

# Venice Auxiliary Pumping Plant Community Briefing

Presented by:  
LA Sanitation and Environment  
Bureau of Engineering  
June 16, 2022  
6:00 pm  
Virtually via Zoom



# Agenda



Introductions

Project Objectives and Location

Site Map

Project Elements

Renderings and Landscape Plan

Project Schedule

EIR Mitigation Measures

Follow Up and Questions

# Project Objectives

Prevent sewer spills near the Venice Pumping Plant during extreme wet weather events

Provide redundancy to pumping capacity and improve system reliability

Allow for regular service and maintenance activities

Until VAPP is built, there is no redundancy



# Project Location







# Project Elements

From EIR certified in August 2017; consist of:

- A two-story building approximately 30 feet in height
- Three pumps located below ground level
- Utility connections, transformers, and generators
- A 17 feet by 17 feet submerged diversion structure, the top of which will be below the lowest elevation of the Grand Canal
- A 66-inch sewer to connect VAPP to the new diversion structure
- Fencing around the facility and vegetation
- Landscaping and benches, open space, bike parking, public viewing areas
- Two sides for temporary construction laydown and staging:
  - Vacant lot at Hurricane Street and Canal Court, immediately west of the existing VPP and adjacent to the Ballona Lagoon
  - Vacant lot owned by LA County immediately east of and across the Grand Canal at Via Dolce
- Oil well abandonment and site remediation at 128 Hurricane St parcel

# Project Rendering – Aerial View





# Project Rendering – Facing Southwest





# Project Rendering – Facing West



View of VAPP from Hurricane Street

# Project Rendering – Facing West



View of VAPP from Ballona Lagoon



# Project Rendering – Facing North



View of VAPP from Hurricane Street and Canal Court



# Project Rendering – Facing Northwest

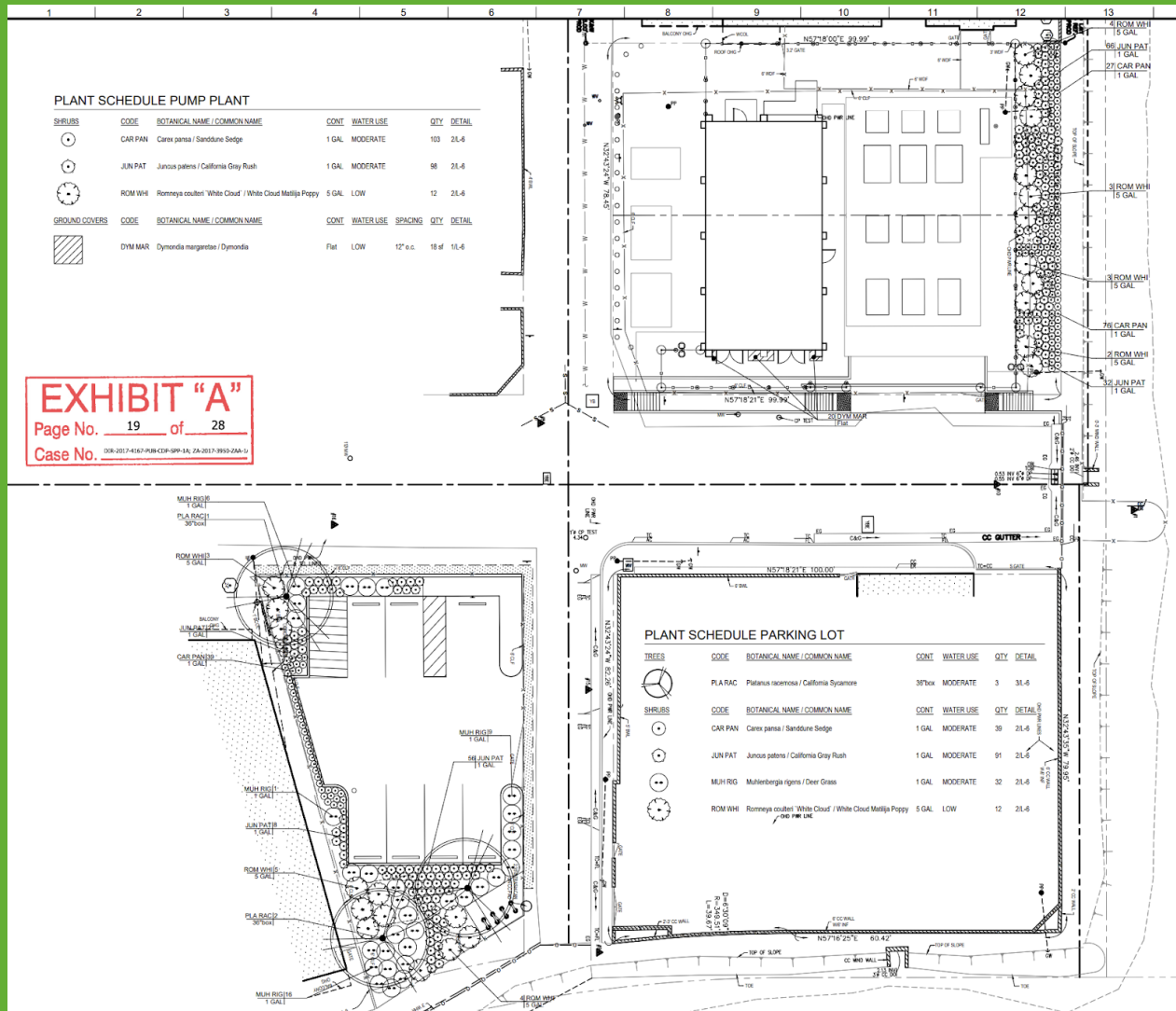


# Project Rendering – Facing East



**View of VAPP along Canal Court**

# Landscaping Plan





# Landscaping and Paint Selection



CARAX PANSA /  
SANDDUNE SEDGE



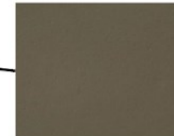
JUNCAS PATENS /  
CALIFORNIA GRAY RUSH



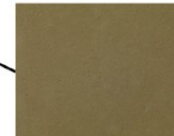
ROMNEYA COULTERI /  
WHITE CLOUD MATIJA POPPY



DAVIS COLOR,  
OMAHA TAN #5084



DAVIS COLOR,  
ADOBE #61078



DAVIS COLOR,  
PALAMINO #5447



SARCOCORNIA PACIFICA  
PACIFIC PICKLEWEED



FRANKENIA SALINA /  
ALKALI HEATH



HELIOTROPIUM CURASSAVICUM /  
ALKALI HELIOTROPE



JAUMEA CARNOSA /  
FLESHY JAUMEA



SUAEDA TAXIFOLIA /  
WOOLY SEA-BLITE



JUNCUS ACUTUS SSP. LEOPOLDII /  
SOUTHWESTERN SPINY RUSH

# Landscaping – Parking Lot and Greenspace



PLATANUS RACEMOSA /  
CALIFORNIA SYCAMORE



ROMNEYA COULTERI /  
WHITE CLOUD MATIJA POPPY



JUNCAS PATENS /  
CALIFORNIA GRAY RUSH



CARAX PANSA /  
SANDDUNE SEDGE



MUHLENBERGIA RIGENS /  
DEER GRASS



# Project Schedule



Design and Approvals: Winter 2016 to present

Project Award: Winter 2023\*\*

Construction: Winter 2023 to Spring 2026

(Duration of construction to last approximately two years)

\*\*Timing pending completion of permit approval process



# Mitigation Measures

The EIR identified some significant and unavoidable environmental impacts. Some are listed below:

- Noise and Vibration (During Construction)
  - Noise Barriers
  - Limited construction hours
  - Restriction on equipment type/delivery access
- Transportation (During Construction)
  - Contractor staff required to park off-site
- Dust (During Construction)
  - Contractor instructed to water down area
  - Carwash vouchers
- Biology
- Geotechnical
- Hazards
- Cultural Resources

# Mitigation Measures

## Noise and Vibration (For Construction Impacts)

MM NOI-1: Prepare and Implement a Construction Noise Control Plan.

### Construction Hours

Operation of construction equipment will be between 8 am and 6 pm  
Monday through Saturday

The use of the pile driver, grader and jackhammer will be limited to the  
hours of 9 am to 3 pm

Haul trucks can only access local neighborhood streets from 9 am to 4  
pm, which will also help mitigate haul truck traffic in the neighborhood.

### Piles

All piles will be installed and extracted using vibration and percussive-  
free methods

# Mitigation Measures

## Noise and Vibration, continued (For Construction Impacts)

### Construction Mitigation Coordinator

Neighbors will be notified at least 72 hours in advance of the planned activities prior to the start of work

Residents will be informed of the Construction Mitigation Coordinator and on-site construction supervisor contract information by posting of the phone number on the construction site.

A call log must be maintained to document complaints ranging from noise, vibration, dust, traffic, etc.

### Noise Barriers

Temporary noise barriers with a minimum height of 20 feet will surround the project site.

### Vibration Control

Implement Ground-Borne vibration control measures to reduce construction-generated vibration



# Mitigation Measures

## Noise and Vibration, continued (For Construction Impacts)

### Quiet Construction Equipment

To the fullest extent practicable, the quietest available type of construction equipment shall be used.

Newer equipment is generally quieter than older equipment.

The use of electric-powered equipment is typically quieter than diesel- or gasoline-powered equipment, and hydraulic-powered equipment is typically quieter than pneumatic-powered equipment.

# Mitigation Measures

## Noise and Vibration, continued (For Construction Impacts)

### Noise Monitoring Plan

LABOE Contractor shall retain the services of an acoustical/noise consultant to prepare a Noise Monitoring Plan.

The plan shall be site-specific for monitoring and reporting construction noise levels in the community to evaluate the Contractor's performance.

Based on details of the Contractor's specific construction schedule, the plan shall develop construction noise goals, in terms of 1-hour Leq, that should be achieved for each phase of construction with the inclusion of feasible and practicable noise abatement measures.

If noise monitoring indicates the applicable noise goals have been exceeded, steps shall be taken to promptly implement any additional effective abatement measures that are feasible and/or practicable.

# Mitigation Measures

## Noise and Vibration, continued (For Construction Impacts)

### Construction Equipment Noise Compliance

All construction equipment used on the Proposed Project that is regulated for noise output by a local, state, or federal agency shall comply with such regulation while in the course of Project activity and use on site.

### Proper Maintenance

All construction equipment shall be properly maintained, as poor maintenance of equipment may cause excessive noise levels.



# Mitigation Measures

## Noise and Vibration, continued (For Construction Impacts)

### Equipment Mufflers, Shrouds and Shields

All construction equipment shall be equipped with properly operating and maintained mufflers, air-inlet silencers where appropriate, and any other shrouds, shields, or other noise-reducing features that meet or exceed original factory specifications

### No Idling

All construction equipment shall be operated only when necessary, and shall be switched off when not in use. Idling inactive construction equipment for prolonged periods (i.e., more than 2 minutes) shall not be permitted

# Mitigation Measures

## Noise and Vibration, continued (For Construction Impacts)

### Minimum Use of Audible Safety Warnings

The use of noise-producing signals, including horns, whistles, alarms, and bells, shall be for safety warning purposes only. No Project-related public address or music system shall be audible at any adjacent residential receptor.

### Construction Worker Training

Construction employees shall be trained in the proper operation and use of the equipment. Careless or improper operation or inappropriate use of equipment can increase noise levels.

# Mitigation Measures

## Noise and Vibration, continued (For Construction Impacts)

### Generator and Compressor Placement

Stationary noise sources such as generators and compressors shall be positioned as far as possible from noise sensitive areas.

### Construction Equipment Storage

Construction equipment shall be stored on the Project Site or designated laydown areas while in use, to the extent feasible.

This will eliminate noise associated with repeated transportation of the equipment to and from the site.



# Mitigation Measures

## BMP-NOI-1 Offsite Work Space

The City will work with the construction contractor to identify potential offsite shared office space that could be made available to residents in the immediate vicinity that work at home during weekday construction hours.

# Mitigation Measures

## Aesthetics

MM AES-1: Construction Staging/Stockpiled Materials and Equipment.

MM AES-2: Nighttime Construction Activities.

MM AES-3: Final Design.

## Air Quality

MM AQ-1: Tier 3 Construction Equipment.

# Mitigation Measures

## Biology

MM BIO-1: Special-Status Plant Surveys.

MM BIO-2: Monitoring During Vegetation Removal.

MM BIO-3: Restoration of Vegetation within Grand Canal.

MM BIO-4: Covered Disposal Containers.

MM BIO-5: Water Quality Monitoring during Construction.

MM BIO-6: Nesting Bird Survey.

MM BIO-7: Silt Fencing at Construction Limits.

MM BIO-8: Environmentally Sensitive Habitat Area (ESHA) Protection.

MM BIO-9: Restoration of Mudflats within Grand Canal.



# Mitigation Measures

## Cultural Resources

MM CUL-1: Archaeological and/or Tribal Cultural Resource.

## Geotechnical

MM GEO-1: Liquefaction Considerations.

## Hazards

MM HAZ-1a: Soil and Soil Vapor Subsurface Investigation.

MM HAZ-1b: Confirmation of Oil Well Abandonment.

MM HAZ-2: Methane Encroachment.

# Mitigation Measures

## Transportation

MM TRANS-1: Construction Worker Shuttles.

MM TRANS-2: Coordination with Emergency Service Providers.

# Mitigation Measures

## Land Use

### During Construction

Secondary impacts on surrounding land uses would result from significant construction noise and vibration impacts. However, even with the application of these mitigation measures, the impacts remain significant and unavoidable.

Please refer to mitigation measures MM NOI-1 and MM NOI-2 in this EIR.

### During Operations

Secondary impacts on surrounding land uses related to noise during operations are addressed in MM NOI-3, which reduces operational noise levels created by building equipment, MM AES-3, which ensures that all Proposed Project structures will be designed to minimize their visual presence, and MM GEO-1, which helps prevent seismically related ground failure related to liquefaction.

Please refer to mitigation measures MM-NOI-3, MM AES-3 and MM GEO-1 in this EIR.



# Addressing Current Concerns



## Graffiti Removal

- Ongoing effort to remove within 24 hours

## Painting of Venice Pumping Plant

## Landscaping on City-owned parcels

# On-Site Meeting



Join us for an informal discussion at the VAPP  
project site

140 Hurricane Street, Venice, CA 90292  
Saturday, June 18, 2022 at 10 am

# Additional Information



## VAPP Website and EIR

<https://eng.lacity.org/about-us/divisions/environmental-management/projects/venice-auxiliary-pumping-plant-project>

## Outreach Team Contact

[LASAN.CleanWater.Outreach@lacity.org](mailto:LASAN.CleanWater.Outreach@lacity.org)

213-485-3221

# QUESTIONS AND COMMENTS?