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Re: IL0031739 Special Condition 17.E Annual Progress Report

The final page of our PDOP concluded that process changes were infeasible, ineffective using BIOWIN modeling, or over the cost threshold.

Steps we have completed other than process changes are:

- 1) 2018, A Community Outreach Phosphorus pamphlet was added to our website @ Wheaton Sanitary District/About WSD/News—Reduce your phosphorus impact.
- 2) We host several grade, middle, and high school tours to keep students and teachers informed. As well as adult organizations, (rotary clubs, operator groups, oversees delegations.)
- 3) Carwash waste hauled to a landfill.
- 4) 2018 trialed Ferric Chloride. Corroded feed lines and equipment –messy.
- 5) 2019 our one SU closed and move to Elgin.
- 6) Member DuPage River Salt Creek workgroup-2022 opted out of the 3-year special condition extension. Took 1mg/L P limit starting 2027.
- 7) Illinois Association of Wastewater Agencies member-contribute data to various studies.

2021, 2022 and 2023 Piloting S2EBPR-RAS Fermentation to lower phosphorus. Different strategies and modeling efforts are being evaluated to reach an effluent phosphorus level of 1 mg/L

Protecting Public Health - Preserving the Environment

IAWPCO Class A Plant of the Year – 1988 & 2003
NACWA Gold Peak Performance Award – 2004, 2012, 2013, 2014, 2015, 2018, 2019 & 2020
NACWA Silver Peak Performance Award – 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2016, & 2017
Conservation Foundation Clean Water Award 1998, 2000, 2001, 2005, 2007, 2009, 2012, & 2016
USEPA Region 5 Operations and Maintenance Award 1st Place – 2005
USEPA Excellence in Operations & Maintenance Award 2nd Place – 2005