



PROJECT SUMMARY

Site Protection Monitoring Programme (SPMP)
Design and Implementation
Confidential Clients, Natural Gas Processing Terminal, UK



KEY PROJECT ELEMENTS

- DESIGN SPMP
- REFERENCE DATA COLLECTION
- INFRASTRUCTURE MONITORING
- LONG TERM ENVIRONMENTAL MONITORING
- REPORTING
- LIABILITY ASSESSMENT

Following successful application for PPC permits, including the preparation of the Application Site Reports (ASR), CRA designed and implemented the Site Protection and Monitoring Programmes required under the Integrated Pollution Prevention and Control (IPPC) regime for four separate clients and permits. Following consultation with the Environment Agency a preliminary ground condition assessment was undertaken to inform the SPMP design, in particular the collection of Reference Data and environmental monitoring network. Following completion and reporting of the preliminary assessment, Design SPMPs were completed for each of the four installations enabling a preliminary conceptual ground model to be prepared and refinement of the final SPMP design to be completed. The Design SPMPs included both environmental and infrastructure monitoring regimes, sampling protocols and standards, laboratory methods and accreditations.

Subsequent to submission of the final Design SPMP and collection of Reference Data, a programme of infrastructure monitoring and long term environmental monitoring is now conducted at the sites including:

- Groundwater sampling and testing and monitoring
- Surface water discharge sampling and testing
- Critical equipment evaluation
- Bund inspection and in-situ testing
- Reporting
- Regulatory liaison
- Liability assessment