



Qenos February 2022 ACNCG update

SCAL-1 and Plastics Mothball progress

The SCAL-1 and Plastics site mothball activities have progressed well.

The projects needed to support SCAL-2 and Resins only operation have been implemented and operations have met expectations.

Environmental performance

Qenos has not received any community complaints or had any environmental compliance issues since the December ACNCG meeting.

Safety Performance

There were no recordable injuries for employees and contractors. Contractors performed well for the last quarter which resulted in a charity donation of \$6000 to a local school to support disadvantaged students. Refer community update section.

Community interface

As a result of the **Qenos Altona Contractors** achieving their safety program KPIs for Q4 2021, the group recently presented Altona College Prep-12 with a significant donation.

Assistant Principal, Nathan Guthridge, accepted the donation which will provide personal computers to ten students from the local College's most vulnerable families. These computers will hopefully assist these students in receiving a long lasting education.

At the contractor meeting, Mick Dwyer, Alliance Coordinator said "Our reward is that we have all been able to go home safely every day in Q4 2021 to live the life we want to - not the life we have to. By achieving these KPI's we have the added bonus of being able to contribute to our community."





Regulatory interface

EPA

There have been no issues to address since the December ACNCG meeting

Qenos lodged an application with EPA to extend the due date for the EPA Appointed Auditor verified Clean Up Plan from 14th January to June 30th 2022 due to scope of works to be completed. EPA elected to revoke Clean Up Notice 90009622 to conduct Site 53V assessment in December and issue a new notice under the requirements 2017 EP Act which came into force on 1st July 2021. This was deemed to be a better option to extending the original notice under the EP act of 1970. The EPA is currently drafting up a new notice with the scope intended to be the same as the previous notice. The work to complete the Clean Up Plan are continuing while the new notice is being drafted. Sampling of Soil, groundwater, surface water and sediment has been completed and the write up of the Site Environmental Assessments are 80% complete. The EPA appointed Auditor Verified Clean Up Plan will commence development soon and be ready for submission to EPA by June 30 2022

Greater Western Water

Nothing to report

Worksafe

The Altona Major Hazard Facility Licence is due for renewal November 2022. The Safety Case is undergoing review and revision with a planned submission date of 27 May 2022.

ESV

The Altona Reconfiguration Project means that the Mobil Refinery is no longer supplying propane to Qenos. As a result the Propane Pipeline Licence 258 has been suspended (Oct 2021 to 31 Oct 2026) as a result of the pipeline being placed in a mothballed state (purged and kept under a low pressure nitrogen blanket to prevent corrosion). External inspections will continue.

2021 EIP year-end status

The project to install Carbon Filter to reduce odour at the Olefins Effluent Treatment Plant is nearing completion. The electric extraction fan motor needs to be changed out prior to start up due to the supplied motor having an inadequate Hazardous Area rating. The Carbon filter should be operational around the end of March.

All flare Environment Management Plan activities due in 2021 were completed. (The mothballed plant items have been suspended)

Six of nine Environment Management Activities for 2021 were completed.

The status of the other 3 activities are

- Odour audit hasn't been possible with COVID restrictions. Need to decide future approach
- Need to complete site engineering review of Offsites and BHAL Environment Risk Re assessments.
- ISO 14001 on hold. Not scheduled at this time.

The 2022 EIP will be presented at March meeting

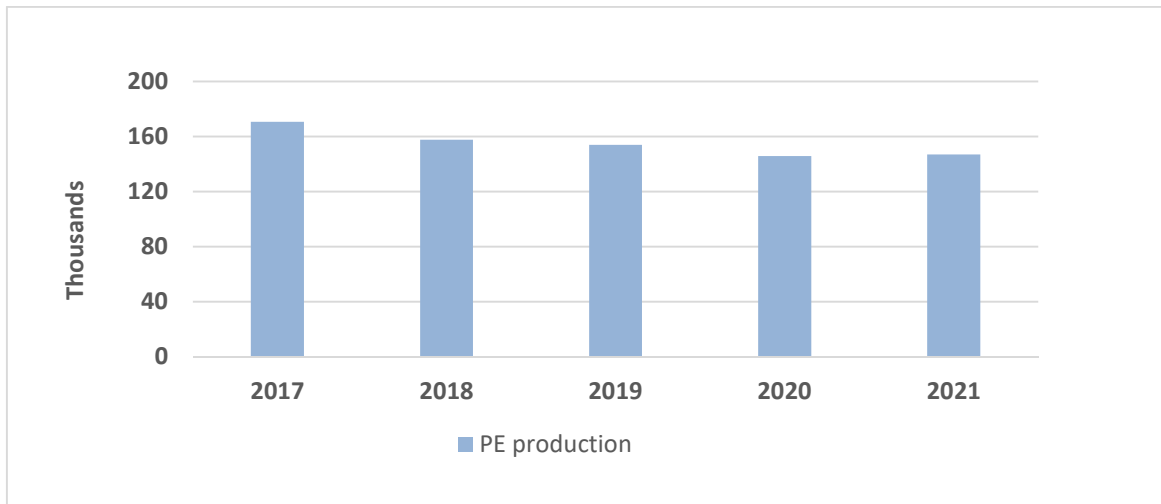


2021 performance trends

Production

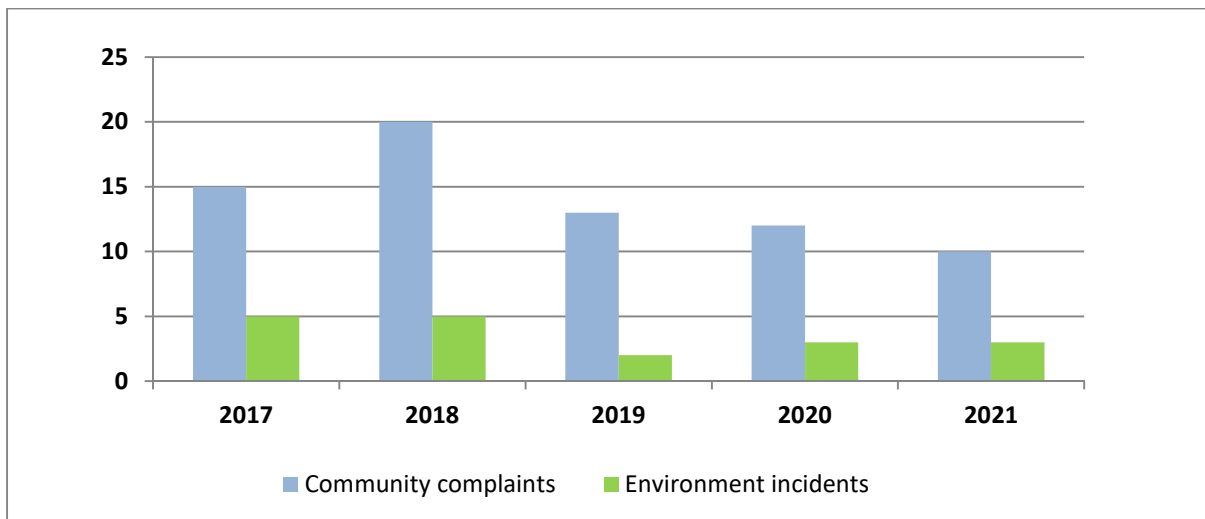
Production at 87% plan.

Mothball of SCAL-1 and Plastics was significant impact



Environmental performance

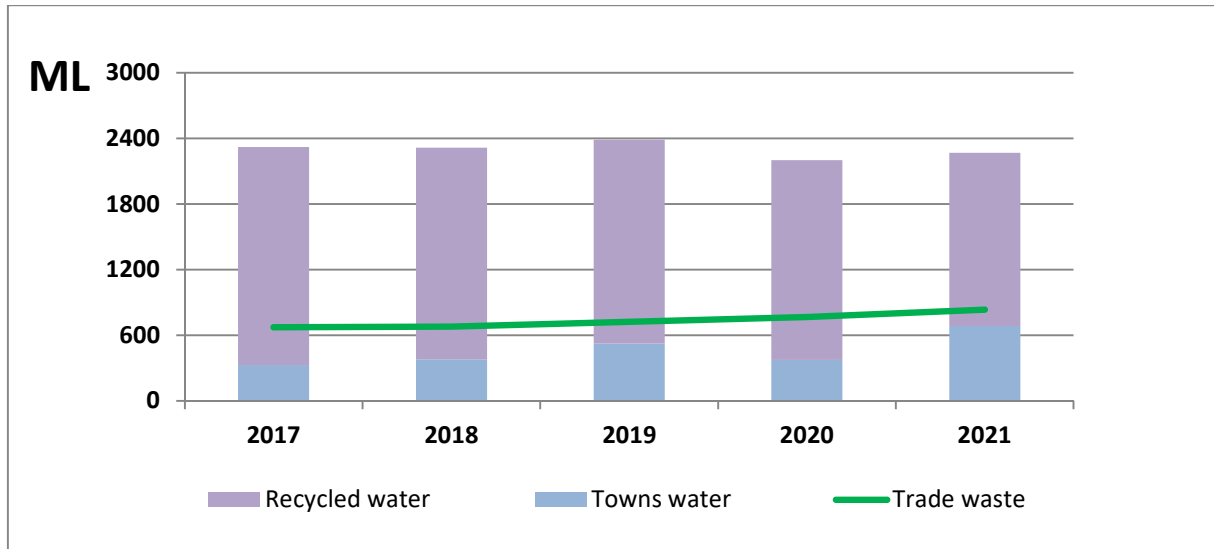
- There were 3 Effluent Treatment plant Odour complaints from February to April
- 7 community complaints were received for Flare noise – 6 in Oct-Nov
- Non-compliance with EPA license when Olefins Process sewer overflowed to stormwater during a storm in February. Analysis of storm water discharge didn't identify any contaminants of concern. The overflow was primarily stormwater from the process sewer catchment
- Resins had a solvent spill during equipment preparation in June. The solvent was recovered in the bund.
- A Sulphide non-compliance in trade waste to Greater Western Water was reported in June due to a breakthrough of Sulphides from the Spent Caustic Carbonation plant





Water Consumption

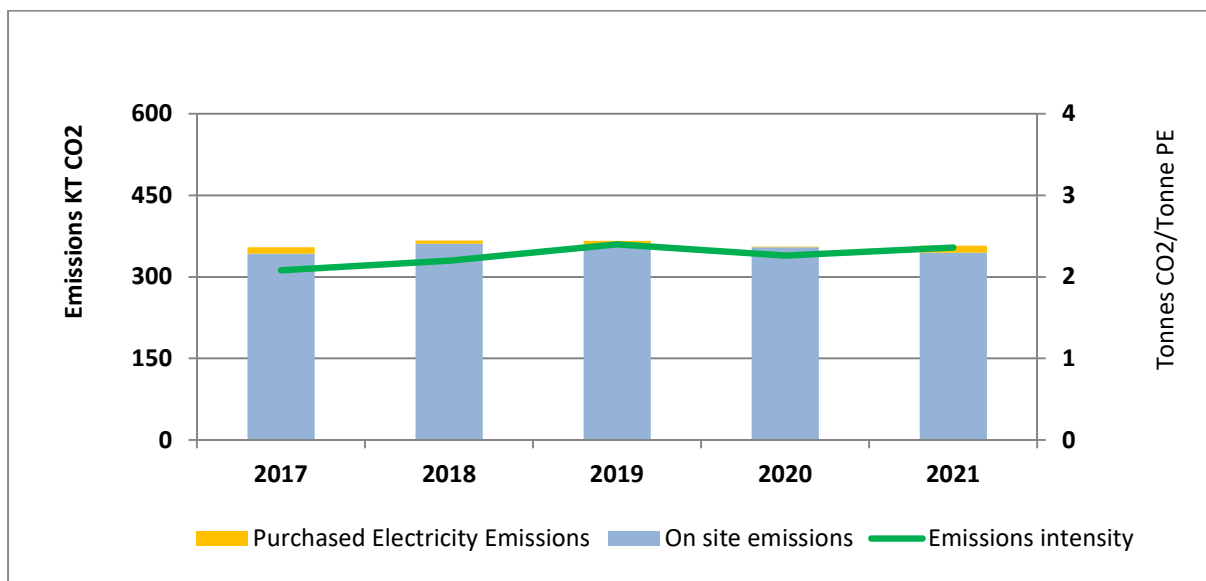
Recycled water availability reduced due to GWW maintenance works at their treatment plant. SCAL-1 shutdown flushing activities increased water consumption and trade waste



Greenhouse Gas emissions

No significant change in 2021 as mothball activity replaced production emissions in SCAL-1. Expect a significant reduction of on site emissions in 2022.

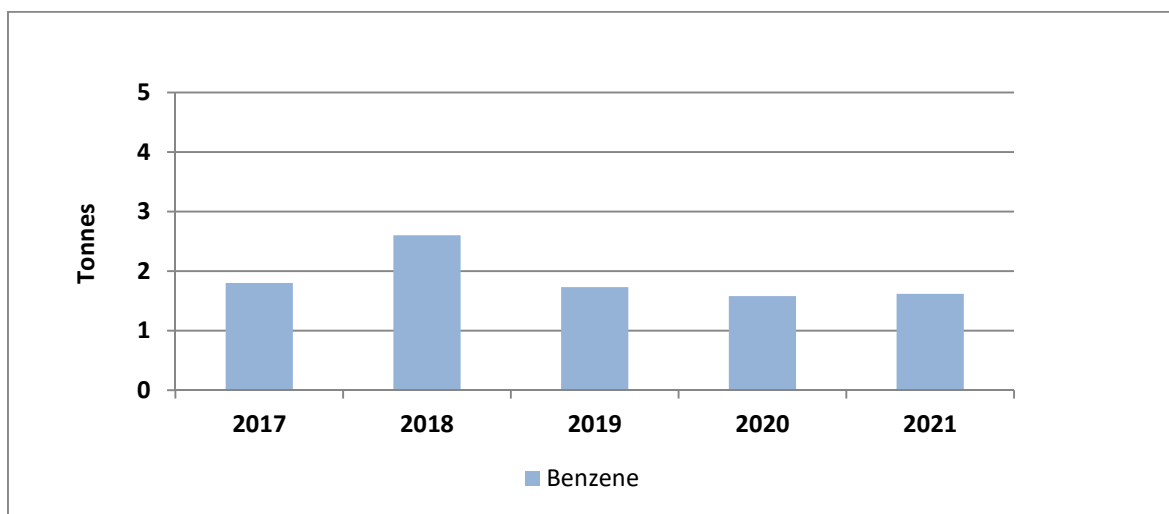
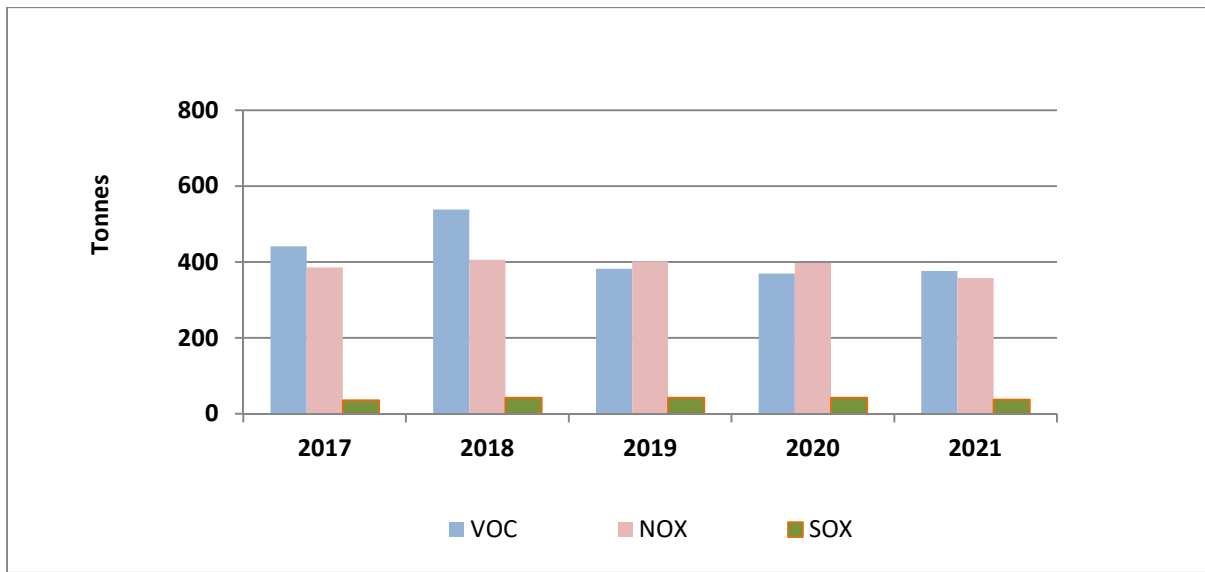
Purchased electricity was higher in 2021 due to the cogeneration plant maintenance requirements.





Emissions

No change to emission profiles





Waste

Increase in prescribed waste primarily due to mothballing activities. Cleaning out process equipment and disposal of surplus raw materials contributed to this

- Industrial wash waters 290 t
- Coke and tar 280 t
- Catalysts and desiccants 270 t
- Waste water & process sludge's 170t
- Polyethylene wastes 100t

