



# Ampol Kurnell Terminal – Flooding Incident Emergency Response

## **Figure 1.7**

### Remediation Zone 6 - Sampled locations and table

## Legend

- Remediation Zone Samples  
(28/05/22 - 15/06/22)
  - Remediation Zone Samples  
(21/04/22 - 27/05/22)

 Remediation Zone 6



 Coordinate system: GDA2020 MGA Zone 56  
Scale ratio correct when printed at A1  
1:200 Date: 8/07/2022

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Data sources: Metromap Aerial Imagery; NSW Department of Planning and Environment;  
Geoscience Australia; Ampol

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| TRH #1  |           |           |           |                 |          |                         |           |                                 |           |           |                 | PAH #2        |                 |            |                   |                                  |                                 |                               |                     |                     |          |                       |              | BTEXN #1                |              |        |            |         |         |              |                |            |              |             |       |     |     |
|---------|-----------|-----------|-----------|-----------------|----------|-------------------------|-----------|---------------------------------|-----------|-----------|-----------------|---------------|-----------------|------------|-------------------|----------------------------------|---------------------------------|-------------------------------|---------------------|---------------------|----------|-----------------------|--------------|-------------------------|--------------|--------|------------|---------|---------|--------------|----------------|------------|--------------|-------------|-------|-----|-----|
| C6 - C9 | C10 - C14 | C15 - C28 | C29 - C36 | C10 - C36 (Sum) | C6 - C10 | C6 - C10 less BTEX (F1) | C10 - C16 | C10 - C16 less Naphthalene (F2) | C16 - C34 | C34 - C40 | C10 - C40 (Sum) | Aceanaphthene | Aceanaphthylene | Anthracene | Benz(a)anthracene | Benz(a)pyrene TEQ (medium bound) | Benz(a)pyrene TEQ (upper bound) | Benz(a)pyrene TEQ calc (zero) | Benz(b&h,i)perylene | Benz(k)fluoranthene | Chrysene | Dibenz(a,h)anthracene | Fluoranthene | Indeno(1,2,3-c,d)pyrene | Phenanthrene | Pyrene | PAHs (Sum) | Benzene | Toluene | Ethylbenzene | Xylene (m & p) | Xylene (o) | Xylene (Sum) | Naphthalene |       |     |     |
| mg/kg   | mg/kg     | mg/kg     | mg/kg     | mg/kg           | mg/kg    | mg/kg                   | mg/kg     | mg/kg                           | mg/kg     | mg/kg     | mg/kg           | mg/kg         | mg/kg           | mg/kg      | mg/kg             | mg/kg                            | mg/kg                           | mg/kg                         | mg/kg               | mg/kg               | mg/kg    | mg/kg                 | mg/kg        | mg/kg                   | mg/kg        | mg/kg  | mg/kg      | mg/kg   | mg/kg   | mg/kg        | mg/kg          | mg/kg      | mg/kg        | mg/kg       | mg/kg |     |     |
| 20      | 20        | 50        | 50        | 50              | 20       | 20                      | 50        | 50                              | 100       | 100       | 100             | 0.5           | 0.5             | 0.5        | 0.5               | 0.5                              | 0.5                             | 0.5                           | 0.5                 | 0.5                 | 0.5      | 0.5                   | 0.5          | 0.5                     | 0.5          | 0.5    | 0.5        | 0.5     | 0.5     | 0.5          | 0.1            | 0.1        | 0.1          | 0.2         | 0.1   | 0.3 | 0.5 |

**Comments**  
(#1) Criteria for TRH and BTEXN adopted from CRC Contamination Assessment and Remediation of the Environment Technical Report 10: Part 1 2011 (CRC CARE, 2011), Table A-4 Health Screening Levels, HSL-A Residential, Direct Contact

(#1) Criteria for TRH and BYEX adopted from CRC Contamination Assessment and Remediation of the Environment Technical Report 10, Part 1 2011 (CRC CARE, 2011), Table A-4 Health Screening Levels, HSL-A Residential, Direct Contact  
(#2) Criteria for PAH adopted from National Environmental Protection (Assessment of Site Contamination) Measure (ASC NEPM), Volume 2, Schedule B1, Table 1A(1) Health investigation levels for soil contaminants, HIL-A Residential  
mBGL - metres Below Ground Level

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Sample location