

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