Agenda:

Welcome

Open House and Outreach Review

Review Draft Goals and Objectives

Project Constraints and Opportunities

Public Comment

Wrap up and Next Steps

Adjourn
Issues/Concerns raised by the Community Sounding Board and stakeholder interviews with neighborhood associations:
Opportunities raised by the Community Sounding Board and stakeholder interviews with neighborhood associations:

- Water-feature
- Contact-with-nature
- Peaceful-recreation
- Education-and-Interpretation
- Improved-water-resource
- Historic-resources
- Natural-landscaping
- Public-access
- Community-improvement
Overall Purpose:

- Meet modern **public health** practices and standards
- Make the water system more **reliable and resilient**.
- Create new facilities that can serve Portland for the **next 100 years**.
Project Drivers:

- **Aging**: Reservoirs were typically designed for 100 years and are now 120 years old.

- **Seismic**: Reservoirs were not designed to withstand earthquakes.

- **Landslide area**: Affects both reservoirs.

- **Federal health and safety regulations**: Require covering the drinking water supply.
Intent of Visible Features Process

Ensure the Visible Features of the reservoir improvements project respect the park and the historic character of the existing features, and reflect the values of the community it serves.
Goals and Objectives

Washington Park Reservoir Improvements Project

Process Flowchart

- PWB + PARKS
- PUBLIC + SOUNDING BOARD
- PUBLIC INPUT
- CITY OF PORTLAND

GOALS AND OBJECTIVES

OPTIONS
- A
- B
- C
- D, ETC...

VISIBLE FEATURES + WP WATER SYSTEM

EVALUATION
Visible Features Goals and Objectives

- Be good stewards of public funds
- Respect historic resources
- Be a good neighbor
- Enhance park experience
- Support sustainability
Design Process
Washington Park Reservoir Improvements Project

Design Process

Process Flowchart

- PWB + PARKS
- PUBLIC + SOUNDING BOARD
- PUBLIC INPUT
- CITY OF PORTLAND
- GOALS AND OBJECTIVES
- DESIGN AND PROGRAM REQUIREMENTS
- OPTIONS: A, B, C, D, ETC...
- VISIBLE FEATURES + WP WATER SYSTEM
- EVALUATION
Historic Preservation
Washington Park Reservoir Improvements Project

Preserving Historic Character

Cal Anderson Park, Seattle

Historic Preservation
Washington Park Reservoir Improvements Project

Preserving Historic Character

Cal Anderson Park, Seattle
Garfield Park, Indianapolis
Historic Preservation

Historic Changes

1893

1875 2025
Historic Changes

1897 landslide
damage to lining and
bulkhead

1898 landslide

1904 relining

1912 Construction of entry
plaza and Grand Staircase

Historic Preservation
Historic Preservation

Historic Changes

1915-1924

1919 west lining breaks
1920 generator building built
Historic Preservation

Historic Changes

1925-1949

1946 weir house built

1875

2025
Historic Changes

1950-1974

1950 new pump house roof
1950s chlorine building built
1958 lining repair
1950s pump house 2 built
1970 lining repair
Historic Preservation

Historic Changes

1975-TODAY

1875

2025

1976 new parapet wall & access ramp
1980 door and windows replaced
1976 expanded pump house 2 complex
pump house shed removed
windows infilled
door replaced
1976 dam repairs
Design Parameters
Design Parameters

Site Overview

Washington Park Reservoir Improvements Project
Washington Park Reservoir Improvements Project

Physical Constraints

Landslide

Design Parameters

WASHINGTON PARK

HISTORIC BOUNDARY

RESERVOIR 3

10' MINIMUM OFFSET DISTANCE

RESERVOIR 4

LANDSLIDE AREA
Washington Park Reservoir Improvements Project

Physical Constraints

Landslide

Design Parameters

Non-Buildable

Buildable

Res 4
Surface Elevation

A = Alternative Drinking Water Surface Elevation

Design Parameters
Washington Park Reservoir Improvements Project

Operational Targets

Water Surface Elevation

Design Parameters

299.5 ft
WF = Water Feature Surface Elevation

Water Surface Elevation

Design Parameters
WF = Water Feature Surface Elevation
A = Alternative Drinking Water Surface Elevation
Washington Park Reservoir Improvements Project

**Operational Targets**

Storage Capacity:
- **Mayfair:** 5.6 MG
- **Reservoir 3:** 16 MG
- **Sam Jackson 2:** 3 MG

**Water Surface Elevation:** 299.5 ft

**Design Parameters**

- **Storage Capacity**
Washington Park Reservoir Improvements Project

Operational Targets

Water Surface Elevation

Design Parameters
Volume

Design Parameters
Washington Park Reservoir Improvements Project

**Operational Targets**

**West Side Storage at 299.5 ft**

**Current Capacity (25 MG)**

**Design Parameters**
Washington Park Reservoir Improvements Project

**Operational Targets**

West Side Storage at 299.5 ft

**Design Parameters**
Washington Park Reservoir Improvements Project

Operational Targets

West Side Storage at 299.5 ft

Currently 2.6 Days of Storage
Future 2.4 Days of Storage
Average Daily Use (9.7 MG)

Design Parameters
System Storage

- West Side Storage
- East Side Storage

Volume

Design Parameters
Washington Park Reservoir Improvements Project

Operational Targets

West Side Storage

- Mayfair and Sam Jackson
- Reservoir 3
Character and Activities
Washington Park Reservoir Improvements Project

Goals and Objectives

- PWB + PARKS
- PUBLIC + SOUNDING BOARD
- PUBLIC INPUT
- CITY OF PORTLAND

Design and Program Requirements

- GOALS AND OBJECTIVES

Options

- A
- B
- C
- D, ETC...

Visible Features + WP Water System

Evaluation
Visible Features Goals and Objectives

• Be good stewards of public funds
• Respect historic resources
• Be a good neighbor
• Enhance park experience
• Support sustainability
Opportunities raised by the Community Sounding Board and stakeholder interviews with neighborhood associations:

- Water-feature
- Contact-with-nature
- Natural-landscaping
- Peaceful-recreation
- Public-access
- Education-and-Interpretation
- Improved-water-resource
- Historic-resources

Character and Activities
Sounding Board Discussion
Public Comments
Next Steps
Washington Park Reservoir Improvements Project

Process Flowchart

1. PWB + PARKS
2. PUBLIC + SOUNDiNG BOARD
3. PUBLIC INPUT
4. CITY OF PORTLAND

GOALS AND OBJECTIVES

OPTIONS
A
B
C
D

VISIBLE FEATURES + WP WATER SYSTEM

Next Steps
Next Community Sounding Board meetings

• Tuesday August 20\textsuperscript{th} 6-8pm
• Week of September 9\textsuperscript{th}