



Hyperion 2035

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Environmental Engineer



LA Sanitation and Environment (LASAN)

- LA Sanitation protects public health and the environment through the administration and management of three major program areas:
 - Clean Water (Wastewater),
 - Solid Resources (Solid Waste Management) and
 - Watershed Protection (Stormwater)
- Customer care center
 - 1-800-773-2489 (24/7), MyLA311 app

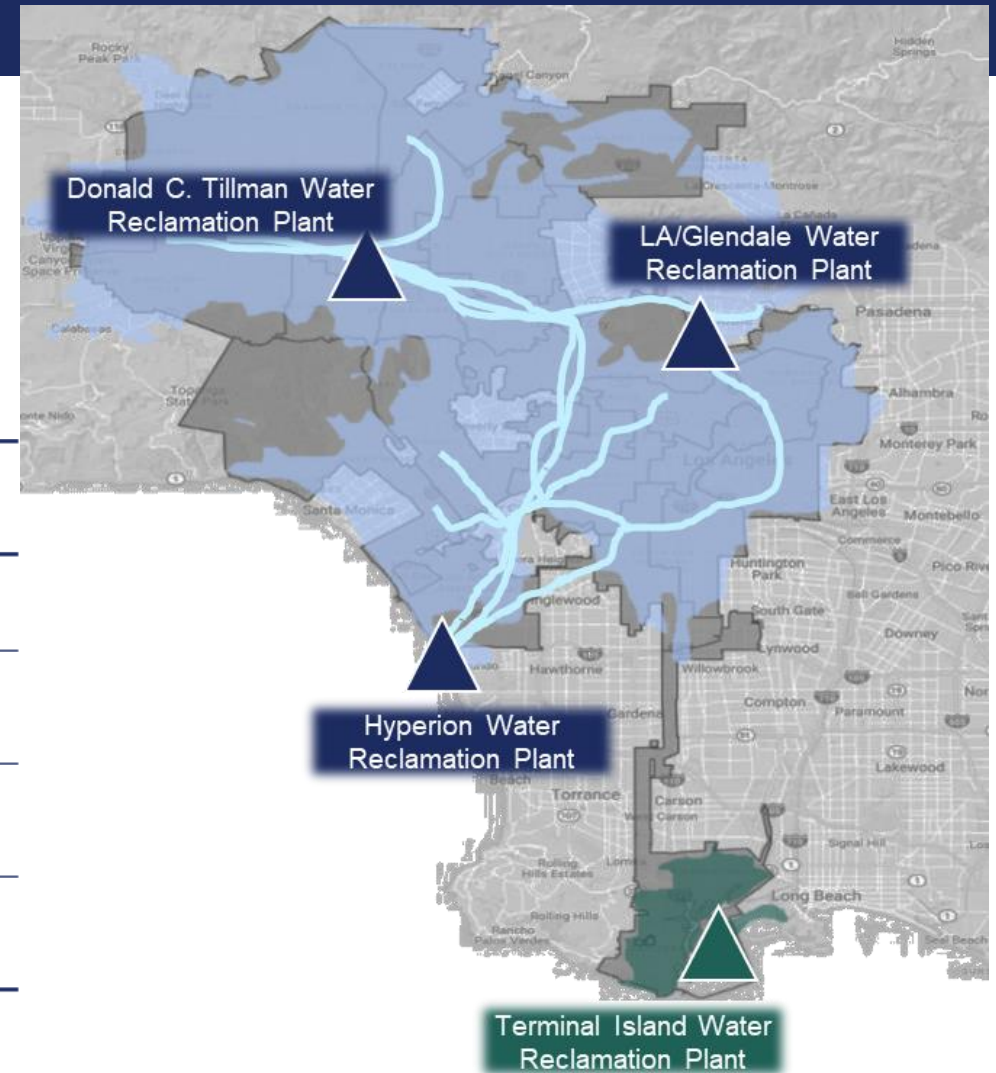


LASAN's Clean Water Program

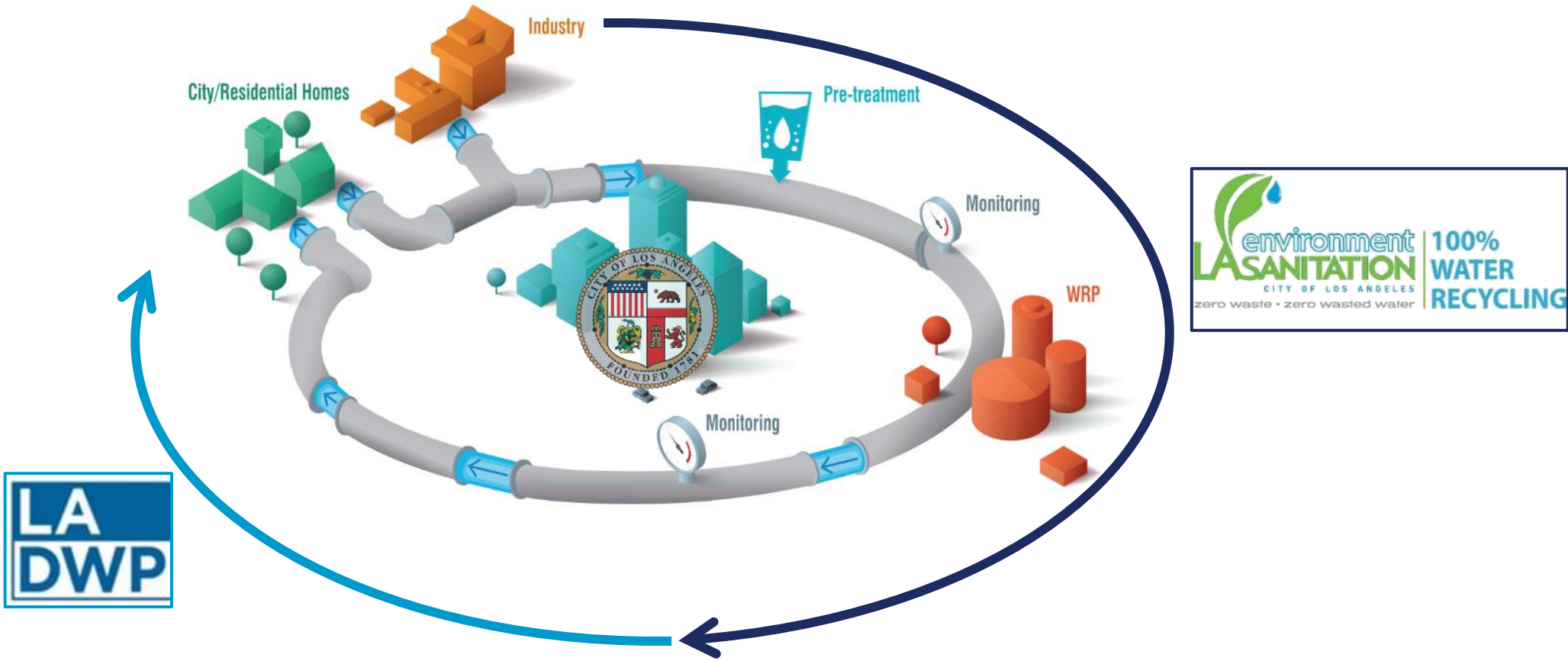
City of LA Service Area

- Population Served: 4,000,000
- Area served: 600 Square Miles
- Sewer System Length: 6,700 Miles

Water Reclamation Plant	Average flow (mgd)	Recycled water (mgd)
Hyperion Water Reclamation Plant	260	71
Los Angeles - Glendale Water Reclamation Plant	18	15
Donald C. Tillman Water Reclamation Plant	43	32
Terminal Island Water Reclamation Plant	12	12
Total	333	130



The Road to Zero Wasted Water



environment
LASANITATION
CITY OF LOS ANGELES
zero waste • zero wasted water

100%
WATER
RECYCLING

Hyperion 2035: Implementation

Conceptual

2020-2023

- Advanced treatment process
- Wet weather flow treatment process
- NPDES permit requirements
- Programmatic EIR
- Program delivery

Design

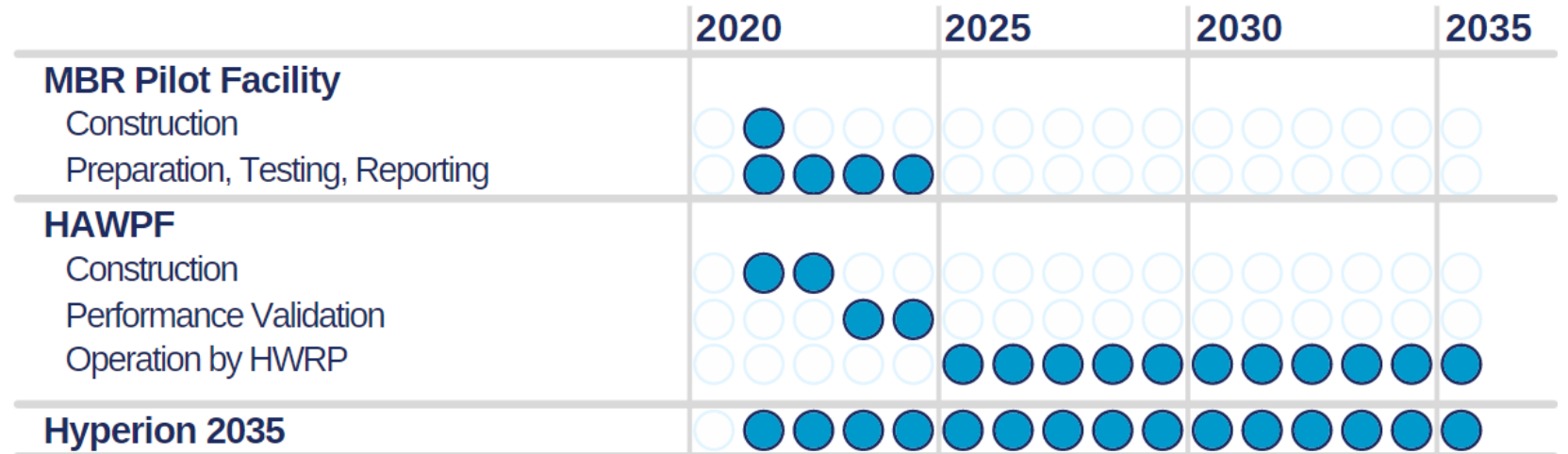
2023-2025

- Facility design
- Project specific EIR
- Permitting

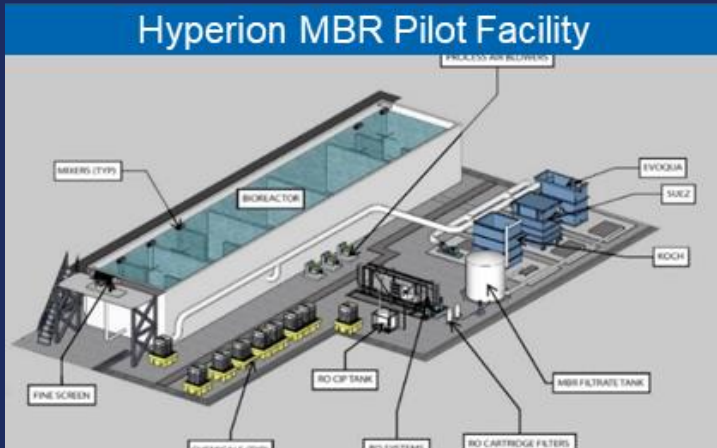
Construction

2025-2035

- Program phasing and packaging
- Project alternative delivery



Extensive Planning and Key Projects

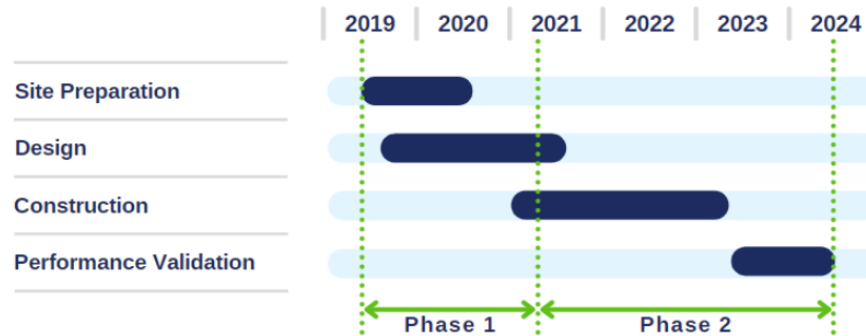
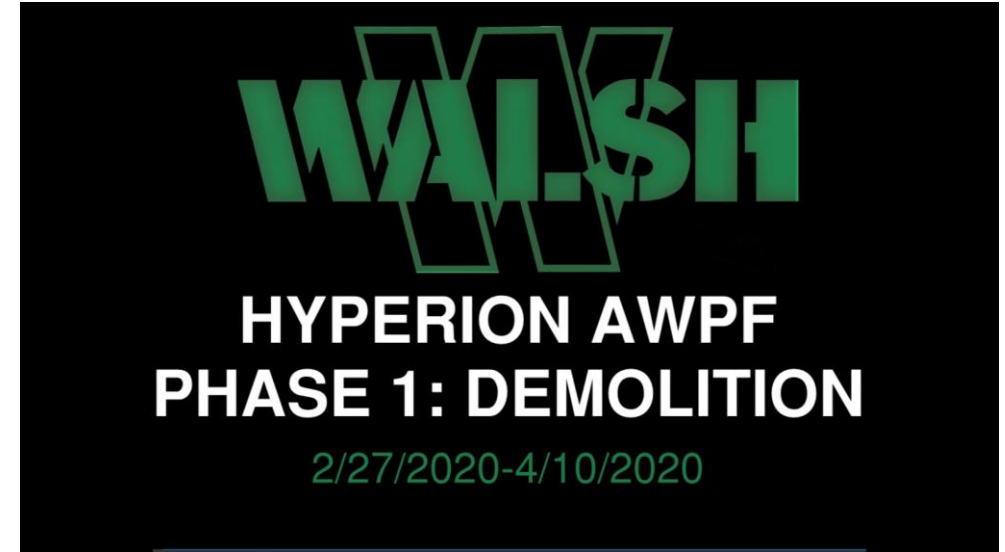


Hyperion Advanced Water Purification Facility

Proof of Concept for Hyperion 2035

Hyperion Advanced Water Purification Facility (HAWPF)

- Goals
 - 1.5 mgd for LAX and HWRP
 - Proof of concept
- Treatment: MBR – RO – UV/AOP
- Project Partners: LADWP and LAWA
- \$92 million progressive design build contract with LSBE (Local Small Business Enterprise)



Rendering of future site

Hyperion 2035

- **Projected design and construction cost ~\$4 billion (conceptual estimate)**
- **Currently looking at 3 phases plus enabling projects but each with many “packages”**
 - Phase 1 tentatively planned to begin in 2024 or 2025



Contract Types

Personal Services Contracts (RFP)

- Performance of professional, scientific, expert or technical services of a temporary and occasional nature for specific projects

On Call Contracts (RFQ)

- For the development of a pre-qualified list of contractors for project implementation

Sole Source Contracts

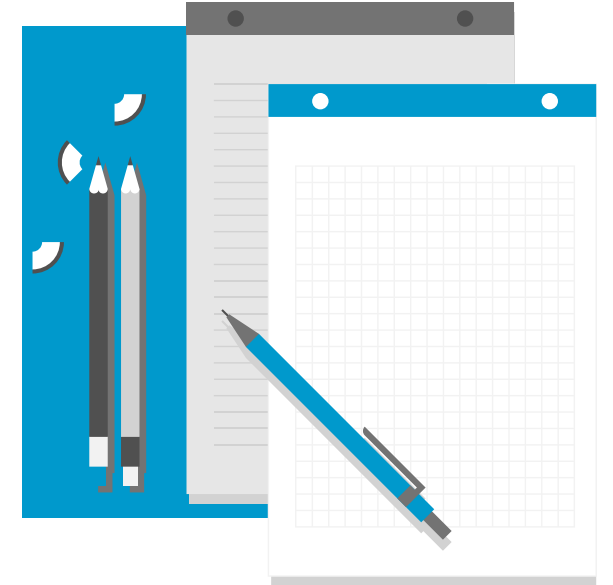
- Technical proprietary expertise available from only one source

What to Expect

Lengthy Process – Be Patient!

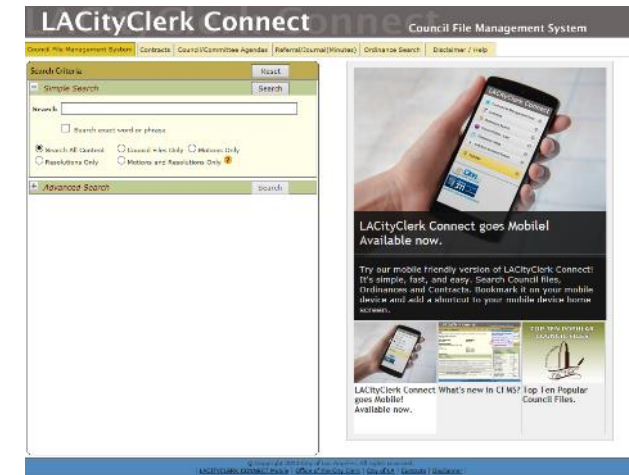
- Involvement of several City Depts
- Be flexible – Expect Change

Process Differs Among City Departments



What Businesses Can Do

- LASAN site: <https://lacitysan.org>
- Current contract award information: <https://cityclerk.lacity.org/lacityclerkconnect>
- Register on LABAVN: labavn.force.com/LABAVN/s
 - Update profile, check accuracy, eliminate duplicate entries
- Apply for certification
- Distribute business information packets (i.e. press kits)



What Businesses Can Do

- Attend/participate in business networking events, matchmaking & pre-proposal meetings
- Request one-on-one consultation with CCU staff
- Offer demonstrations & samples
- Ask questions!



LASAN CCU Contact Info

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Stay Tuned:
labavn.force.com/LABAVN/s/

upcoming presentation on
February 24, 2022, at 10am



@LACITYSAN

Thank you!

lacitysan.org/recycledwater
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