



Update on Telemetry Irrigation Management System

Date: June 13, 2023





Introduction

Park System – Water Use Monitor

- Turf Irrigation
- Drip Irrigation

Information Sharing



Use of Technology to Reduce Water Use

- Telemetry on Controllers
- Flow Meters
- Evapotranspiration Rate
- Monitoring



Telemetry Irrigation Management Contract

- Entered into contract in November 2017
 - April 2019 - Amendment No. 1
 - April 2019 - Installed Equipment in 19 Parks
 - May 2020 - Installed in 37 Additional Parks

56 Parks Total

\$1.3M Invested

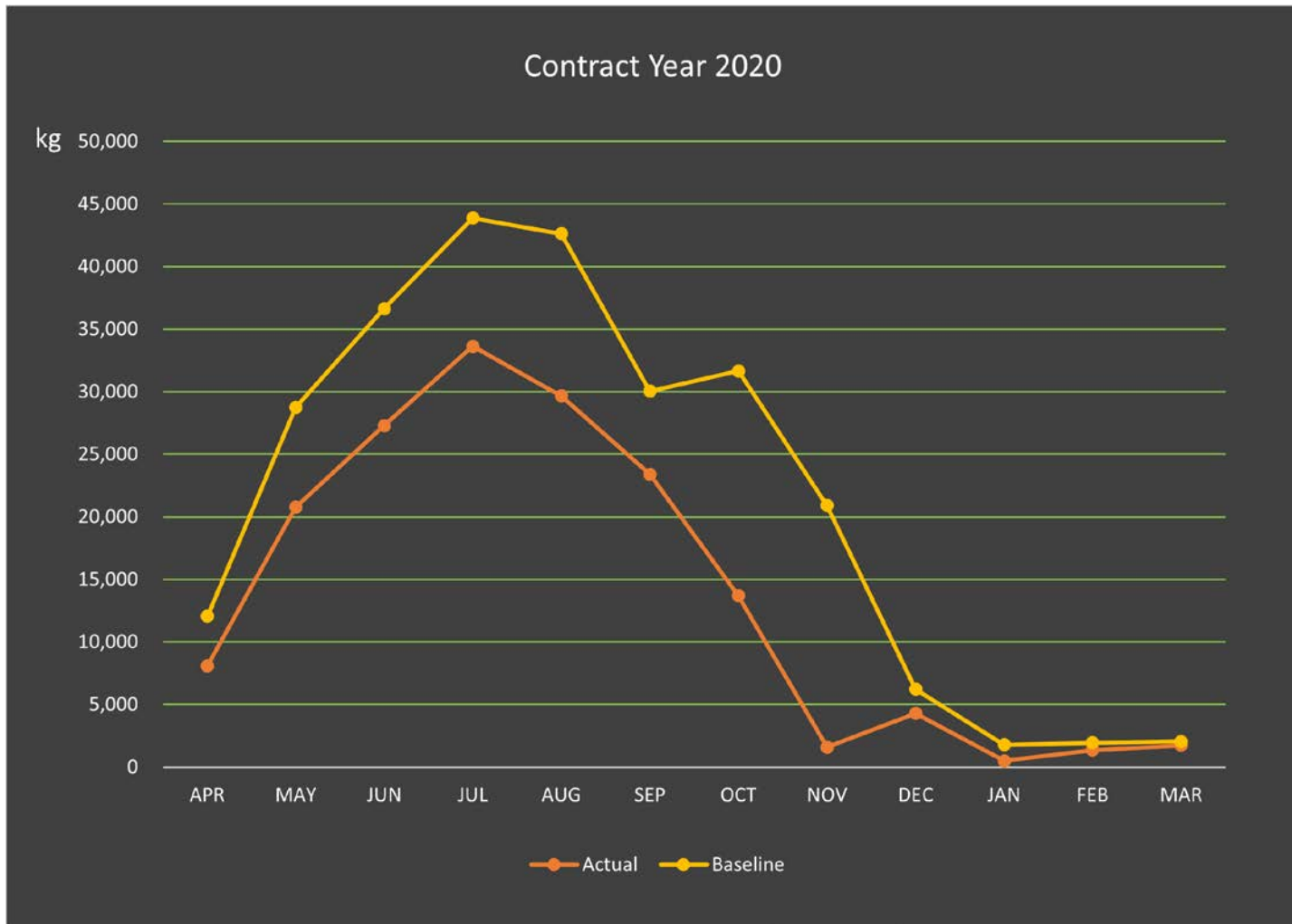


2019 Performance





2020 Performance



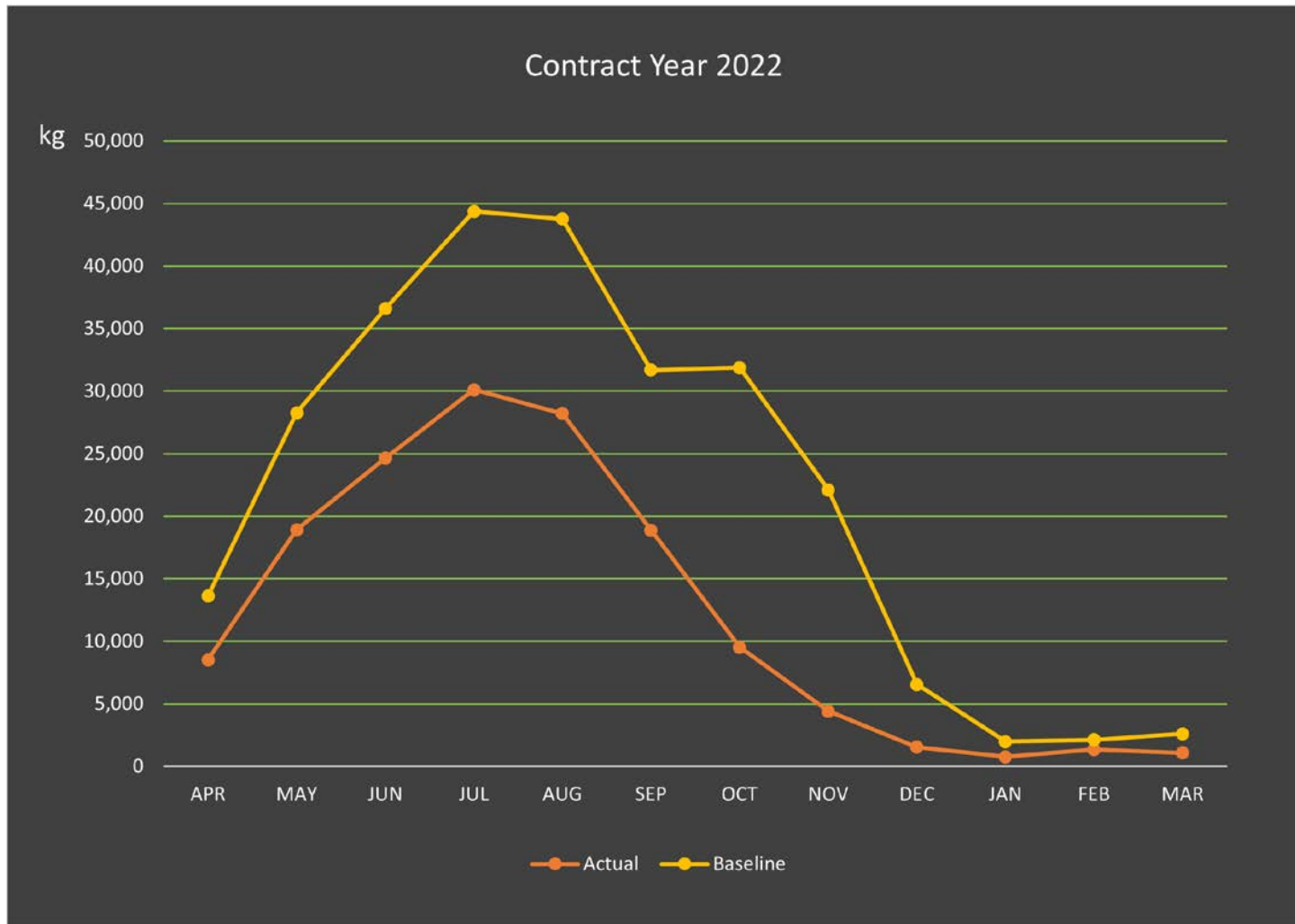


2021 Performance





2022 Performance





Water Savings History

Contract Year 2019 - 63,227,000 gal.
Contract Year 2020 - 95,844,000 gal.
Contract Year 2021 - 98,140,000 gal.
Contract Year 2022 - 117,679,960 gal.

Total Water Savings: 374,890,960 gal.



Payment History

Payments to Contractor:

- Contract Year 2019 - \$281,075
- Contract Year 2020 - \$439,198
- Contract Year 2021 - \$511,429
- Contract Year 2022 - \$514,084

Total: \$1,745,786



Findings

- Monthly Monitoring by Contractor
- Repairs by City
- Turf Quality and Coordination with Contractor



Next Steps...

- Continue Monitoring
- Coordinate with Contractor
- Ratify Expenses and Authorize Future Expenditures



Questions?