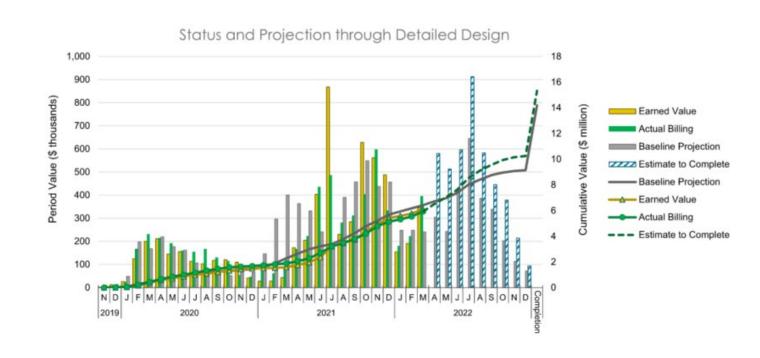


Rewards



Consistent management tools provide clear communication to Owner and Program Manager

- Earned value management
 - Consistency
 - Easy to understand
- Monthly check-ins
 - Pro-active management actions
 - Decision making
- Transparency
 - Effective communication
 - Established trust



Strong relationships are based on communication and trust



- Diverse skillsets
- Developing professionals
- We are better together
- Communication
- Trust
- Protect your team

Filtration facility overview

Diverse management perspectives

Program manager

Owner

arge firms

Equity firms

Working effectively with equity contractors starts with communication



Pacific Northwest Nice is not so nice.

We can put systems in place to support small firm success—both now and into the future



Performance Management program focused on clear feedback and successful project delivery.

Firms self-select the support they need to move forward. We don't assume we know best—we ask.

Filtration facility overview

Diverse management perspectives

Owner

Program manager

Large firms

auity firms

Success comes in many forms

- Seamless transition from in person collaboration to fully remote during the pandemic.
- Buy-in from executive committee and technical advisors has led to decisions that stick.
- Project has remained on schedule despite the complexity.
- Team has successfully navigated value engineering changes needed to maintain affordability.
- Equity contractors have greatly benefited from participation in this project—both in economic opportunity and technical and project management skills they can continue to build on.

Questions?







Our water: Safe and abundant for generations to come



Learn More portland.gov/bullrunprojects