



Regional Recycled Water Program

Agreements for Preparation of Program's Env. Documentation and
Advanced Water Treatment Engineering Support

Engineering and Operations Committee

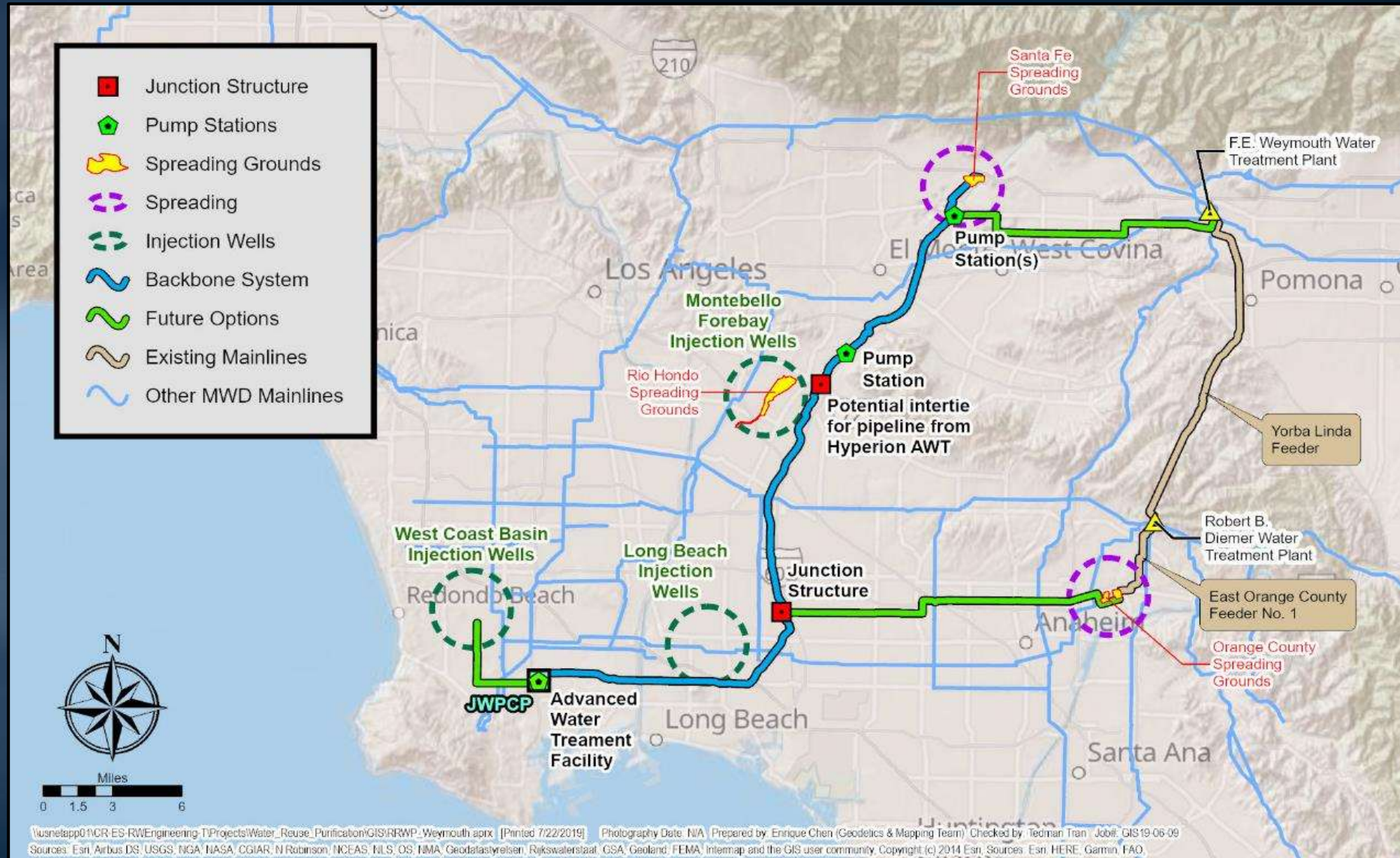
Item 7-3

October 11, 2021

Current Action

- Authorize an agreement with Helix Environmental Planning, Inc., in an amount not to exceed \$2.8 million, to prepare environmental documentation for the Regional Recycled Water Program
- Authorize an agreement with Stantec Consulting Services Inc., in an amount not to exceed \$6.5 million for engineering and technical studies to support the environmental planning phase of the Program

Regional Recycled Water Program



Joint Water Pollution Control Plant



RRWP Env. Planning Phase Activities

● Recent Accomplishments

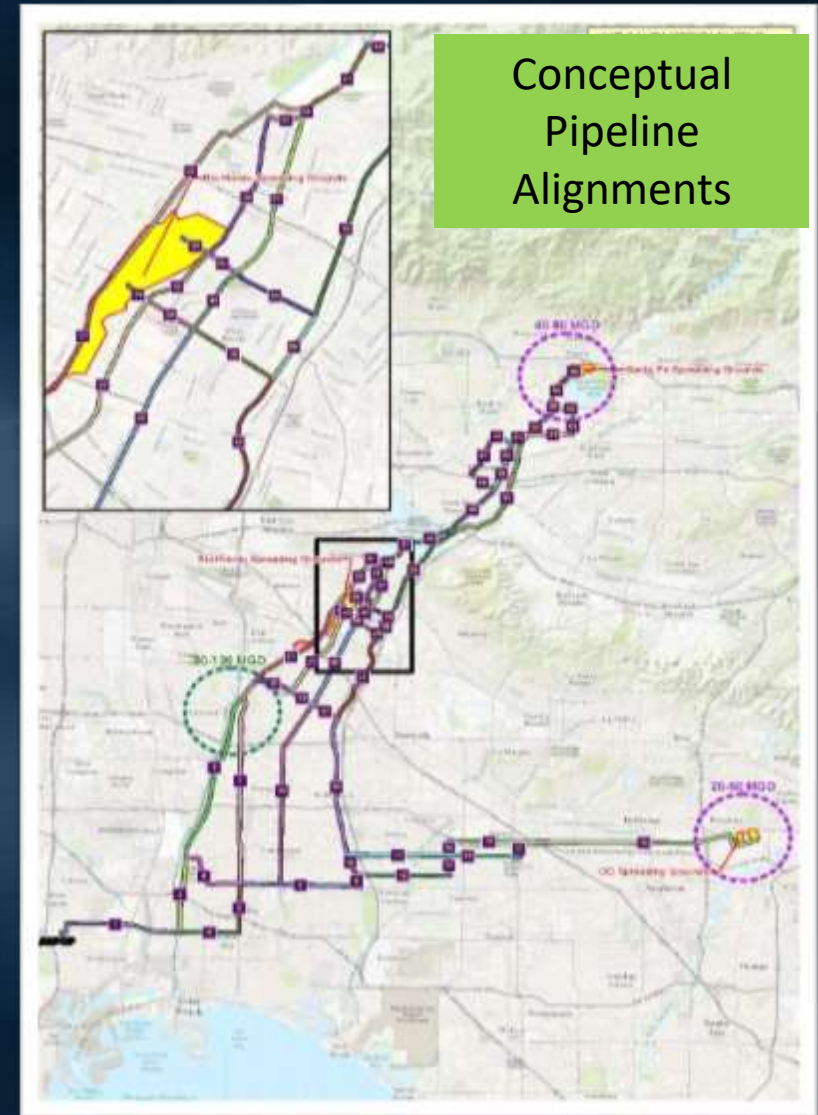
- Board authorized preparation of environmental documentation & technical studies for RRWP
- Amendments & agreements with LACSD and SNWA
- Public outreach consultants selected for on-call services
- Authorized agreement for conveyance engineering support
- Authorized agreement for demonstration testing & operation

● Current Action

- Authorize agreements for environmental documentation and Advanced Water Treatment (AWT) engineering support

Environmental Planning Support

- Preparation of env. documentation
 - Program EIR per CEQA guidelines
 - “CEQA-Plus” for Federal funding
- Coordination with LACSD and AWT & conveyance consultants
- Regulatory permit assessment
- Public outreach support



AWT Engineering Support

- Support environmental planning needs
- Finalize preferred AWT process
- Coordinate with LACSD on biological nitrogen removal process
- Develop full-scale conceptual facilities plan
- Assess DPR approaches and associated program components
- Evaluate power and energy sustainability
- Update program-level AWT costs



Conceptual Configuration
Full-Scale AWT Facility

Alternatives Considered

- All work by Metropolitan staff
- All work by consultant
- Hybrid approach (selected option)
 - Metropolitan staff – perform project management, technical oversight, coordination w/ regulatory agencies
 - Consultant – provide specialized technical expertise

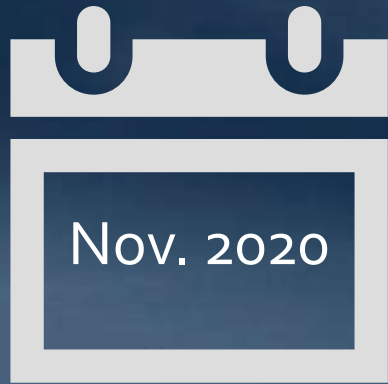
New Agreement – Helix Environmental Planning, Inc.

- Competitively selected under RFP No. 1285
- Scope of Work
 - Prepare Program EIR and “CEQA-Plus” documents
 - Assess potential alternatives and environmental impacts
 - Prepare Mitigation Monitoring and Reporting Plan to minimize environmental impacts
 - Distribute notices and documents per State CEQA Guidelines
 - Manage scoping meetings, support public outreach, and assess regulatory permit needs
- SBE/DVBE participation level – 25%
- NTE amount – \$2.8 million

New Agreement – Stantec Consulting Services Inc.

- Competitively selected under RFP No. 1283
- Scope of Work
 - Support environmental planning and CEQA documentation
 - Finalize preferred AWT process
 - Prepare full-scale AWT Conceptual Facilities Plan
 - Assess potential DPR facility sites and treatment technologies
 - Develop cost estimates and project schedule
 - Prepare DPR demonstration testing facility design, if needed
- SBE/DVBE participation level – 25%
- NTE amount – \$6.5 million

Program Schedule



Board Approval
of Next Steps

COMPLETED



Environmental
Planning

IN PROGRESS



Design and
Construction

FUTURE



Start-up and
Operations

FUTURE

Board Options

- Option #1

- a. Authorize an agreement with Helix Environmental Planning, Inc., in an amount not to exceed \$2.8 million for preparation of environmental documentation for the Regional Recycled Water Program; and
- b. Authorize an agreement with Stantec Consulting Services Inc., in an amount not to exceed \$6.5 million for engineering and technical studies to support environmental planning phase activities of the Regional Recycled Water Program.

- Option #2

- Do not proceed with the new agreements at this time.

Staff Recommendation

- Option #1

