

TVWD Water Supply Improvements Implementation Concepts

TVWD Board Work Session
April 30, 2013



Concepts for Implementation of Future Water Supply Portfolio

Objectives

- Formalize decision to adopt the Mid-Willamette as the District's preferred future source option
- Provide policy direction on moving forward with implementation of Willamette Supply Improvements
- Acknowledge importance of a portfolio of supply options
 - Robust water system to support the regional economy
 - Reliability of supply through redundancy
 - Commitment to quality
 - Value of ownership & control of supply



Concepts for Implementation of Future Water Supply Portfolio

Key Components

- Near-Term Infrastructure Implementation
 - SW 124th
 - Supply System Preliminary Design
 - Additional Services
- Agreements with Partners
- TVWD Policies
 - Multiple sources of supply
 - Resolution 11-07 adopting TBWSP as preferred supply option
 - Ordinance 1-01 requiring vote before using Willamette
 - Commitment to ongoing public information & outreach



Near-Term Infrastructure

- SW 124th
 - Proceed with final design of SW 124th
 - Agreement with Washington County
 - Construct pipeline segment
- Supply System Preliminary Design
 - Prepare preliminary design of supply system
 - Pipeline alignment options
 - Refine hydraulics; pipe size, reservoir elevation, supply points
 - Establish pipeline design guidelines & project standards
 - Identify permitting requirements
 - Establish overall schedule, cost & cash flow for supply program



Near-Term Infrastructure

- Additional Services
 - Public affairs strategy
 - Public outreach
 - Property acquisition support
- Easements, Rights of Way & Property Acquisition



Coordination & Agreements with Partners

- Next Steps
 - Wilsonville – briefing & coordination (May 2 & future)
 - WRWC – briefing (May 1) & notice (May 30)
- Near-Term: Project Agreements
 - SW 124th Design (Partners and Washington County)
 - Supply System Preliminary Design
 - Additional Services



Coordination & Agreements with Partners

- Longer-Term: Partnership Governance (existing & new)
 - Design, construction, operation, maintenance, upgrades
 - Property rights
 - Contributed assets
 - Transmission system (pipeline & reservoir)
 - Water treatment plant



TVWD Policies

- Commitment to have multiple sources of supply
 - Reliability through redundancy
 - Partnerships to realize regional benefits & cost savings
- Resolution 11-07: Resolution Adopting TBWSP as Preferred Water Supply Option
 - Need to repeal and adopt new water supply strategy



TVWD Policies

- Ordinance 1-01: No historic or legal requirement for voter approval of source of supply
 - Portland agreements & facilities
 - JWC agreements & facilities
 - ASR facilities
- Ordinance 1-01: Ordinance Requiring Voter Approval Prior to Use Within the District of the Willamette River for Drinking Water Purposes
 - Self-imposed policy adopted by TVWD Board 12 years ago
 - Before current Portland agreement; public questions & unknowns; Willamette wasn't in use



TVWD Policies

- Ordinance 1-01
 - “... use of the Willamette River for drinking water purposes ... is of public interest, which should have public debate and discussion;” and
 - “The District shall not provide drinking water from the Willamette River to users of the District’s water distribution system ... unless it has submitted the question to the District’s voters ...”
- Ordinance 1-01 was a policy statement to commit to obtaining public input prior to TVWD using what was, at the time, an undeveloped and unproven source



TVWD Policies

- Ordinance 1-01 - Possible Options
 - Conduct further “debate and discussion”
 - Conduct vote
 - Repeal
- Discussion
 - Why?
 - Why Now?



Ordinance Concepts to Implement Future Water Supply Portfolio

- Commitment to multiple sources of supply
- Repeal resolution 11-07 that adopted TBWSP
- Formalize decision to adopt Mid-Willamette as future supply option to be complete by June 30, 2026
- Proceed with implementation of supply improvements
 - Conduct planning studies
 - Acquire properties, rights of way and easements
 - Proceed with design and construction



Ordinance Concepts to Implement Future Water Supply Portfolio

- Negotiate intergovernmental agreements to formalize partnerships to realize regional benefits & cost savings
- Repeal Ordinance 1-01
 - Long-term performance of existing WTP demonstrates that Mid-Willamette is a reliable, high quality source
 - Public comments during recent supply planning studies show that Mid-Willamette is accepted as a reliable source
- Continue to provide public outreach regarding the Willamette as a reliable future water supply

