COASTAL PROTECTION AND RESTORATION AUTHORITY BOARD

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT UPDATE

COL Cullen Jones, P.E., PMP
Commander, New Orleans District
13 DEC 2023

U.S. ARMY

US Army Corps of Engineers®

BOTTOM LINE UP FRONT

- All 17 pumps across the three PCCP structures were inspected, underwent interim corrective actions if necessary, and determined reliable for the 2023 Atlantic Hurricane Season by 1 June 2023.
- USACE and its construction partner, PCCP Joint Venture, have initiated a multi-year effort to deliver our commitment of reliable and sustainable hurricane and storm damage risk reduction structures at the three outfall canals.
- USACE will continue to collaborate with our state partners and ensure our stakeholder and the public remain informed throughout the process.

PHASE I: INTERIM CORRECTIVE ACTIONS AND INSPECTIONS

- Corrosion identified as primary cause of London Avenue Pump #1 overheating.
- Pump #1 was removed, corrected and restored to service by 1 June 2023
- Each of the remaining 16 pumps were inspected, corrected if necessary and determined reliable for the 2023 Atlantic Hurricane Season.

1 17th St. PCCP

2 Orleans Ave. PCCP

3 London Ave. PCCP

U.S. ARMY

PHASE II: DELIVER THE PROJECT AS DESIGNED

Mission: Multi-year effort to ensure all 17 pumps are sustainable, reliable and fulfill the 35-year design requirements.

1. **ONGOING** Finalizing the path forward.
2. **MOVING OUT** Basement crack corrective action; structure and canal inspections and surveys.

To prevent increased risk during hurricane season, onsite work that impacts interior drainage will be limited to outside of hurricane season (Dec 1 to May 31).

PHASE II: NEXT STEPS

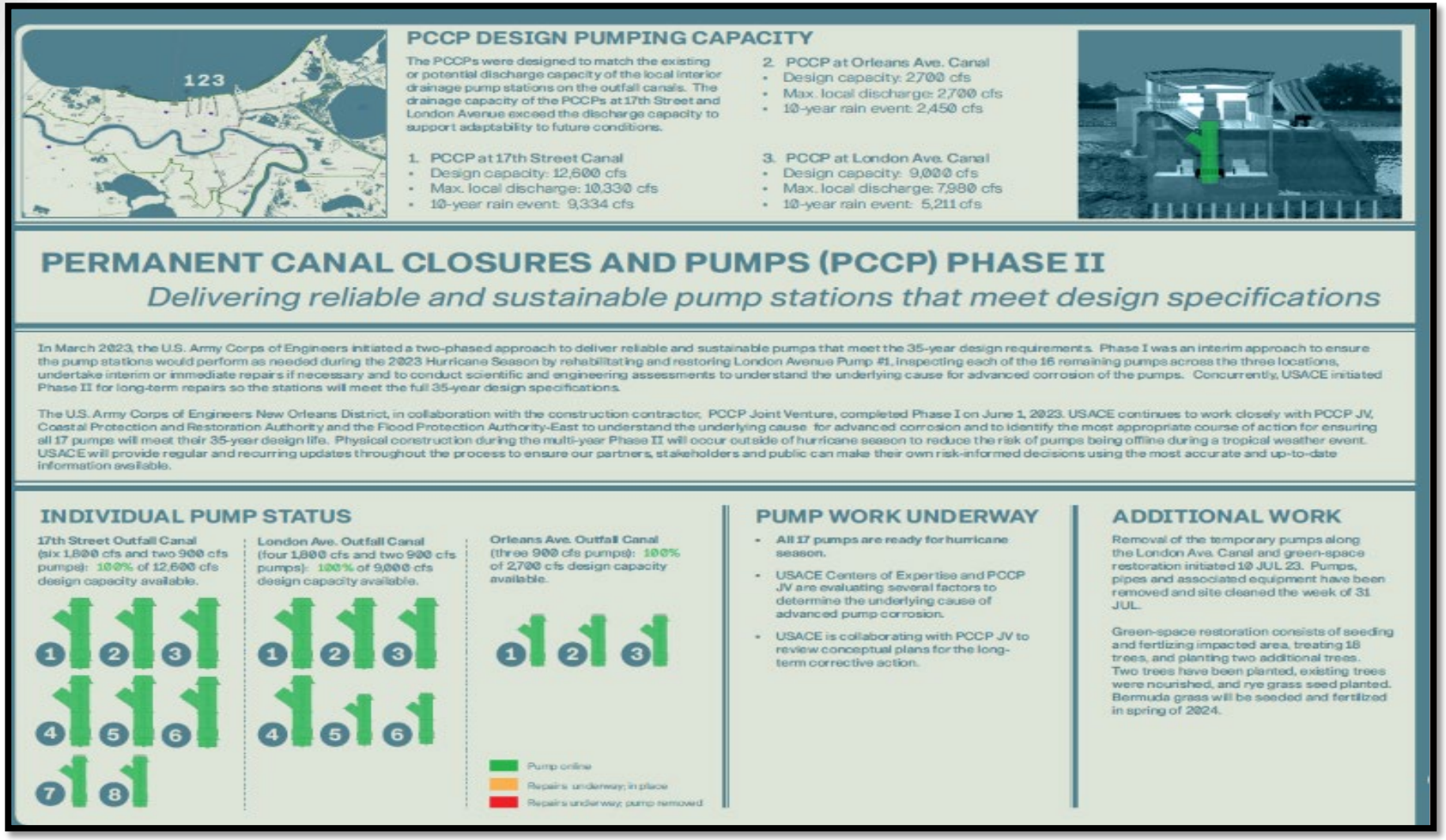
Assessments, design and schedule

- Complete scientific evaluations for the cause of advanced corrosion.
- Complete design and construction approach to deliver structures meet 35-year design requirements.
- Develop multi-year construction schedule that minimizes risk during upcoming hurricane seasons.

On-site corrective actions

- Correcting basement cracks identified at the London Avenue Outfall Canal PCCP.
- Conducting surveys of the PCCP structures and canals.
- Long-term pump corrective actions are ongoing until settlement agreement is reached.
- Assess Pump Stations to ensure reliability for the upcoming hurricane season.

Cooperation, Collaboration and Communication



Our Commitment

- ❑ Ensure open and transparent communication throughout the process
- ❑ Provide regular and recurring updates to partners, stakeholders and the public