Wet Weather Preparations and Responses

Presented by
Jon Bradley
Operations Manager

Operations Committee
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OC SAN
ORANGE COUNTY SANITATION DISTRICT

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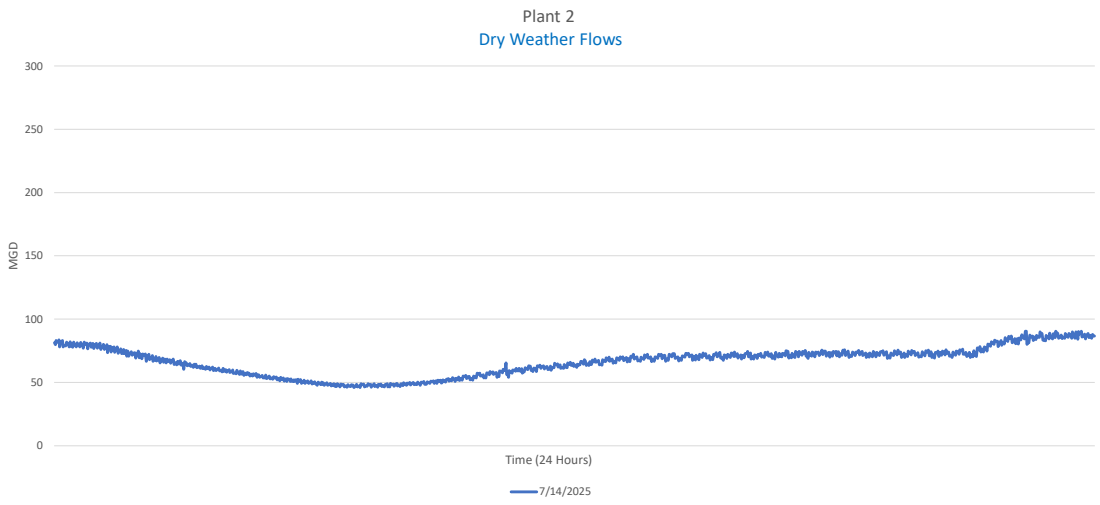
Why Prepare



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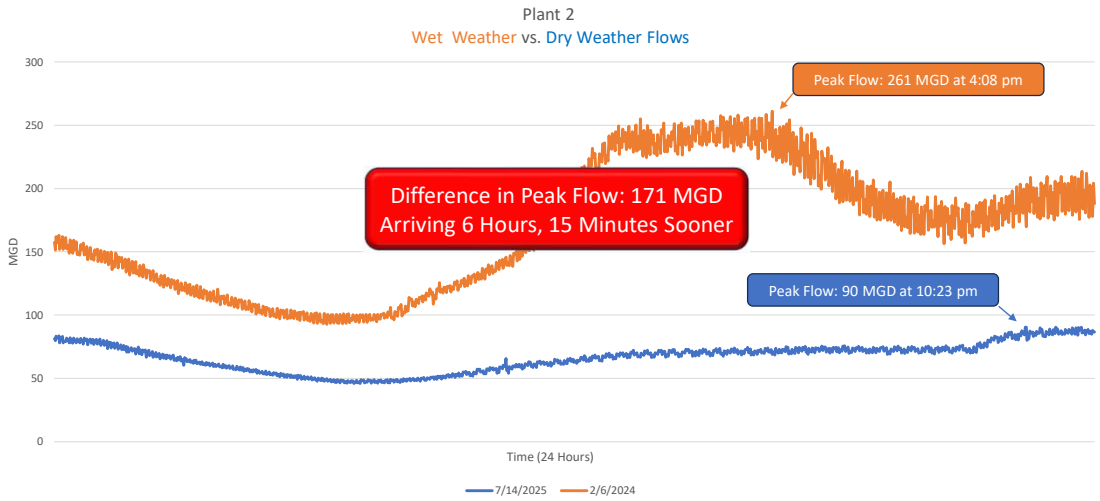
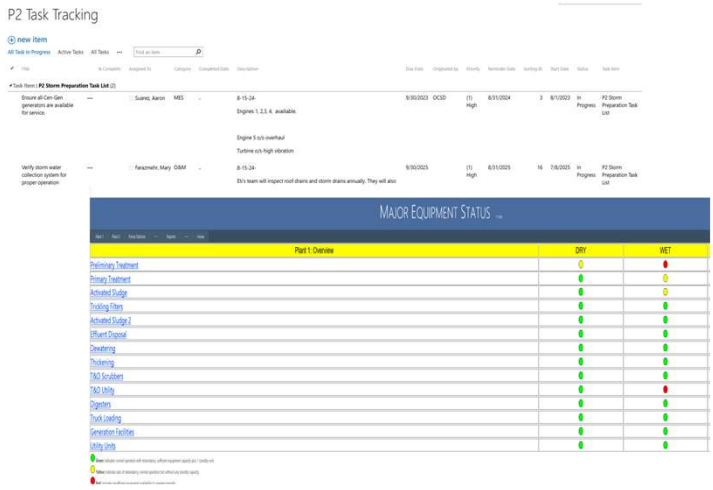
How Rain Impacts Flow



3

Preparing for the Wet Weather Season

- **Wet Weather Season:** October 15 – April 15
- **Daily Prep:** Verify equipment readiness for high flows (Ex: portable pumps and sandbags).
- **Coordination:** Coordinate with projects to ensure equipment and treatment capacities are available.
- **Collaboration:** Communicate with stakeholders and coordinating agencies such as IRWD and OCWD.



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Integrated Emergency Response Plan

The **Integrated Emergency Response Plan (IERP)** provides guidance, strategies, and additional resources for larger storms that meet defined criteria.

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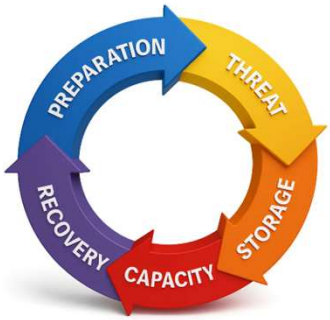
IERP Code Color System



Code Blue

- **Preparation Phase-** Multiple days with multiple inches of rain predicted. May have limited capacity or saturated ground.
- **Goal -** Ensure adequate resources are in place **BEFORE** the rain starts.

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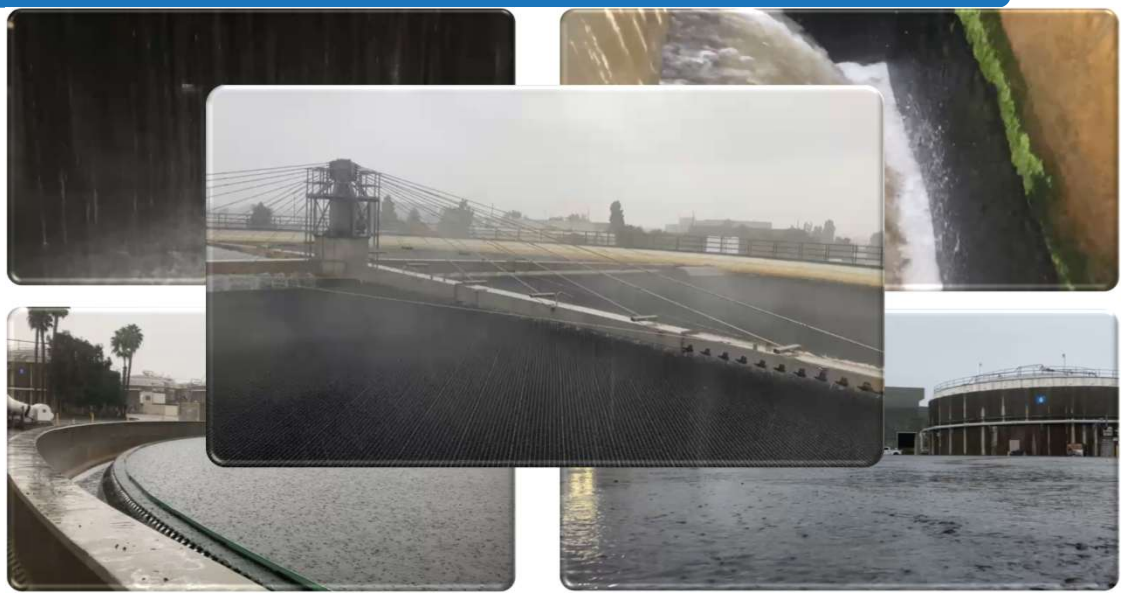
When the Rain Starts



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IERP Code Color System

Code Yellow

- **Threat Phase-**
  - Plant Flow (P1 and P2): 125 MGD above normal;
  - Ocean Outfall Flow: 30 MGD above normal.
- Partial Incident Command staff activated for additional storm oversight and resources.

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IERP Code Color System

Code Orange

- **Storage Phase-** Fill empty tanks and structures for storage. Activate additional Incident Command staff as needed.

Code Red

- **Exceeding Capacity Phase-** Evaluate the use of the 1-mile outfall.

Code Purple

- **Recovery Phase-** Drain and clean process units that were used to process higher flows in preparation for future storms.

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Recommendation

- Informational item.

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