



RO_Process for Progress
to Closure Update
June 2023

Case study 1 – more straight forward closure

- Historic LOPC
- LNAPL Recovery
- Raise and Rebuild – removal of source zone
- MNA monitoring to low risk concentrations
- Application for closure
 - Sent report with consultant recommendation letter to close the RO. Followed up with several emails + telephonic correspondence, site visit – minuted meeting and attendance register and probed for closure date.

4.2 GROUNDWATER SAMPLING – TIER I SCREENING

From the above tables, the following can be determined:

- The concentrations of the targeted determinants of concern across all of the collected groundwater samples once again do not exceed the chosen screening levels (where available).
- Furthermore, the quality of the groundwater as sampled from all of the monitoring wells has either remained consistent (with all determinant concentrations falling below the laboratory's minimum detection limits in monitoring wells MW 2 to MW 5), or it has once again improved (monitoring well MW 1).

4.3 SURFACE WATER SAMPLING – TIER I SCREENING

From the above table, the following can be determined:

- The concentrations of the targeted determinants of concern once again do not exceed the chosen screening levels (where available).

Based on the information contained in the Water Monitoring & Sampling Report V, it is evident that the groundwater concentration levels of hydrocarbons contamination are below laboratory detection limits and free from Non-Aqueous Phase Liquids. As a result the remediation objectives are achieved and the site does not present an unacceptable risk to human health and the environment. Therefore, the investigation area is no longer contaminated.

Case Study 2 – RO Open – system paused

- Remediation order issued in lieu of large onsite and offsite LNAPL plume.
- Remediation system installed to extract LNAPL.
- Regional GW levels have risen and LNAPL no longer extractable.
- Demonstrated to DFFE and system has been paused. RO remains open for a monitoring period.

Case Study 3 – Alternate source impacts

- bp remediated its operating impacts
- Additional fuel source remains, however unrelated to bp activities.
- Closure requested for bp's RO while the land remains impacted.
- Site Visits, Meetings to include visual presentations.
- Decision pending.