

MINUTES

Supervisory Committee Meeting

Thursday, November 19, 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
Samma Fox	City of Littleton, Assistant to the City Manager
Alyssa Hoffman	SPR Business Services Specialist
Matt Montgomery	Hill & Robbins, SPR Attorney
David Robbins	Hill & Robbins, SPR Attorney
John Saturley	SPR Environmental Health & Safety Coordinator
Anna Schroeder	SPR Engineer II
Maria Sobota	City of Englewood, Director of Finance and Administrative Services
Brian Tracy	SPR Deputy Director – Operations & Maintenance
Pieter Van Ry	SPR Director
Chong Woo	SPR Deputy Director – Engineering

GUESTS:

Cynthia Lane	Platte Canyon Water & Sanitation District, District Assistant Manager
Pat Fitzgerald	Platte Canyon Water & Sanitation District, District Manager

I. Call to Order

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

II. Consideration of Minutes for Previous Supervisory Committee Meetings

The October 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 November 20, 2020.

III. Action Item(s)

Chemical Purchase Order Recommendation

Brian Tracy, SPR Deputy Director – Operations and Maintenance, and Anna Schroeder, SPR Engineer II, presented the Committee with a recommendation to increase existing purchase orders for additional process treatment chemicals required as part of the disinfection process in the amounts of \$41,190.05 for Sodium Hypochlorite and \$39,960.49 for Sodium Bisulfate.

The first component of this request stems from an underestimated chlorine budget by operations staff. Operations staff are asking for an additional \$20,000 in 2020 to accommodate the increase in chemical usage above the amount established as part of the 2020 budget process. As operations optimizes chemical usage, annual budgeting should continue to improve with minimal over/under budgeting.

The additional budget increase is a result of optimization efforts at the final treatment process at SPR, which is chlorine disinfection and dechlorination. This process involves adding chlorine to reduce E.coli levels to permissible levels and then removing chlorine through dechlorination. SPR is transitioning from an indirect chlorine dosing method to real-time chlorine concentration readings for chemical dose control by purchasing two (2) Hach CI-17sc units. These probes will adjust the dose immediately without operations staff oversight. While SPR transitions to this more stable and efficient chlorine monitoring and control method, staff anticipates using more sodium hypochlorite, resulting in an increase in sodium bisulfite (SBS), which is required to remove any chlorine residual and avoid permit violation. To begin the CI-17sc unit optimization trials, an increase in both sodium hypochlorite and sodium bisulfite is expected.

These items were presented to the Committee for approval as the additional funds will push the total purchase amount for these chemicals past the Director's authorization threshold of \$100,000.

ACTION TAKEN – *The Supervisory Committee considered the recommendation to approve the following increases to the open purchase order amounts for breakpoint chlorination chemicals:*

- ***Sodium Hypochlorite purchased through DPC Industries, Inc., to increase the existing purchase order amount by \$41,190.05.***
- ***Sodium Bisulfate purchased through Southern Ionics Incorporated, to increase the existing purchase order amount by \$39,960.49.***

Committee Member Lewis 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:

- SPR Safety Program Overview:
 - Blair Corning, SPR Deputy Director – Environmental Programs, and John Saturley, SPR Environmental Health & Safety Coordinator discussed with the Committee five ways in which SPR is creating a culture of safety at the plant:
 1. SPR is taking a new educational approach to safety with the 24/7 training program. This program allows SPR divisions to customize and select safety trainings that match the needs of the workgroup.
 2. SPR has improved the safety onboarding process for new employees by conducting a one (1) hour safety orientation within the first few days of the employee’s start date, creating a customizable safety training plan based on job hazards, and ensuring that new hires know where to find PPE and other safety equipment.
 3. SPR recently implemented a new emergency communication application, Crisis Go. This app has been installed on all employees’ work cellphones and will help coordinate emergency communications and response.
 4. SPR has been working with QualSafe Solutions, a company that assists staff with confined space entry by providing rescue planning, equipment, and services.
 5. SPR has revamped the internal Safety Committee by creating a group representative of all SPR divisions to increase communication and awareness across the organization.
- PFAS Update
 - Deputy Director Corning and David Robbins, SPR Attorney, informed the Committee of the current status of PFAS issues. The Colorado Department of Public Health and the Environment (CDPHE) has approved a policy with a 70 ng limit for PFAs. SPR staff are examining sampling data to identify PFAs contributors from service area industries and are working with consultants at AECOM to understand how PFAs in SPR’s process compare to wastewater plants nationwide.
- Director’s Update
 - Kacie Allard, Deputy Director – Business Solutions, discussed two (2) outreach programs for SPR. On Wednesday, November 18, SPR delivered food donations made by SPR staff to Englewood Schools in order to provide 100 Thanksgiving baskets to Englewood families in need this holiday season.

SPR staff embraced this opportunity to meet that goal by donating 100 cans of yams, 102 cans of corn, 100 cans of beans, 100 packages of stuffing, 85 aluminum roasting pans, and a number of other holiday essentials.

SPR is hosting its 4th Annual Grease and Oil Take-Back event from 9:00 a.m. to 12:00 p.m. on Saturday, November 28, 2020. Residents of the facility's entire service area can drop off up to 10 gallons of food and automotive oil per household for free. This year, SPR requires everyone to bring in their donations in disposable containers to limit contact and encourage social distancing.

- Deputy Director Tracy discussed an incident involving a SPR Beneficial Use (BU) truck on November 3, 2020, in which the wheel studs sheared off while the vehicle was traveling on I-70 near Quebec. No injuries or additional property damage occurred as a result of the incident. SPR staff are evaluating the current process for replacing BU trucks to ensure safe operations for transporting biosolids.
- Chong Woo, Deputy Director – Engineering, shared with the Committee a recent article regarding the SPR Biogas Project in the Water Environment & Technology magazine (WE&T). This article was showcased on the cover of the magazine. WE&T is a national publication and provides information on cutting-edge technologies, innovative solutions, operations and maintenance, regulatory and legislative impacts, and professional development in the water industry.
- Deputy Director Corning informed the Committee on the approval process with CDPHE regarding chemicals for the Chemical Phosphorus Project. Laboratory staff are currently performing jar testing for this process. Additionally, Industrial Pretreatment staff are working to ensure year-end permit compliance for industrial users.

During this time, the Committee also discussed ordinance changes for Technologically Enhanced Naturally Occurring Radioactive Materials (TENORM). This item will be brought to the Committee for approval in December and to Englewood and Littleton City Councils for approval early next year.

- Three (3)-Month Outlook for Supervisory Committee Action Items
- SPR Influent Flow and Load Summary:
 - The measured flow to SPR averaged 16.5 mgd in October 2020, which is a decrease of approximately 1.6 mgd from October 2019. The measured flow split was 46.7 / 53.3 percent between the cities of Littleton and Englewood, respectively.
- Fiscal Management and Reporting

V. Adjournment

The next Supervisory Committee meeting is scheduled for Thursday, December 17, 2020, at 9:00 a.m. This meeting will utilize Microsoft Teams, until further notice.

Adjourned at 9:57 a.m.

Recording Secretary Signature _____
Kacie Allard (acting)

The SPR Supervisory Committee approved the November 19, 2020 meeting minutes via email on January 4 and 6, 2021. Committee Member Reester, Committee Member D’Andrea, Committee Member Relph, and Committee Member Lewis voted; four ayes, no nays. Minutes approved.