



Lake County Public Works Annual Update

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Director

May 01, 2024

Public Works Mission: Deliver exceptional, financially sustainable, reliable, drinking water and wastewater services in a safe manner, ensuring high quality service, public health and environmental stewardship.

PW Staffing

97 Full Time Employees

2 Part-Time Employees

52% of staff is represented by Local 150

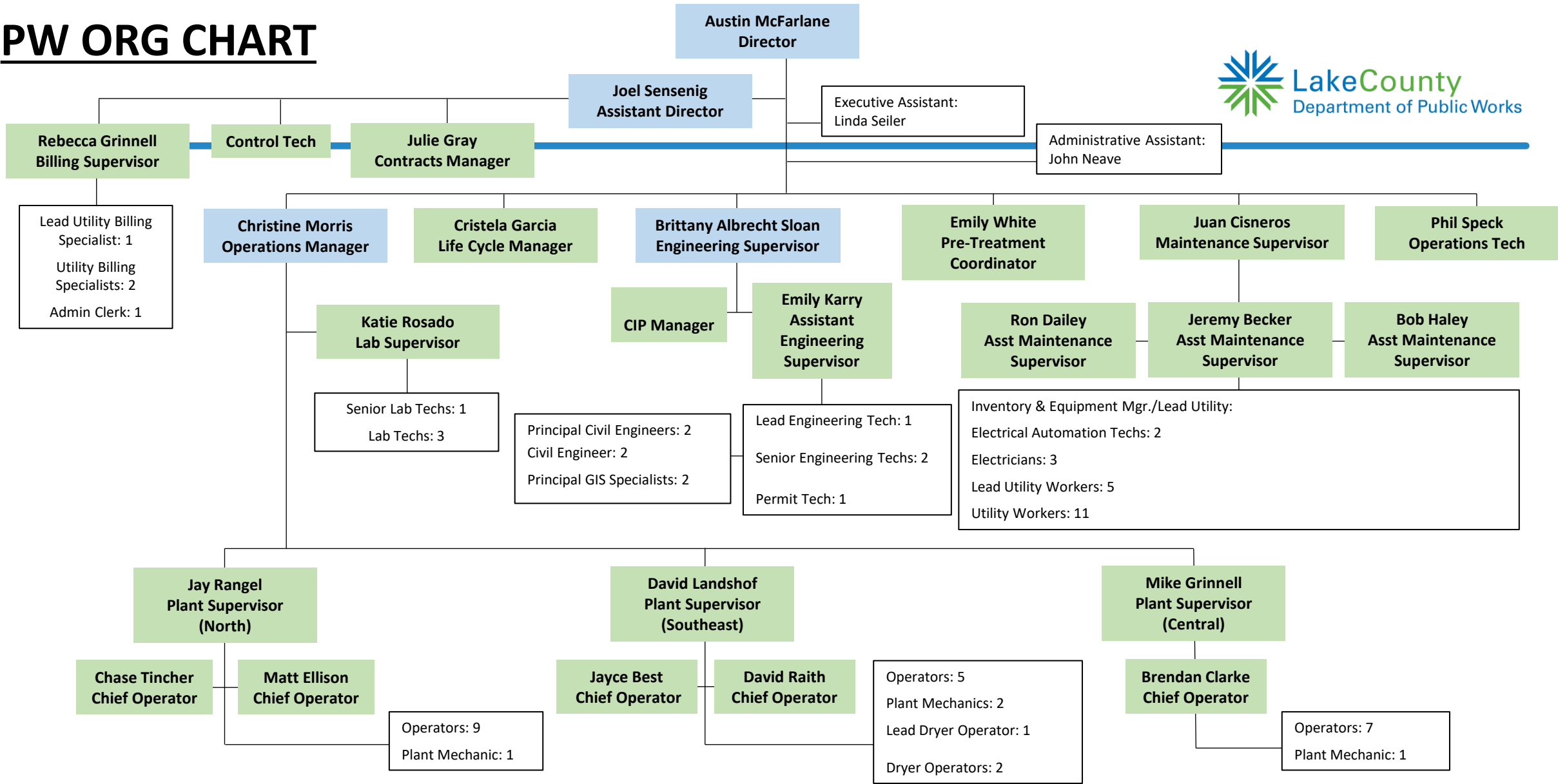
- <5% Vacancy
- 8% Turnover Rate

Prime Positions Filled: Operations Manager,
Pretreatment Coordinator.



- a) Cristo Rey
- b) PW Summer Intern Program
- c) Workforce Development Youth Summer Program
- d) Skill Bridge

PW ORG CHART

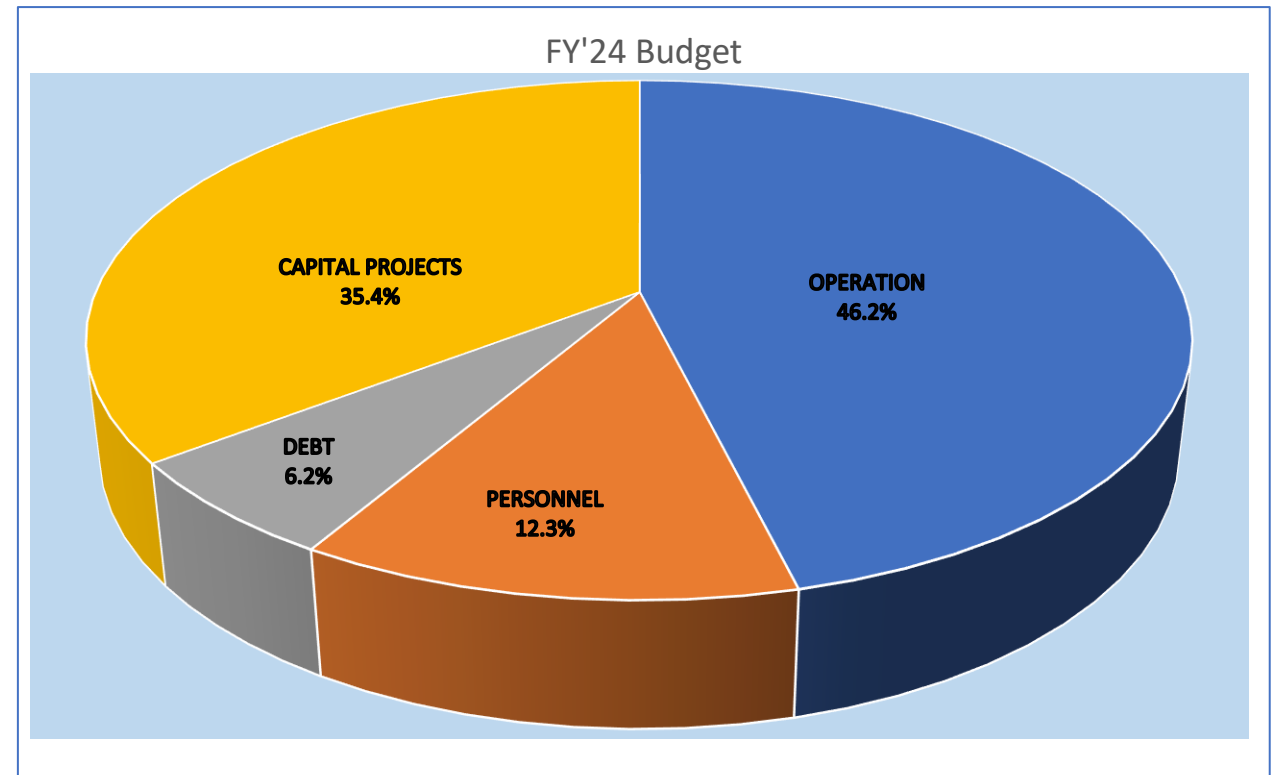


Budget – FY'24

- Operations = \$30M
- Personnel Cost = \$8M
- Debt Service = \$4M
- Capital = \$23M
(5-yr CIP) = >\$81M
(10-yr CIP) = >\$199M

Delinquent Payments

- 4.0%
- Uncollectable Account = \$60k - \$90k
- Collection Services, Municipal Collections of America



FY'23 Recap – Capital Projects (Adaptive Infrastructure)

1. Wildwood Watermain Upgrade

Start date: 2023

% Completion = 40

2. Highland Lake Water System Improvements PH-1

Start date: 2023

% Completion = 100

3. Des Plaines River Bar Screen Replacement

Start date: 2023

% Completion = 100

4. New Century Bar Screen Replacement

Start date: 2023

% Completion = 100



FY'23 Recap – Capital Projects (Adaptive Infrastructure)

5. White Deer Run Reservoir (VH)

Start date: 2023

% Completion = 10

6. Saunders Road Sewer Main Improvements PH-1

Start date: 2023

% Completion = 50

7. Des Plaines River – Dewatering System Improvement

Start date: 2023

% Completion = 100

8. Antioch Township Sanitary Sewer Study

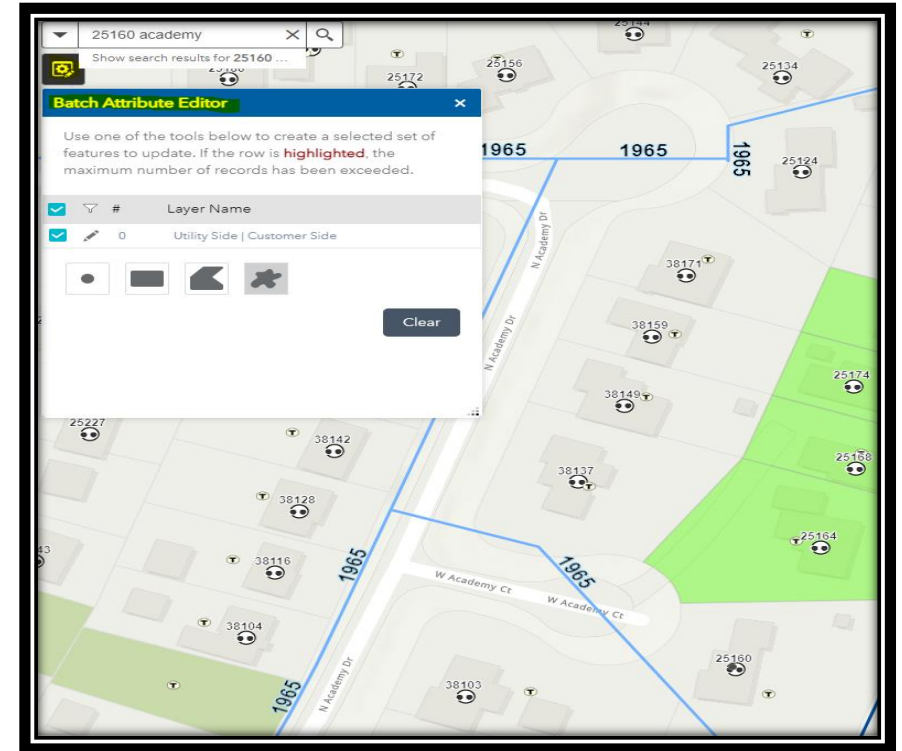
Start date: 2023

% Completion = 100



Other Key FY'23 Goals

- a) Billing System upgrade completed (CIS Infinity Ver4)
- b) Lakes Region Sanitary District Closing
- c) Launching of CitizenVue App – Customer Reporting
- d) Lead Service Line Interactive Map & Reporting
- e) Department Newsletter



FY'24 Look Ahead

ARPA PROJECTS	START DATE	STATUS
Des Plaines River WRF - Blower Installation	2023	Construction Phase
Mill Creek WRF - UV Installation	2023	Construction Phase
Des Plaines River WRF - Disc Filters	2023	Construction Phase
Des Plaines River WRF - UV Installation	2023	Construction Phase
Oak Terrace Water System Upgrade - Phase-II	2023	Construction Phase

WRF = Wastewater Reclamation Facility

FY'24 Look Ahead

ARPA PROJECTS	START DATE	STATUS
Antioch Township Sanitary Sewer Upgrade Phase-I	2024	Engineering Design
Highland Lake Water System Upgrade - Ph-II	2024	Engineering Design
All Treatment Plants - Clarifier Covers	2024	Construction Phase

WRF = Wastewater Reclamation Facility

On track with funding obligation by 2024 & project completion in 2026

FY'24 Look Ahead

PW FY'24 CAPITAL PROJECTS	START DATE	STATUS
Grandwood Park Watermain Replacement	2023	Constr. Phase
North Chicago - Meter Pit Rehab	2023	Design Phase
Indian Creek Club - Watermain Replacement	2023	Design Phase
Saunders Road - Sewer main Improvement - Ph-II	2024	Design Phase

FY'24 Look Ahead

PW FY'24 CAPITAL PROJECTS	START DATE	STATUS
SEC Interceptor - Drop Chamber Rehab	2023	Design Phase
Countryside Manor - Watermain Replacement	2023	Constr. Phase
Gages lake Tower	2023	Constr. Phase
Hawthorn Woods/Forest Lake/Countryside Lake Improvements	2023	Engineering Study

Operational Challenges & Regulatory Items

A. New PFAS Regulations (per- and polyfluoroalkyl substances)

Chemical	Maximum Contaminant Level Goal (MCLG)	Maximum Contaminant Level (MCL)
PFAO	0	4.0 ppt
PFOS	0	4.0 ppt
PFNA	10 ppt	10 ppt
PFHxS	10 ppt	10 ppt
HFPO-DA (GenX chemicals)	10 ppt	10 ppt
Mixture of two or more: PFNA, PFHxs, HFPO-DA, and PFBS	Hazard Index of 1	Hazard Index of 1
<i>Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals.</i>		



Operational Challenges & Regulatory Items

- B. New Lead & Copper Regulations
- C. Lead Service Line Reporting – Status
- D. Vernon Hills & Wildwood Water Systems
(Plans to address Extended Water Service Interruption)





Questions?