



Quarterly Progress Report: West Point Treatment Plant Repairs

PRESENTED TO THE
METROPOLITAN WATER POLLUTION ABATEMENT ADVISORY COMMITTEE

MAY 24, 2017

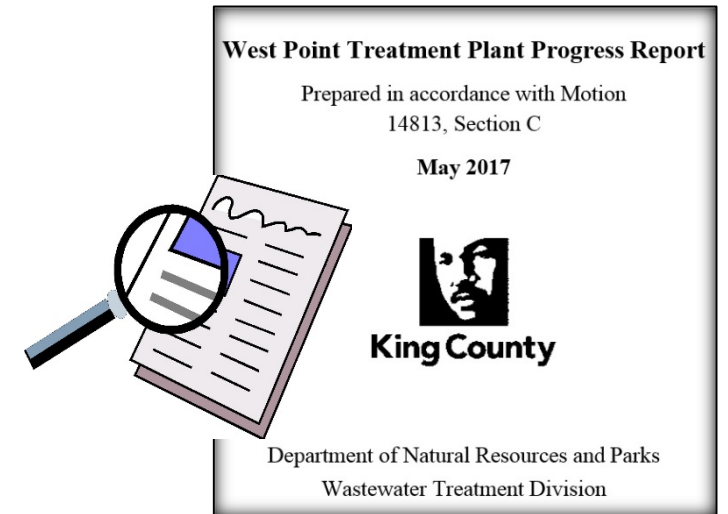
Restoration of the West Point Treatment Plant

- ▶ Plant fully operational on April 27 and in permit compliance as of May 11
- ▶ Long-term repair plan is underway
- ▶ Full restoration by the end of 2017



Quarterly Reporting Requirements

- ▶ **Current Estimate** of the total costs of the repairs
- ▶ **Contracts Utilized** – Vendor, Value, Type of work
- ▶ **Expenditures** – Previous, Anticipated, To-date
- ▶ **Procurement Actions** – Completed and Anticipated
- ▶ **Insurance Claims Status**



Estimate to Complete Restoration

- ▶ **Estimated \$49 to \$57 million in total restoration costs**
 - ▶ Clean-up, Sanitation and Demolition
 - ▶ Construction, Safety and Mobilization
 - ▶ Mechanical, Electrical, Controls & Biological Systems
 - ▶ Staff Labor, Consulting, Engineering & CM Services
 - ▶ Contingency & Risk



Contracts Utilized

- ▶ Emergency contracts ensured immediate response



Contracting Requirements

- ▶ Emergency waiver eliminated a lengthy competitive process



- ▶ Existing and new contracts still comply with:
 - ▶ minimum wage
 - ▶ nondiscrimination
 - ▶ unfair contracting practices
 - ▶ unfair employment practices
 - ▶ nondiscrimination in benefits

Small Contractors & Supplier Firms

- ▶ Using small contractor and supplier firms where possible
- ▶ Additional work to fully restore the plant will be competitively procured



Contracts Procured Under Emergency Waiver

Construction

- ▶ Burke Electric
- ▶ Dutton Electric
- ▶ Valley Electric
- ▶ Hawk Mechanical

Engineering Services

- ▶ CH2M Hill

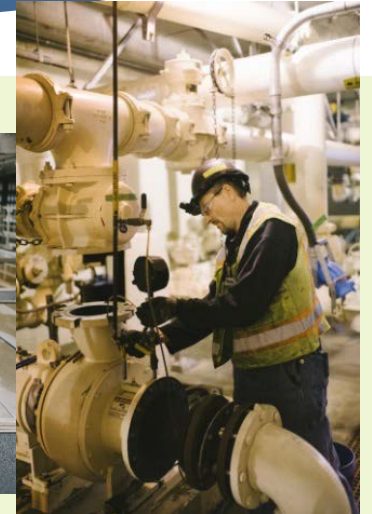
Construction Management Services

- ▶ Jacobs



Contracts Procured Under Normal Procurement Requirements

- ▶ **CH2M Hill** – Assessment Engineering & Cost Estimating
- ▶ **NRC Environmental** – Site Cleanup and Disinfection
- ▶ **National Safety** – Supplies
- ▶ **Delta Electric Motor Pacific** – Motors
- ▶ **Mobile** – Temporary Facilities
- ▶ **Industrial Boiler Service** – Equipment Repair
- ▶ **Electrical Reliability** – Equipment Diagnostics
- ▶ **Service Micro Motion** – Electronic Control Equipment
- ▶ **Marsh Risk Consulting** – Accounting and Claims Services



First Quarter Progress

- ▶ \$2 million spent through the end of the first quarter
- ▶ \$7.5 to \$9.7 million anticipated during the next quarter



Status of Insurance Claims

- ▶ Restoration costs are expected to be covered by insurance minus a \$250,000 deductible, fines and penalties, and environmental and water quality monitoring
- ▶ King County carries a total of \$500 million in property insurance coverage for its wastewater treatment infrastructure, with a \$250 million sub-limit for flood-related damage



Major Work Remaining This Year

Replace or repair the remaining:

- ▶ 83 of 151 damaged electric **motors**
- ▶ 36 of 97 flooded **pumps**
- ▶ 120 of 200 flooded electrical **motor control centers**
- ▶ 100 of 125 flooded electrical **panels**
- ▶ 25 flooded electrical **transformers**
- ▶ 100 of 125 flooded local electrical **control stations**
- ▶ more than 1000 flooded **light fixtures**
- ▶ more than 1200 flooded **outlets** and **switches**
- ▶ 140 of more than 200 flooded **solenoids**
- ▶ 60 of 125 flooded **instruments**
- ▶ 30 percent of the miles of flooded **insulation**
- ▶ 10 flooded automated **Ovation system controls**



Outreach

- ▶ Continued outreach on future contracting opportunities
- ▶ Prioritizing competitive bidding
- ▶ Host consultant and contractor outreach forums
- ▶ Encourage contractors to utilize Small Contractor and Supplier (SCS) firms to further equity and social justice goals
- ▶ Report use of SCS firms in a procurement database



Next Steps

- ▶ Focusing on remaining work
- ▶ Permanent repairs where temporary solutions were necessary
- ▶ Identification of additional repairs
- ▶ Next quarterly progress report
- ▶ Quarterly reporting extends through May 31, 2018

2017				2018			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4



Questions?

