

WATER SUPPLY AND DEMAND OPTIMIZATION **MODEL UPGRADES**

January 24, 2024



Introduction



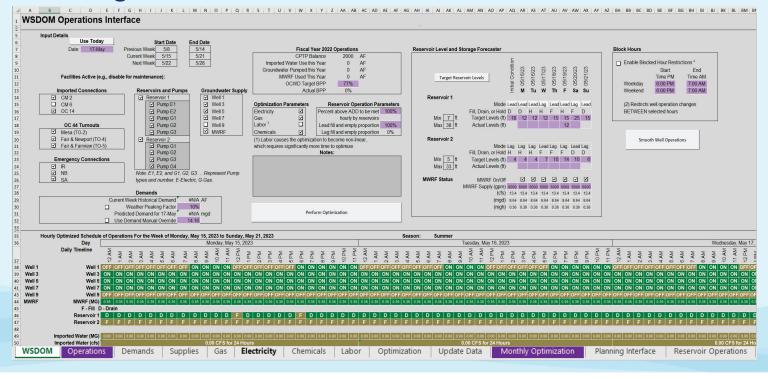




Purpose: to prioritize water supplies while targeting reservoir levels



Existing WSDOM Model



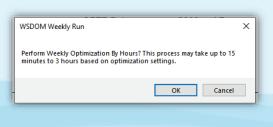
What are the Drivers for Updating WSDOM?

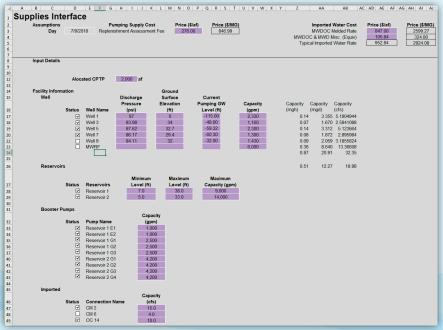
Major Driver:

- New wells
- Windows / Office upgrades

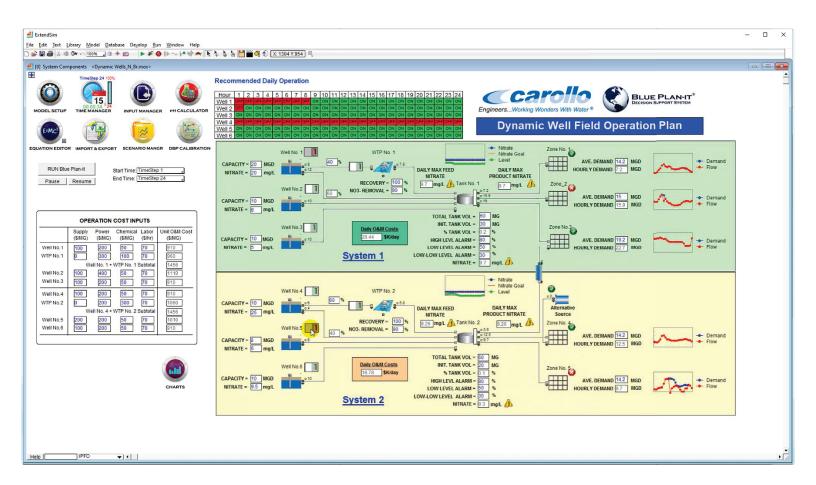
Requested Enhancements:

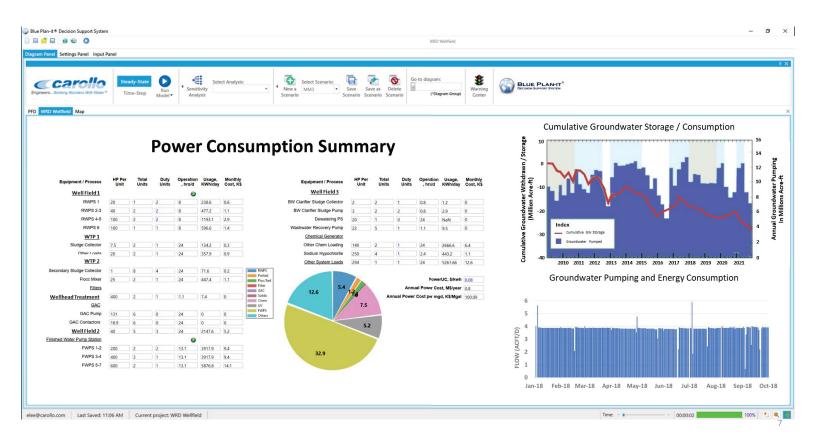
- Faster run times
- Variable start times











Recommendations

Blue Plan-it® Benefits:

- Can track and prioritize water supplies
- Improved interface
- Shorter run times
- Easy to modify
- Simple to upgrade to include water quality calculations (PFAS)
- Flexibility for future operational modifications

Recommendation: Rebuild WSDOM with required upgrades in Blue Plan-it®



Questions?

