



F. E. Weymouth Water Treatment Plant Filter Valve Replacement

Engineering & Operations Committee

Item 8-2

November 13, 2017

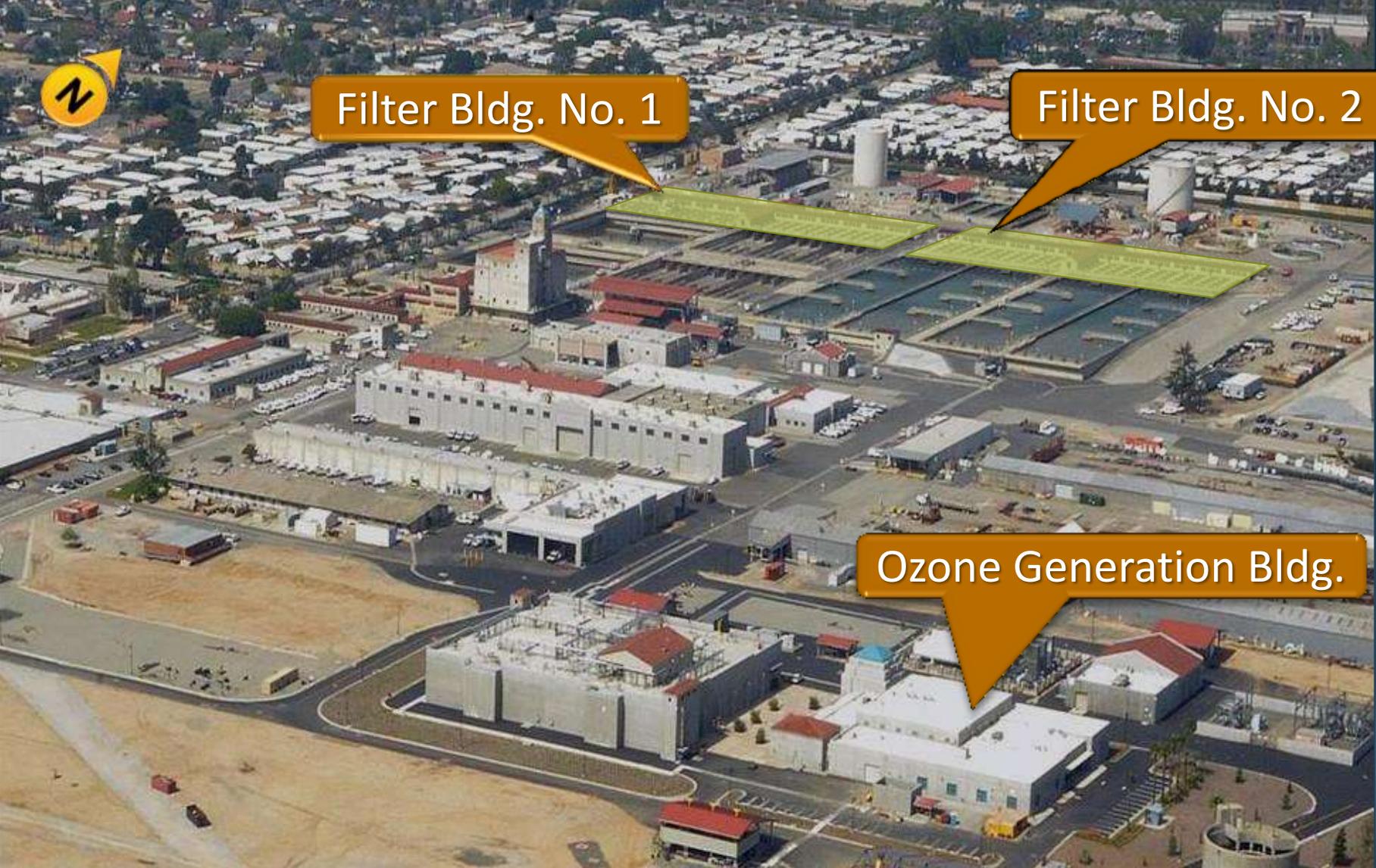
Current Action

- Appropriate \$7,170,000
- Award two procurement contracts for a total of 236 butterfly valves & actuators for the Weymouth plant
 - \$4,866,067 contract to Crispin Valve, LLC for rubber-lined butterfly valves
 - \$771,984 contract to DeZURIK, Inc. for high-performance butterfly valves

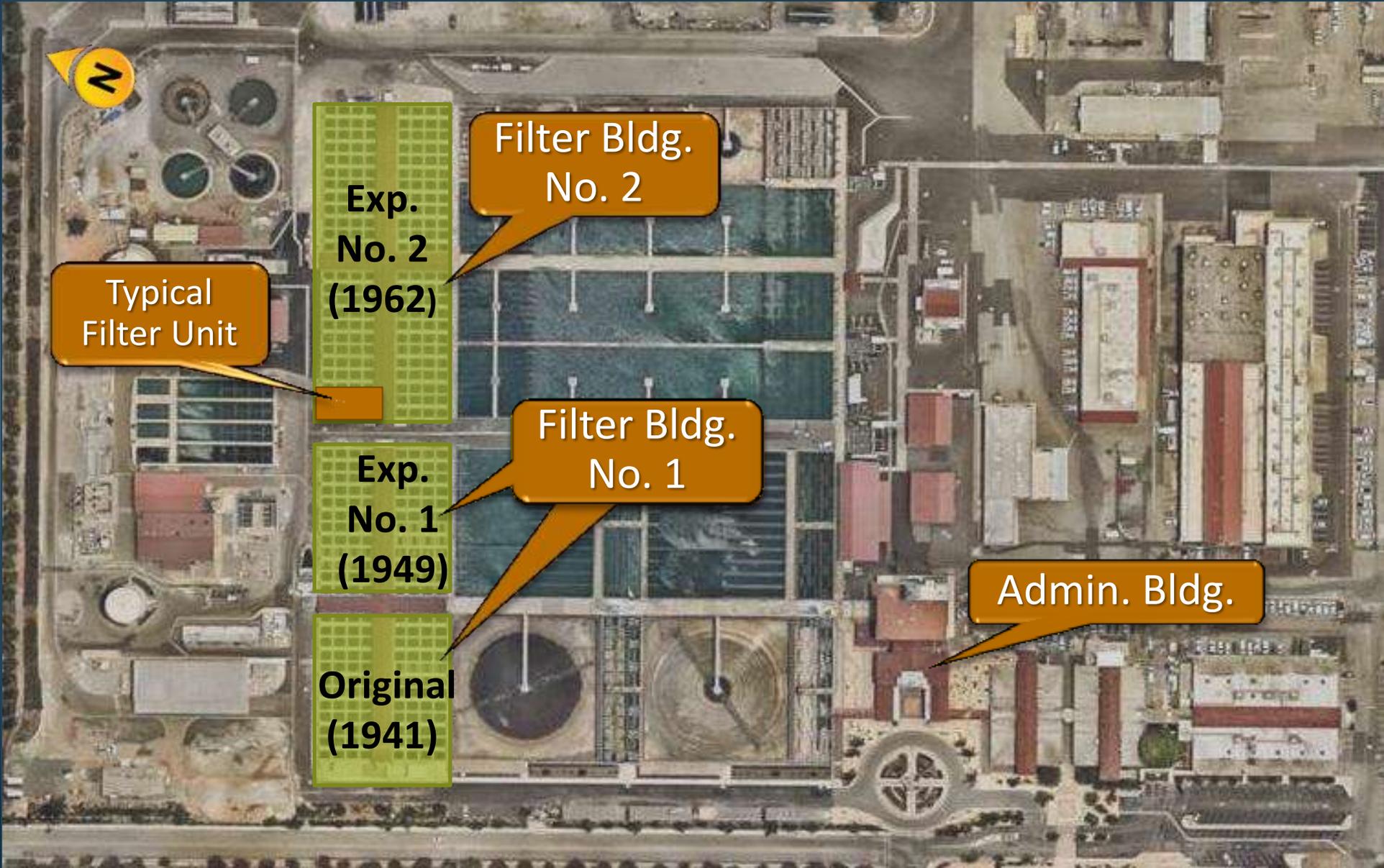
Location Map



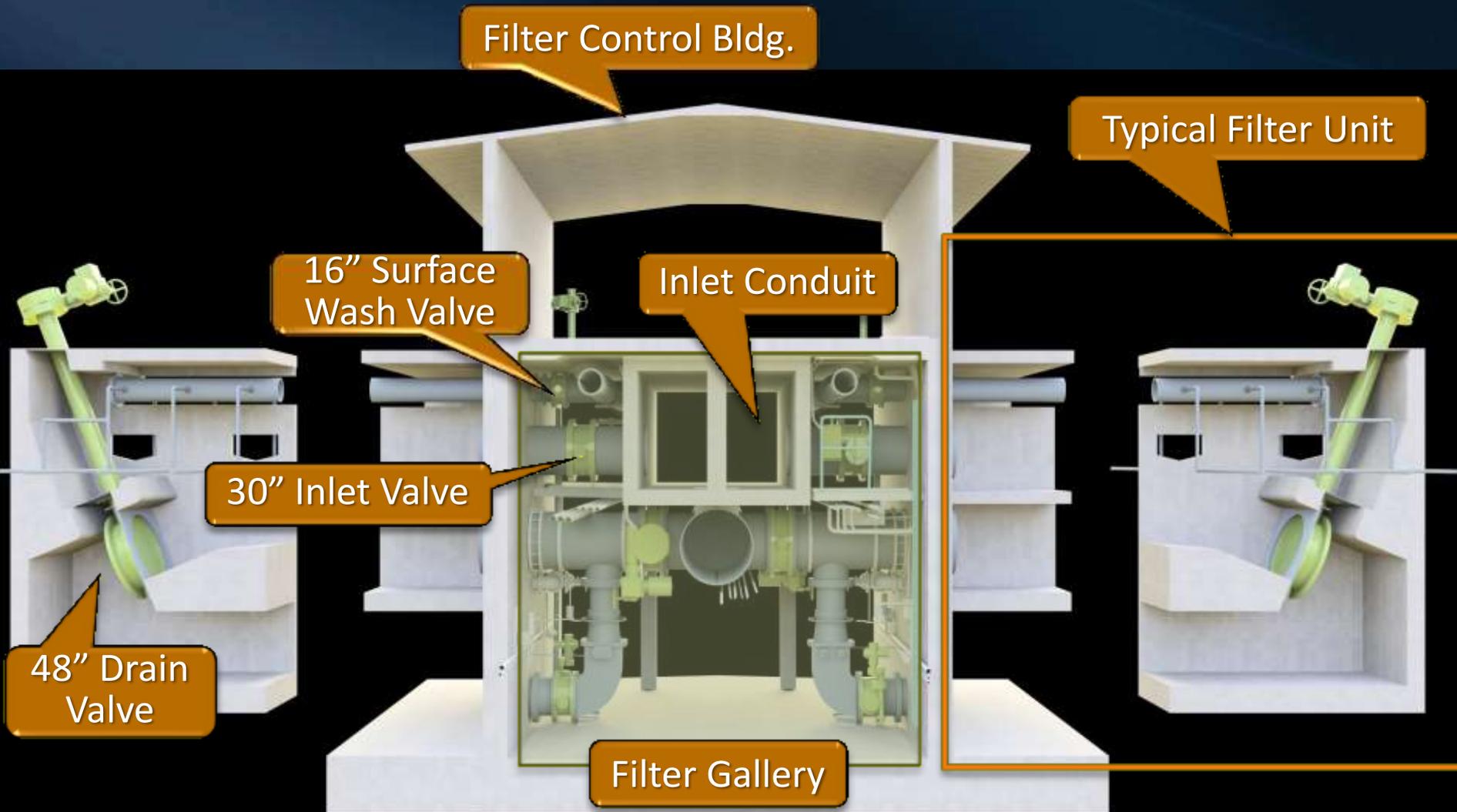
Weymouth Plant



Weymouth Filter Buildings



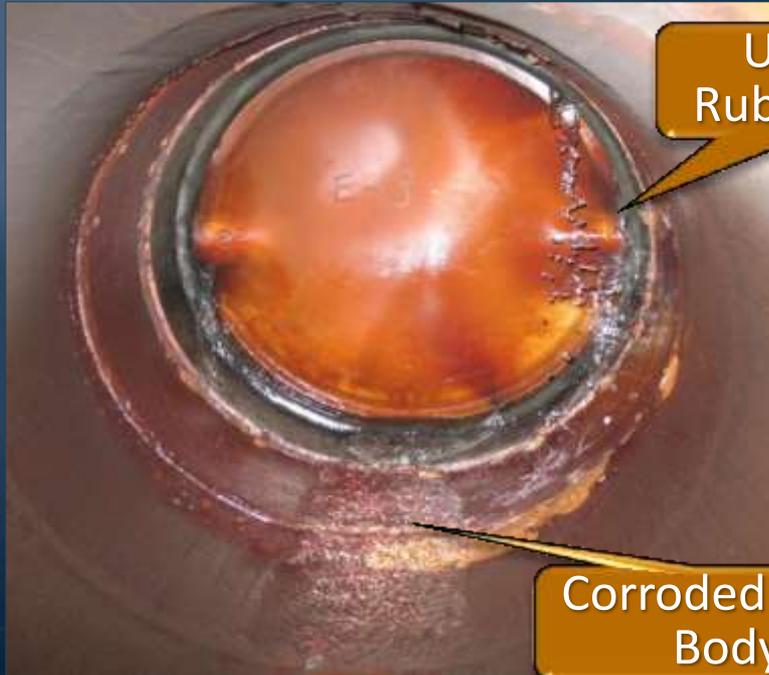
Filter Building No. 2



Weymouth Filter Valves

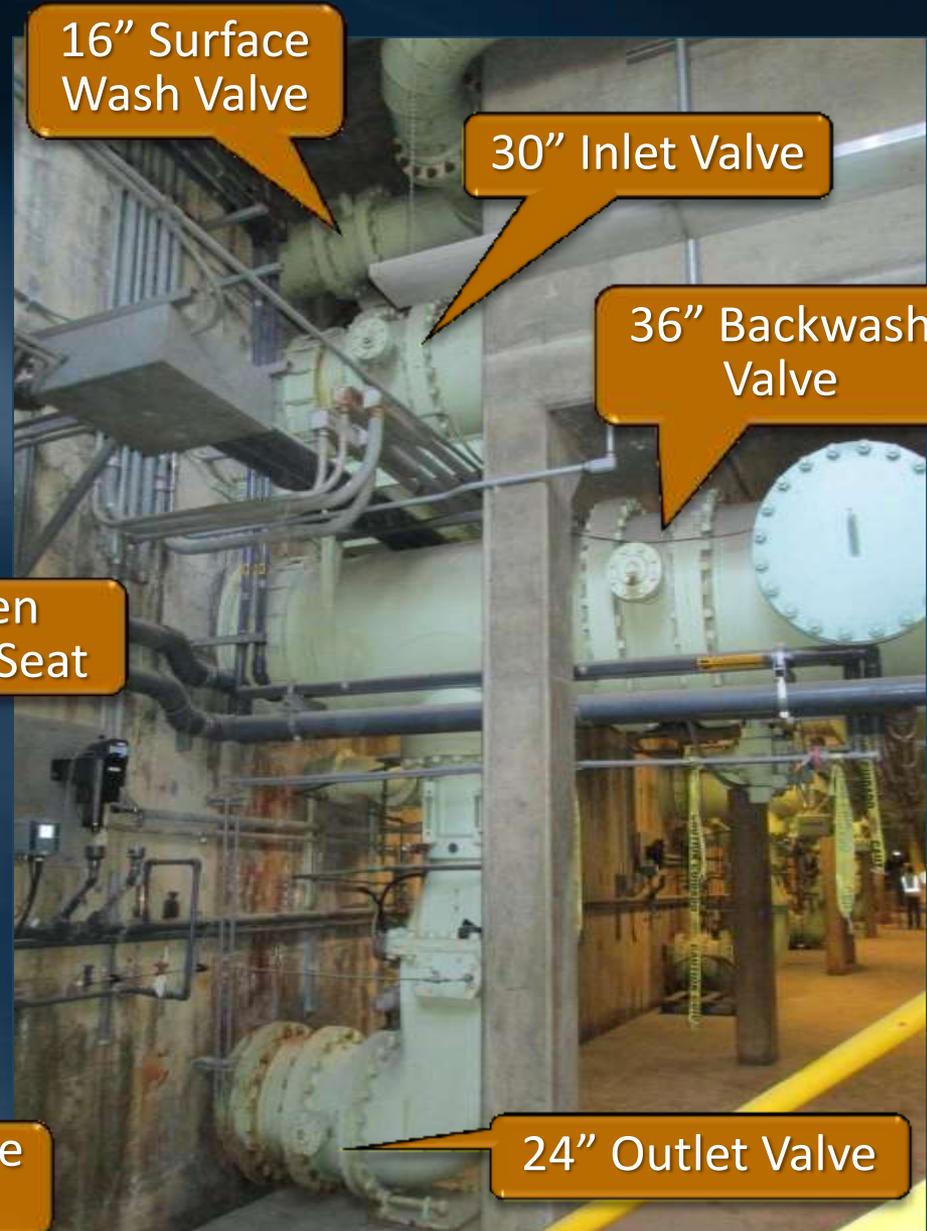
Background

- 45-55 yrs. in service
- Valve bodies corroded
- Worn rubber seats – leakage
- Dimensions different from modern AWWA-standard



Uneven Rubber Seat

Corroded Valve Body



16" Surface Wash Valve

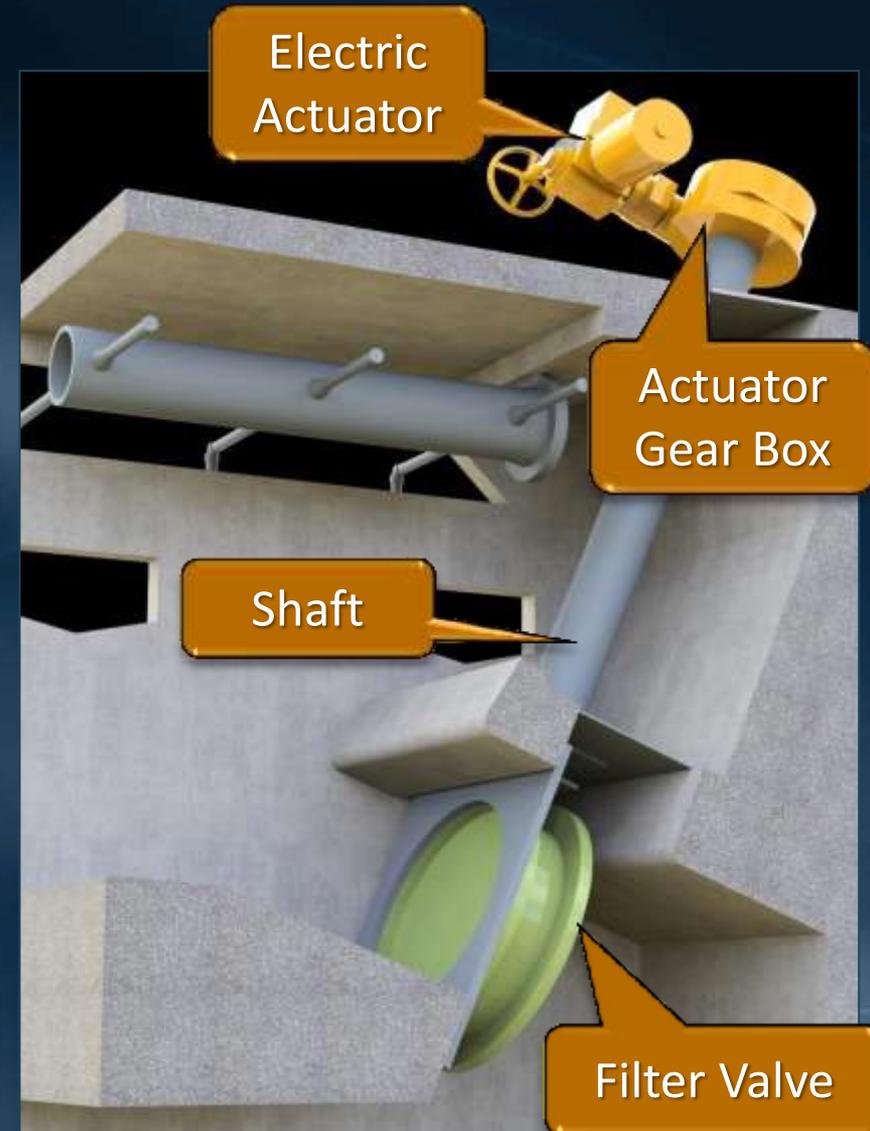
30" Inlet Valve

36" Backwash Valve

24" Outlet Valve

Weymouth Filter Valve Procurement

- Vendor Scope
 - Manufacture 236 integrated units that combine valves, gear boxes, valve shafts & electric actuators
- Metropolitan Scope
 - Factory fabrication inspection & functional testing
 - Review of submittals & RFIs
 - Contract administration



Bid Results – Procurement Contract No. 1

Specifications No. 1817 - Schedule 1

179 Rubber-lined butterfly valves with actuators

Bids Received:	July 13, 2017
No. of Bidders:	7
Low Responsive Bidder:	Crispin Valve, LLC
Low Responsive Bid:	\$4,866,067
Range of Est. Cost :	\$4.5 M to \$5.1 M

* Includes sales and use taxes of 7.75 percent imposed by the state of California

Bid Evaluation – Schedule 1

Bidder & Location	Base Bid Price Total	Determination	Comment
VAG USA, LLC Cranberry Township, PA	\$3,734,668	Non-responsive	Terms & conditions deviated from specifications
ABCO Trading Company Los Angeles, CA	\$4,185,217	Non-responsive	Did not meet minimum experience
Water Technology Resources Bloomington, MN	\$4,188,796	Non-responsive	Did not meet minimum experience
Crispin Valve, LLC Berwick, PA	\$4,886,067	Lowest Responsive Bid	Complies w/ requirements
Integrated Process Technologies Tempe, AZ	\$5,212,706	N/A	N/A
Val-Matic Elmhurst, IL	\$5,410,750	N/A	N/A
Henry Pratt Company Aurora, IL	\$6,946,332	N/A	N/A

Bid Results – Procurement Contract No. 2

Specifications No. 1817 - Schedule 2

57 High-performance butterfly valves with actuators

Bids Received:	July 13, 2017
No. of Bidders:	6
Low Bidder:	DeZURIK, Inc.
Low Bid:	\$771,984
Range of Est. Cost :	\$1.2 M to \$1.6 M

* Includes sales and use taxes of 7.75 percent imposed by the state of California

Requested Funds

Procurement Contracts

Crispin Valve, LLC \$ 4,866,067

DeZURIK, Inc. 771,984

Labor

Contract admin. & program mgmt. 190,000

Submittals review 220,000

Fabrication inspection 415,000

Functional testing 160,000

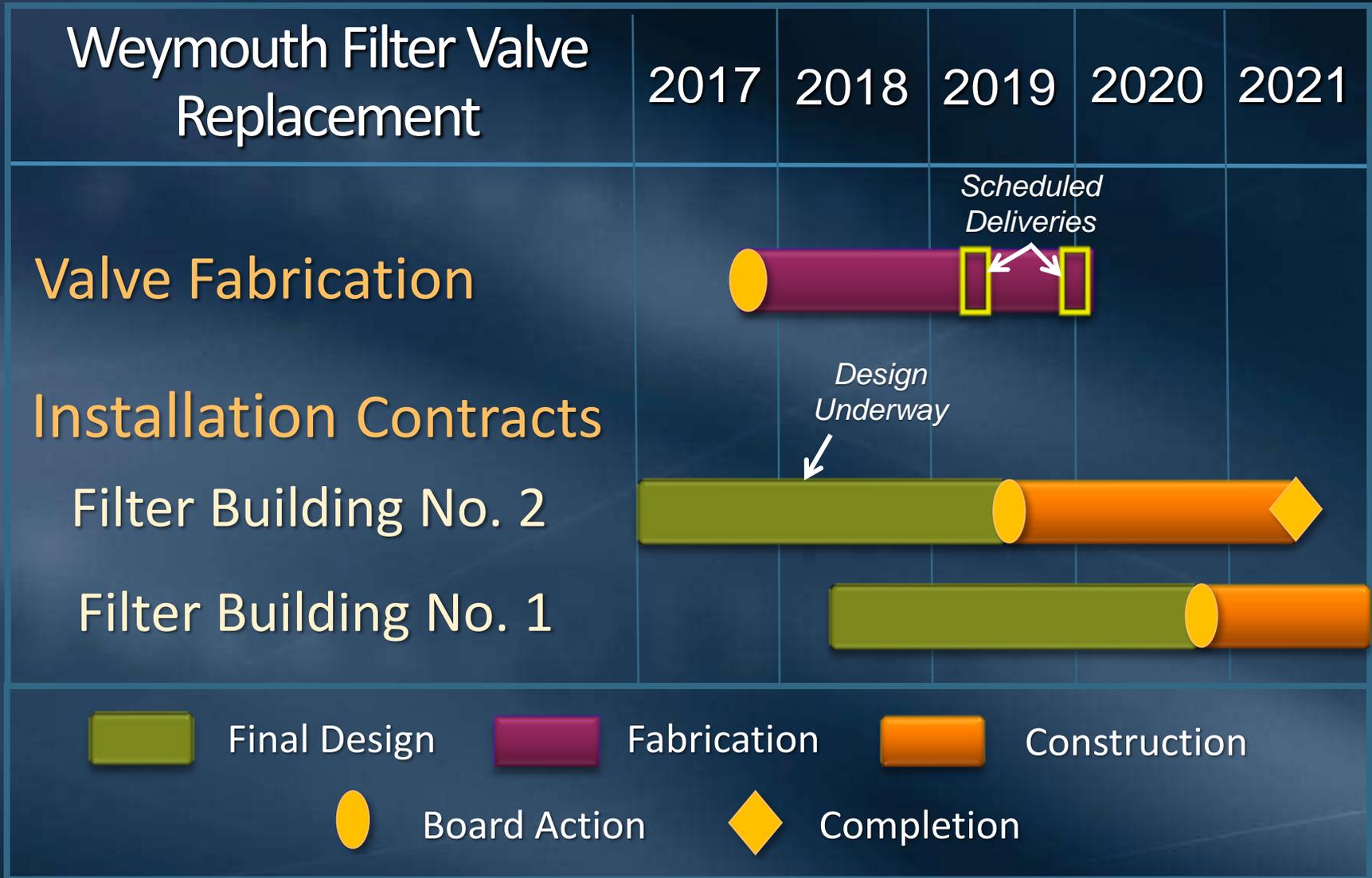
Storage 150,000

Remaining Budget 396,949

Total \$7,170,000

Total est. project cost for both filter buildings - \$22M to \$25M

Project Schedule



Board Options

● Option #1

- Adopt CEQA determination that the proposed action was previously addressed in the certified 2005 Final EIR, Findings, SOC & MMRP
- Appropriate \$7,170,000
- Award \$4,866,067 procurement contract to Crispin Valve, LLC for rubber-lined butterfly valves & actuators for the Weymouth plant
- Award \$771,984 procurement contract to DeZURIK, Inc. for high-performance butterfly valves & actuators

● Option #2

- Do not award the procurement contracts at this time

Staff Recommendation

- Option #1

