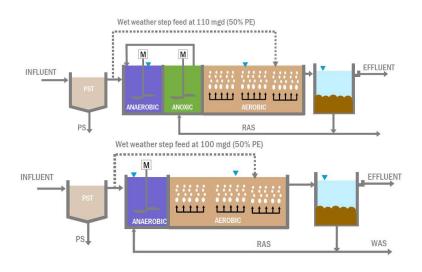


Bidding update – 4 projects

- West Interceptor Shorewood Relief Phase 3
 Award 5/30/24
- NEI-Waunakee Extension Capacity Improvements Ph 1 Award 6/27/24
- Electrical Service Equipment Replacement Award 7/11/24
- Flow Splitter Improvements
 Award 7/11/24





Liquid Processing Phase 2

Update on BNR process choice

- Current process Modified UCT is a solid choice.
- -Switching to A/O-low DO = increased capital cost. Similar net present value if low DO successful.

-Hybrid approach (still evaluating):

-Anaerobic/Oxic (A/O) —if run at low DO

-Modified UCT —if run at high DO

-Less increase in capital cost but may have lower net present value because of reduced energy.

-BUT- still need to look at primary clarifiers. Need (or not) for an additional primary clarifier has cost implications.

-Eliminate pilot plant step (save ~\$1M and ~1.5 yr+)







Liquid Processing Phase 2

Decisions

- -Diffuser selection
 - -Silicone Tube Diffusers
 - -selected low energy configuration more diffusers that each supply less oxygen
- -Lowest net present value of options considered
- -Potential Advantages:
 - -less diffusers in general (12K vs. 45K)
 - -new technology (but established)
 - -lowest energy consumption of all options (even running at high DO)

Next steps

- Blower selection
- -Preliminary design report 4th Q 2024







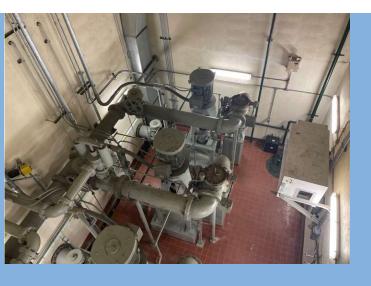
PS 17 FM Ph 2



PS 17 FM Ph 2



LBMC PH 5





PS 17 & PS 4

Coming Attractions

COMING
ATTRACTIONS

- Lots of bids to accept!
- Lower Badger Mill Creek Interceptor Phase 6 Relocation Order
- SEI Rehab on US 51 (Ph 1) bid in August

