

Minutes of the Meeting of the Board of Directors of the South Richland Conservancy District

November 10, 2015

Fulton County Public Library
320 W. 7th Street, Rochester

In attendance were: Joe Hunting, Chairman; Doug Garvison, Vice-Chairman; Jamie Schiff, Treasurer/Financial Clerk.

The minutes from the September 10, 2015 Board of Directors meeting were approved.

Rich Martin provided a report on the water line's operation. Rich contacted a professional exterminator regarding the mice problem at the booster station. Their solution was to trap them, which is what Rich was already doing. Rich installed some wire in the area where they have been entering, which has been near the pipe entrances in the chemical and mechanical rooms. That appears to have addressed the problem but Rich will continue to monitor.

The back flow preventer passed its inspection, but it was recommended that it be repaired. A bid was received to replace it and to repair the existing one to have on hand as a spare. The bid also provided for the installation of a bypass valve prior to performance of this work. The bypass would only be used during service of the back flow preventer, which would allow water service not to be interrupted. IDEM approval would not be required for bypass installation and the City of Rochester is okay with the district proceeding in this manner. The Board on motion approved the installation of a bypass to be followed by the installation of a new back flow preventer and repair of the existing in the spring.

There are 34 connections to the water line, with the biggest users typically the plant rest rooms. There has been a spike in water use during AMEC's injection activities, 2 to 3 times above average.

During hydrant flushing last month one resident contacted Rich regarding water discoloring. When the hydrants are opened, water will typically be rusty, become clear and then turn yellow as sediment is pulled from the main. Typically the hydrants are flushed for 15 minutes, although one on E 375 N had to be run for 30 minutes to eliminate discoloring. Rich confirmed that all hydrants are of the breakaway type.

Paul Stork from AMEC provided an update on the groundwater remediation project. So far, in excess of 30,000 gallons of bio-stimulant material has been injected in areas A, B, C and D. The bio-stimulant is diluted with water at a 10/1 ratio so over 300,000 of gallons of liquid have been injected in total. Injections of the bio-stimulant are planned underneath the Acument plant in December. In April additional injections are planned for the other areas. Permeability of soil affects migration of the bio-stimulant.

Two site plans reflecting recent remedy performance monitoring that were distributed at the meeting are attached to these minutes. The amount of bio-stimulant in the subsurface is measured by total organic compound (TOC). Readings of TOC above 50 are preferable. The injections lower oxygen

content in the subsurface. The goal is to have oxidation reduction potential (ORP) to be in the negative. Dehalococcoides (DHC) is the bacteria that's created that reduces contamination in groundwater. DHC readings in the thousands are optimal. Other performance monitoring parameters include dissolved gasses, ethanes, ethenes, and fatty acids. Trichloroethene, the chemical that has impacted groundwater, breaks down to cis-1,2-dichloroethene and then to vinyl chloride, the latter two increasing in concentration in the short term. The glacial depositional environment creates variation in soil permeability, which accounts for some of the variation in different areas in performance monitoring results.

Additional performance monitoring will take place in the first quarter of 2016. The three labs that are used to test for the various parameters are:

MICROBIAL INSIGHTS, INC. (bacteria counts)

10515 Research Dr.
Knoxville, TN 37932

ALS Environmental (inorganic analyses and VOCs)

3352 128th Ave
Holland, MI 49424 USA

Microseeps/Pace Analytical Energy Services, LLC (dissolved gases and volatile fatty acids)

220 William Pitt Way
Pittsburgh, PA 15238

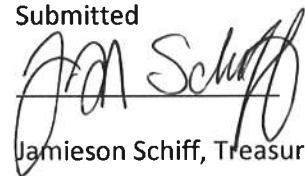
The annual meeting of the conservancy district is scheduled for Thursday, February 18, at 5:30 p.m. It will be held at the Rochester branch of the Fulton County library. Newspaper notice as required by statute will be provided.

The Board approved that the accounting firm Crowe Horwath be retained again for assistance in preparing the district's annual financial report.

The amount of the Letter of Credit to secure Textron's operation and maintenance obligations will be increased in February 2016 by an amendment to the existing Letter of Credit.

The meeting was thereupon adjourned.

Submitted



Jamieson Schiff, Treasurer/Financial Clerk