

# Abatement Order 1212-40

## Condition 27

*No later than **October 6, 2024**, Respondent shall submit a report listing all equipment (identified by permit number, if applicable) currently undergoing refurbishment or planned to undergo refurbishment within the next year, repair, and/or construction with a description of the scope of the project, project timeline, and indicate if permit applications have been submitted to South Coast AQMD. **This report shall be updated every month and included in the monthly progress report requested in condition 51.***

Per the above mentioned condition, as of **10/31/2024**, these are the items currently undergoing refurbishment, major repair or will be under construction in the next year. All dates provided are best estimates and are subject to change, as all projects are subject to unforeseen circumstances. LASAN and their contractors will do their best to meet these projected completion dates.

## Currently Under Refurbishment/Repair

This is a list of the permitted equipment that is currently undergoing major repairs/refurbishment.

<b>Permit</b>	<b>Project</b>	<b>Projected Completion Date</b>	<b>Permit Changes</b>
<b>A/N 595821</b>	Primary Battery B Repair	6/2025	No
<b>G48629</b>	Clean and repair tanks, replace skimmers.		
<b>A/N 595821</b>	Primary Battery D Repair	6/2025	No
<b>G48629</b>	Clean and repair tanks. Six tanks planned to be put in service by 11/30/24		
<b>A/N 595821</b>	Headworks Barscreens	12/2025	No
<b>G48629</b>	Cleaning of channels and replacement of bypass gate.		
<b>A/N 595821</b>	Intermediate Pumping Station	ongoing	No

<b>G48629</b>	<p><b>Completed</b> - Realignment of screws 2, 3, and 9.</p> <p>Ongoing electrical work on pump 9. Replacement of gearbox on pump 7</p>		
<b>A/N 595821</b>	High purity oxygen reactors	10/31/2024	No
<b>G48629</b>	<p><b>Completed</b> - Cleaning of Reactor 1A</p>		
<b>A/N 595821</b>	Secondary Clarifier	ongoing	No
<b>G48629</b>	<p>Replacement of Motor drive for 3 Clarifiers</p>		
<b>A/N 595821</b>	Service Water Facility Microscreens	12/31/2024	No
<b>G48629</b>	<p>Replacement and repairs of 12 Aquadisk Tanks, including microscreen filter socks and pumps</p>		
<b>A/N 595821</b>	Digester Screening Facility	ongoing	No
<b>G48629</b>	<p>Replace with new enclosed screens with improvement of screens air plenum and flushing system and modification of filtrate collection system. Replace with new belt presses and screw conveyors</p>		
<b>A/N 595821</b>	Digesters	ongoing	No
<b>G48629</b>	<p>Clean and inspect digesters: Digester 6D1, 6D2, 5D2. Duration will be determined once the extent of the work is established after inspection.</p> <p><b>Completed</b> - cleaning and inspection of digester 5E</p> <p>Equipment replacement on digesters 3D1 and 8E. Estimated completion November 2024.</p> <p>Digester 3E repairs underway, estimated completion January 2025.</p> <p>2D1 Noise reduction devices installed around mixer.</p>		

## Planned Refurbishment/Repair, 10/2024 – 10/2025

This is a list of the permitted equipment that is planned to undergo major repairs/refurbishment in the next year. The dates are estimates and not a guarantee that the work will start or complete by the target dates. Items listed as TBD have other items that need to be completed or detailed evaluation needs to be done before the work can commence.

<i>Permit</i>	<i>Project</i>	<i>Projected Duration</i>	<i>Permit Changes</i>
<b>A/N 425835</b>	Emergency Generator – Technical Support Facility	TBD	Yes
<b>R-F66848</b>	Replace the existing emergency generator. Work pending approval of A/N 614330. Finalizing electrical plans for installation.		
<b>A/N 330359</b>	Emergency Generator – Intermediate Pumping Station	TBD	Yes
<b>R-F9091</b>	Plan to replace the generator. Evaluating plant's needs.		
<b>G48627</b>	Bio-trickling Facility – Headworks	TBD	No
<b>577884</b>	Replace blowers and dampers. Work pending funding approval and equipment procurement.		
<b>G15554</b>	Chemical Scrubber – DSF	TBD	No
<b>299230</b>	Replace blower and dampers. Work pending funding approval and equipment procurement.		
<b>A/N 595821</b>	Primary Battery C Repair	Complete 6/2025	No
<b>G48629</b>	Replacement of the skimmers. Work to be scheduled after primary battery B is completed		
<b>A/N 595821</b>	Primary Battery D Repair	TBD	No
<b>G48629</b>	Clean and repair tanks, replace skimmers. Work will begin after primary battery B is completed.		
<b>A/N 595821</b>	Headworks Barscreens	Complete 12/31/2025	No

<b>G48629</b>	Rebuild Barscreen 9, install redundant influent channel LIT, install passive overflow slots for west bypass and channels 1 and 10.		
<b>A/N 595821</b>	Aerated Grit Basin	Begin 3/2025	No
<b>G48629</b>	Replace grit isolation valves		
<b>A/N 595821</b>	High purity oxygen reactors	Continuous	No
<b>G48629</b>	Cleaning of reactors. Specific reactors will be determined once the existing cleaning project is completed.		
<b>A/N 595821</b>	Digesters	TBD	No
<b>G48629</b>	Replace valves, flow meters, VFDs, PRV, pumps, actuators, MOVs in D1, D2, and E. Work will begin once ongoing digester repairs are completed.  Repair of equipment on digesters 8E, 2D1 and 4D2		
<b>A/N 595821</b>	Waste Activated Sludge Thickening Facility	TBD	No
<b>G48629</b>	Cleaning of wet well. Included in the flood recovery project.		
<b>A/N 595821</b>	Digester Screening Facility	TBD	No
<b>G48629</b>	Evaluate and repair screw feeders		
<b>A/N 586745</b>	Air Pollution Control System	4/2025	No
<b>R-G42939</b>	Replace ammonia transfer pumps - unable to perform work, rescheduled for April maintenance shutdown		
<b>A/N 586746</b>	Air Pollution Control System	4/2025	No
<b>R-G42940</b>	Replace ammonia transfer pumps - unable to perform work, rescheduled for April maintenance shutdown		
<b>A/N 595484</b>	Cogeneration System	10/11/24	No
<b>G48570</b>	<b>Completed</b> - Semi annual preventative maintenance		

<b>A/N 595485</b>	Cogeneration System	10/11/24	No
<b>G48571</b>	<b>Completed</b> - Semi annual preventative maintenance		