



## MINUTES

### Supervisory Committee Meeting

Thursday, April 23, 2020; meeting held virtually through Microsoft Teams – 9 a.m.

South Platte Water Renewal Partners (SPWRP)

2900 South Platte River Drive, Englewood, CO 80110

### COMMITTEE MEMBERS PRESENT:

Maria D’Andrea	City of Englewood, Public Works Director
Shawn Lewis	City of Englewood, City Manager
Keith Reester	City of Littleton, Public Works Director
Mark Relph	City of Littleton, City Manager

### COMMITTEE MEMBERS ABSENT:

None

### STAFF PRESENT:

Blair Corning	SPWRP Deputy Director – Environmental Programs
Becca Erickson	SPWRP Engineer I
Samma Fox	City of Littleton, Assistant to the City Manager
Alyssa Hoffman	SPWRP Business Services Specialist
Jamie Langer	SPWRP Engineering Project Manager
Matt Montgomery	Hill & Robbins, SPWRP Attorney
David Robbins	Hill & Robbins, SPWRP Attorney
Anna Schroeder	SPWRP Engineer II
Pieter Van Ry	SPWRP Director
Brenda Varner	SPWRP Government Communications Specialist
Chong Woo	SPWRP Deputy Director – Engineering

### GUESTS:

Cynthia Lane	Platte Canyon Water & Sanitation District, Assistant Manager
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## I. Call to Order

The April Supervisory Committee (Committee) meeting was called to order by Pieter Van Ry, the Director of South Platte Water Renewal Partners (SPWRP). Director Van Ry welcomed everyone to the Microsoft Teams conference call.

## II. Consideration of Minutes for Previous Supervisory Committee Meetings

The March Supervisory Committee meeting minutes were approved unanimously via email by Committee Member Lewis, Committee Member Reester, Committee Member Relph and Committee Member D'Andrea on April 20, 2020.

## III. Action Item(s)

### Dewatering Facility Improvements Project – Professional Services:

Becca Erickson, SWRP Engineer I, discussed the SPWRP recommendation for approval of a professional services agreement with Jacobs Engineering Group, Inc., in the amount of \$124,706.00, for the Dewatering Facility Improvements Project (Project).

This Project will identify the critical areas needed for repair and replacement, provide the foundation for the design of dewatering improvements and develop a comprehensive implementation schedule to ensure that the dewatering process can continue to operate effectively long term.

By June 2023, SPWRP will be implementing chemical phosphorus removal in order to meet new State Regulations for nutrients. The addition of a chemical to complete the required phosphorus removal will result in a changed solids composition, as well as an increased quantity of solids produced. This forecasted increase in biosolids production, highlights the importance of this Project's successful implementation to ensure long-term effectiveness.

The Project will assess the future needs for solids storage, plan the sequence of repairs, replacements, upgrades and operational changes, evaluate the cost benefit of purchasing new hauling trucks, optimize polymer usage to increase efficiency, and develop an in-house polymer testing program. SPWRP staff developed a request for proposal for this Project and advertised it on the Rocky Mountain E-Purchasing System to find the best consultant. Six (6) proposals were received. Jacobs is the recommended consultant for the Project due to their past experience and technical capability in dewatering facilities, their clear understanding of the project, collaborative management approach, and competitive price.

***ACTION TAKEN – The Supervisory Committee considered the recommendation to approve a professional services agreement with Jacobs Engineering Group, Inc., in the amount of \$124,706.00, for the Dewatering Facility Improvements Project at the SPWRP facility. Committee Member D'Andrea moved to approve the recommendation. Committee Member Reester seconded the motion, four ayes, no nays. Motion approved.***

Pilot and Research Center – Professional Services:

Anna Schroeder, SWRP Engineer II, discussed the SPWRP recommendation for approval of a professional services agreement with Jacobs Engineering Group, Inc., in the amount of \$108,560.00, for the conceptual design of the Pilot and Research Center Project (PARC Project).

The PARC Project is the first step in a long-term program that allows SPWRP to be best positioned for future regulations by connecting SPWRP to the best emerging technologies. The Project reflects SPWRP's proactive planning to not only address future treatment demands, but also engage leaders in the wastewater industry to implement real progress and widespread innovation.

Through partnerships with vendors, consultants, nonprofits, and academia, SPWRP will serve the wastewater industry as a demonstration site for advanced wastewater treatment technologies, allowing for testing of technologies before deploying them on larger scales. SPWRP must balance its need for improving and replacing aging infrastructure, while still maintaining treatment requirements and planning for future regulations.

SPWRP staff developed a request for proposal for this PARC Project and advertised it on the Rocky Mountain E-Purchasing System to find the best consultant. Six (6) proposals were received. Jacobs is the recommended consultant for the PARC Project due to their piloting technical expertise, strong marketing and communication plan, and global outreach.

***ACTION TAKEN – The Supervisory Committee considered the recommendation to approve a professional services agreement with Jacobs Engineering Group, Inc., in the amount of \$108,560.00, for the Pilot and Research Center Project. Committee Member Lewis moved to approve the recommendation. Committee Member Relph seconded the motion, four ayes, no nays. Motion approved.***

#### IV. Informational Items

SPWRP staff discussed these informational items with the Committee:

- Chemical Phosphorus & UV Project Update – CMGC Selection
  - Jamie Langer, SPWRP Engineering Project Manager, discussed updates on the Chemical Phosphorus & UV Project (Project). SPWRP staff and Stantec, SPWRP's design engineer for this Project, conducted an Alternative Delivery Workshop to determine the best delivery method for the Project. This workshop used an objective decision matrix tool to determine the most optimal delivery approach for design and construction based on project goals, objectives, and constraints. Through this workshop the highest-ranked delivery method was Construction Manager/General Contractor (CMGC). CMGC fits best with the Project goals and objectives and SPWRP staff feels

comfortable with this approach from past projects such as Biogas and Civil/Electrical Projects.

SPWRP staff sent out a request for proposals for the CMGC approach and received four (4) proposals. SPWRP staff evaluated each of the four (4) companies and selected two (2) of the four (4) to interview. During the interviews, SPWRP staff reviewed each company's overview, studied each company's experience, and appraised how they would lead a Guaranteed Maximum Price (GMP) workshop. SPWRP staff selected PCL Contractors (PCL), who ranked highest overall, for the Project. The approval of the CMGC contract with PCL, for \$98,467.00, was within the SPWRP Director's approval authority, and Director Van Ry approved the contract.

The next steps for this Project, involve a full-scale chemical phosphorus demonstration and 60% design competition by the end of this year. SPWRP staff will bring the final design and a GMP workshop to the Committee for approval, during the first quarter of 2021. The Committee agreed with the direction SPWRP staff outlined for the Chemical Phosphorus and UV Project.

- Director Updates
  - Director Van Ry discussed an update on the Cost of Services, Administrative Fee analysis being completed by Stantec. New findings will be shared with both cities' Finance Directors within the next week for their review. After finance review, SPWRP staff plans to present these findings to the Committee during the May Supervisory Committee meeting.
  - Director Van Ry updated the Committee on the current staffing plan for the SPWRP facility, in relation to the ongoing COVID-19 pandemic.
  - Director Van Ry discussed presenting the Committee with SPWRP's new name suggestion, during the May Supervisory Committee meeting.
- Three (3)-Month Outlook for Supervisory Committee Action Items
- SPWRP Influent Flow and Load Summary:
  - The measured flow to SPWRP averaged 19.3 mgd in March 2020, which is an increase of approximately 0.8 mgd from March 2019. The measured flow split was 44.9 / 55.1 percent between the cities of Littleton and Englewood, respectively.
- Fiscal Management and Reporting
- SPWRP Plant Attorney Update
  - Matt Montgomery discussed how the Colorado Department of Public Health and Environment, Water Quality Control Division was moving forward with

regulation on PFAS in wastewater. Hill & Robbins will continue working closely with SPWRP's Regulatory Program staff, to provide report updates for SPWRP Management and the Supervisory Committee on the evolving situation.

## V. Adjournment

The next Supervisory Committee meeting is scheduled for Thursday, May 28, 2020 9:00 a.m. This meeting will be held virtually by using Microsoft Teams, until further notice.

Adjourned at 10:25 a.m.

Recording Secretary Signature \_\_\_\_\_

Brenda J. Varner

***The SPWRP Supervisory Committee approved the April 23, 2020 meeting minutes via email on May 22, 26 and June 18, 2020. Committee Member Lewis, Committee Member Reester, Committee Member D'Andrea, and Committee Member Relph voted; four ayes, no nays. Minutes approved.***