

MINUTES

Supervisory Committee Meeting

Thursday, August 27, 2020; meeting held virtually through Microsoft Teams – 9 a.m.

South Platte Renew (SPR)

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:

Kacie Allard	SPR Deputy Director – Business Solutions
Blair Corning	SPR Deputy Director – Environmental Programs
Dan DeLaughter	SPR Data & Regulatory Programs Manager
Samma Fox	City of Littleton, Assistant to the City Manager
Alyssa Hoffman	SPR Business Services Specialist
David Robbins	Hill & Robbins, SPR Attorney
Brian Tracy	SPR Deputy Director – Operations & Maintenance
Pieter Van Ry	SPR Director
Brenda Varner	SPR Government Communications Specialist
Chong Woo	SPR Deputy Director – Engineering

GUESTS:

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

The July Supervisory Committee (Committee) meeting was cancelled, and instead the annual Joint Council Study Session convened on Thursday, July 23, 2020.

The August Supervisory Committee meeting was called to order by Pieter Van Ry, Director of South Platte Renew (SPR). Director Van Ry welcomed everyone to the Microsoft Teams conference call.

II. Consideration of Minutes for Previous Supervisory Committee Meetings

June's Supervisory Committee meeting minutes were approved unanimously via email by Committee Member Reester, Committee Member D'Andrea, Committee Member Relph and Committee Member Lewis on July 21 and 23, 2020.

III. Action Item(s)

Chemical Purchase Order Recommendation:

Chong Woo, SPR Deputy Director – Engineering, presented the Committee with a recommendation to approve two purchase order amounts for additional process treatment chemicals, that are required as part of the Chemical Phosphorus Design Project. Ferric Sulfate would be purchased through Chemtrade Chemicals US LLC., in the amount of \$165,000, and Sodium Hydroxide would be purchased through DPC Industries, Inc., in the amount of \$155,000.

The Colorado Department of Public Health and Environment (CDPHE) Water Quality Control Commission (WQCC) instituted new nutrient limitations, Regulation No. 85, for phosphorus and nitrogen to be met by June 2023. SPR's existing treatment processes meet Regulation No. 85 nitrogen limits, but do not meet phosphorus limits.

Stantec Consulting Services, Inc., the design engineer chosen for the Chemical Phosphorus Project, has been working closely with SPR staff to determine the most optimal chemical phosphorus design to meet all future nutrient regulations, while incorporating facility-wide process integration to mitigate risk on existing treatment systems. Through initial study trials, it was determined that additional Ferric Sulfate is needed to treat to the desired phosphorus limits, as well as meet all existing effluent requirements. The addition of Ferric Sulfate revealed the potential to consume alkalinity. As a means to replenish alkalinity, SPR recommends injecting Sodium Hydroxide into the treatment scheme to ensure continual permit compliance.

The additional Ferric Sulfate and Sodium Hydroxide will be used in the full-scale demonstration study only. This study is an essential component of the Chemical Phosphorus Project as it will inform the design to ensure facility-wide process integration and long-term success of the future chemical phosphorus system. These additional volumes were not anticipated during development of the original 2020 SPR bulk chemical budget.

ACTION TAKEN – The Supervisory Committee considered the recommendation to approve two purchase order amounts for additional process treatment chemicals, which are required as part of the Chemical Phosphorus Design Project. Ferric Sulfate to be purchased through Chemtrade Chemicals US LLC., in the amount of \$165,000, and Sodium Hydroxide to be purchased through DPC Industries, Inc., in the amount of \$155,000. Committee Member D'Andrea moved to approve the recommendation, Committee Member Relph seconded the motion, four ayes, and zero nays. Motion approved.

IV. Informational Items

SPR staff discussed these informational items with the Committee:

- Dental Amalgam Update:
 - Blair Corning, SPR Deputy Director – Environmental Programs, presented the Committee with an update on the compliance status of the EPA’s Dental Discharge Rule. SPR’s Industrial Pretreatment staff are working with dentist offices within the SPR’s service area to prevent mercury from entering the wastewater treatment plant and the environment. There are 210 dentist offices within SPR’s service area, and 88% of these offices currently comply with EPA’s Dental Discharge Rule. The remaining 12% must be compliant before October 12, 2020. SPR’s Industrial Pretreatment staff are continuing their efforts towards reaching 100% compliance.
- Biogas Revenue Review
 - Chong Woo, SPR Deputy Director – Engineering, reviewed a draft memo that addresses councilmember inquiries brought up during the annual Joint Council Study Session meeting, held on Thursday, July 23, 2020, in regards to SPR’s Biogas Project. The Committee provided suggestions for additional explanation and clarification. SPR staff will present the finalized Biogas Memo to each City Manager, who will then deliver to their respective councils.
- PFAS Policy 20-1 Update
 - Blair Corning, SPR Deputy Director – Environmental Programs, and David Robbins, SPR legal counsel, discussed updates concerning the Water Quality Control Commission (WQCC) PFAS Policy 20-1 adoption. PFAS refers to a broad group of per and polyfluoroalkyl substances found in fire-fighting foams, industrial chemicals, and consumer products. In July 2020, WQCC approved the proposed PFAS policy that charts Colorado’s approach to regulating PFAS discharges to State waters. Deputy Director Corning reviewed SPR’s current activities and strategies undertaken related to PFAS. The Committee examined the challenges concerning PFAS Policy 20-1 implementation and recommended offering information to each city’s councilmembers in the form of a legally reviewed memo.
- Director’s Update
 - Director Van Ry discussed the current efforts of the Denver and Englewood Police Departments to address a homeless encampment along South Platte River Drive.
 - Director Van Ry discussed two important legislative tours to be held at the SPR facility, on August 27, 2020, and Friday, September 4, 2020. SPR is receiving state-level attention due to the biogas recovery project. In 2019, Colorado legislators passed aggressive carbon reduction targets into law. Since February, SPR has been monitoring Colorado’s legislative process surrounding a proposed bill on a renewable natural gas standard (HB20-

1018). Currently, we participate in a similar incentive program through the State of California. This proposed bill will allow the development of a comparable Colorado program so that renewable natural gas credits and the associated environmental benefits will stay within Colorado. If passed, this bill may also help SPR earn additional revenue from biogas recycling. Both legislators, who will be visiting SPR, support these initiatives.

- Director Van Ry informed the Committee about two awards SPR earned in 2020. The Water Environment Federation (WEF) bestowed SPR with a "WEF Utility of the Future Today" award, and the Rocky Mountain Water Environment Association (RMWEA) named SPR as a recipient of a "Friends of RMWEA" merit award.
- Three (3)-Month Outlook for Supervisory Committee Action Items
- SPR Influent Flow and Load Summary:
 - The measured flow to SPR averaged 17.9 mgd in July 2020, which is a decrease of approximately 0.8 mgd from July 2019. The measured flow split was 46.8 / 53.2 percent between the cities of Littleton and Englewood, respectively.
- Fiscal Management and Reporting
 - Staff included new information in SPR's monthly progress report involving aggregate purchases. This section highlights all SPR commodities purchases from a single vendor in excess of \$75,000.

V. Adjournment

The next Supervisory Committee meeting is scheduled for Thursday, September 24, 2020, at 9:00 a.m. This meeting will utilize Microsoft Teams, until further notice.

Adjourned at 10:02 a.m.

Recording Secretary Signature _____

Brenda J. Varner

The SPR Supervisory Committee approved the August 27, 2020 meeting minutes via email on September 28 and 29, 2020. Committee Member Relph, Committee Member Reester, Committee Member D'Andrea, and Committee Member Lewis voted; four ayes, no nays. Minutes approved.