



Kurnell Community Update, 12 May 2022

Dear Kurnell Community,

Thank you for your patience and cooperation as we work to clean up the areas of Kurnell affected by the overflow of the wastewater treatment plant at the Ampol Terminal on Thursday 7 April.

This update provides a summary of the testing and remediation works undertaken to date. For more details, location maps, technical information and full Q&A, please visit - <https://www.ampol.com.au/about-ampol/news-and-media/kurnell-update>

OVERVIEW OF REMEDIATION WORK

Following the incident, a thorough round of water and soil sampling was undertaken in key public areas around Captain Cook Drive, Bridges Street, Marton Park and in the Horse Arena. These results were provided to the community on 19 April.

This initial sampling identified areas requiring remediation to remove impacted soils. Excavation of impacted soil is now progressing in 6 of 8 remediation work zones in public areas, with the remaining areas to commence over the coming weeks.

AIR MONITORING RESULTS

Ampol's contractors carried out air monitoring in the Kurnell area from 22-23 April.

We are pleased to advise that this monitoring only found low levels of compounds from diesel fuel vapours. **None of these levels exceeded recommended reference guidelines and therefore do not indicate risk to human health.**

The levels were similar to, or better than, those found in Australian urban and suburban areas.

VALIDATING REMEDIATION ZONES

To ensure we are delivering remediation effectively, validation soil samples are being collected as we complete excavation works in accordance with NSW EPA guidelines. A larger number of validation samples are being collected than required by these guidelines. This gives us a greater level of confidence in the success of the remediation.

As the results of the validation sampling are returned, they are compared to the most relevant Australian health-based guidelines to understand if management or assessment of the site is needed in the future.

A total of 203 validation samples have been collected and assessed to date. Maps and summary tables of the results can be found on the Ampol website - <https://www.ampol.com.au/about-ampol/news-and-media/kurnell-update>.

Soil samples taken to validate remediation zones are tested for groups of compounds that are known to be present in petroleum products, including diesel. For almost all these compounds, **concentrations were below the health-based criteria**. Given the high density of sampling, this outcome provides confidence in the quality of remediation work delivered to date.

Other findings

Ampol's thorough testing approach has detected Benzo(a)pyrene (BaP) at levels which slightly exceed the health-based criteria in three locations along Captain Cook Drive within the remediated zones. We have reported and discussed these results with the EPA.

We can confirm that there is **very low** health risk at the levels of BaP detected. Additionally, BaP in soil won't cause harm if you do not come in direct contact with it and the affected areas were already covered or capped with soil as part of this remediation program. Capping with soil is a common, effective remediation approach.

While detections of BaP are likely unrelated to the wastewater treatment plant overflow, and pose a very low health risk when capped, Ampol will revisit the locations to remove and replace BaP contaminated soil to ensure community peace of mind.

Our Q&A document has now been updated to include further information on validation sampling and other recent works. As with all our testing results, Ampol has also posted this information on our website.

SUPPORTING THE COMMUNITY

Ampol is continuing to work with and support the community.

- We're working with the Kurnell Progress and Precinct Residents' Association to set up a **community working group** to focus on the remediation work
- We're extending returfing of grassed around the remediation zones

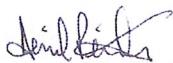
COMMUNITY CONTACT CHANNELS

If you have any feedback or questions about the clean-up and remediation program, please contact our team on **1800 719 669**. This phone line is available 24/7. You can also email us at community@ampol.com.au

We know some community members are waiting for testing results. We are working to share them as soon as possible. In the meantime, please reach out to us with questions. You may also find answers to your questions in our Q&A document located on our website.

We are completing this remediation as quickly as possible and will continue to keep you updated. Thank you for your patience.

Regards,



David Peninton, National Operations Manager

Contact us: 1800 719 669 or community@ampol.com.au

Questions and answers attached to Ampol community notification, 12 May 2022



WHAT IS VALIDATION SAMPLING?

To ensure we are delivering remediation effectively, validation soil samples are being collected as we complete excavation works in accordance with NSW EPA guidelines. A larger number of validation samples are being collected than required by these guidelines. This gives us a greater level of confidence in the success of the remediation.

As the results of the validation sampling are returned, they are compared to the most relevant Australian health-based guidelines to understand if management or assessment of the site is needed in the future.

WHERE ARE YOU SAMPLING?

Validation sampling and locations of sampling is carried out during remediation the clean-up process, according to NSW EPA guidelines. Ampol has asked our environmental consultants to take additional samples to give us extra confidence that the results are correct. You can find a map showing the sampled areas on <https://www.ampol.com.au/about-ampol/news-and-media/kurnell-update>

WHAT ARE YOU SAMPLING FOR?

Ampol's environmental consultants are sampling for a range of compounds known to be present in petroleum products, including diesel.

Results in the remediation work zones have confirmed that the levels of most of these compounds were at concentrations below health-based criteria. In three locations levels of Benzo(a)pyrene (BaP) were found slightly exceed the health-based criteria. While these exceedances are likely unrelated to the wastewater treatment plant overflow, and while they pose a very low health risk in its current locations, Ampol will revisit the locations to remove the BaP impacted soil to ensure community peace of mind.

WHAT IS BENZO[A]PYRENE?

Benzo[a]pyrene (BaP) is a polycyclic aromatic hydrocarbon that can be found in a range of materials and substances, including automotive exhaust fumes, coal tar, tobacco smoke and many foods.

WHERE DID YOU FIND HIGHER THAN NORMAL LEVELS OF BaP?

Ampol's thorough testing approach has detected BaP at levels which slightly exceed the health-based criteria in three locations along Captain Cook Drive within the remediation zones. These exceedances are likely unrelated to the recent incident at the Ampol terminal.

IS THERE A HEALTH RISK FROM BaP?

There is **very low** health risk from these levels of BaP. BaP does not pose a health risk when it is covered, and the affected areas have already been capped with soil as part of the remediation program.

WHY HAS BaP BEEN DETECTED?

We have reported and discussed these results with the EPA and we believe that it is unlikely to be related to the wastewater treatment plant overflow event.

BaP can sometimes be found in backfill used historically in public areas.

While detections of BaP are unlikely to be related to the wastewater treatment plant overflow, and pose a very low health risk when capped, Ampol will revisit the locations to remove and replace BaP contaminated soil to ensure community peace of mind.

WAS BaP PRESENT IN THE ORIGINAL SAMPLING RESULTS? IF NOT WHY NOT?

No. The detections of BaP are likely unrelated to the recent incident at the Ampol terminal.

WHY DON'T I HAVE MY RESULTS YET?

We know some community members are waiting for testing results and we will share with you as soon as possible.

ARE FURTHER RESULTS BEING MADE AVAILABLE?

Ampol's contractors will continue to sample and test throughout the remediation, and we will share the results as they become available. All Ampol testing results can be found on our website.

HAVE YOU TESTED THE AIR QUALITY?

Yes, Ampol's consultants conducted air monitoring at several locations in Kurnell between 22 and 23 April. The results found low levels of compounds from diesel fuel vapours. None of these levels exceeded recommended reference guidelines. The levels were typical of, or better than, Australian urban and suburban areas

WHO CAN I GET IN TOUCH WITH TO ASK QUESTIONS?

If you have any feedback or questions about the clean-up program, please contact our team on 1800 719 669 or at community@ampol.com.au