

Master Plan for Resiliency and Recovery of King County's Regional Wastewater Treatment Facilities

General Scope of the Project

- Develop a comprehensive strategy for preparing WTD's conveyance and treatment facilities for the impacts of a major earthquake and developing the ability to recover quickly and efficiently
- Identify specific vulnerabilities and mitigation actions that can be taken to reduce impacts and increase system resiliency

Consultant Services to be requested

Develop with WTD our strategic resiliency approach and a master plan that will include:

- Assessment of individual WTD facilities
- A prioritized plan to address vulnerabilities found
- Required actions for rapid recovery of the system post event

Project Approach

- Review and incorporate best available data (seismic, regional emergency planning, and historic organizational data of WTD), fill data gaps as required
- Form a team of consultant subject area experts and WTD operations and maintenance staff (area specific)
- Complete focused review of existing facilities in the field by area specific teams
- Based on research and field work develop prioritized list of improvement projects to be addressed to increase system resiliency
- Develop recovery approach and put in place elements of the approach, as possible, to reduce recovery time from a major event, address long term power outage, regional travel impediments and lack of supply materials

Estimated Schedule

- Request for Proposals (RFP) advertised: **Q2 of 2016**
- Work begins with refinement of project scope: **Q3 of 2016**
- Master Plan to be complete by: **Q4 2017**

MWPAAC Input and Involvement

- Input on current approach- **Comments by March 10**
- Potential formation of a 3-5 member Task Force? Commitment of 3-4 meetings between June 2016 and Dec. 2017

Questions, Comments, Suggestions?