

OUR PROJECTS

Environmental Strategic Assessments



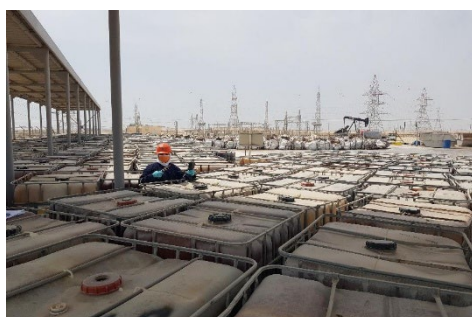
Project: 5 New Cities Environmental Baseline Studies (2022 - 2024)

Location: Bahrain

Client: Urban Planning and Development Authority (UPDA)

Scope:

- Ground truthing survey (remote video survey, wading).
- Remote sensing - seafloor and terrestrial habitat classification and mapping.
- Environmental sensitivity and exclusion mapping.
- Extensive marine and Intertidal ecological surveys (coral, seagrass and fish assessment, algal and invertebrate communities) and Consultation.



Project: Tatweer Cumulative Field Assessment and NORM Training (2023)

Location: Bahrain

Client: Tatweer Petroleum (Tatweer)

Scope:

- Baseline air quality and Naturally Occurring Radioactive Material (NORM) surveys.
- Air, Norm and Waste Cumulative Field Assessment (CFA).



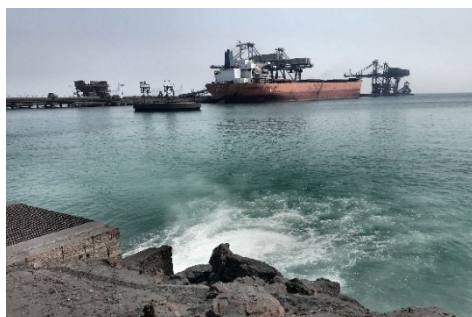
Project: Limited Environmental Due Diligence (2023)

Location: Bahrain

Client: TechRE Middle East Consulting (TechRE)

Scope:

- Field walkover survey and land use identification.
- Site inspection and aerial photographs.
- Questionnaires.



Project: Strategic Environmental Assessment and Management Study of Hidd Industrial Area (2020)

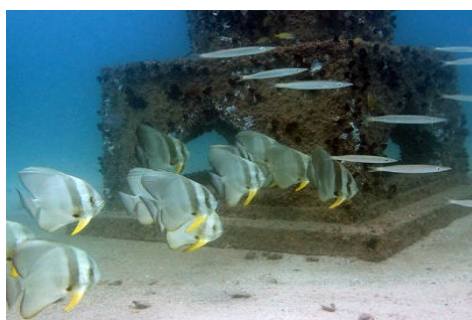
Location: Bahrain

Client: Ministry of Works, Municipalities Affairs & Urban Planning

Scope:

- Baseline air and noise surveys.
- Soil contamination surveys.
- Sampling (seawater, sediment).

- Hydrodynamic modelling (flow, flushing and dispersion).
- Stakeholder Engagement Plan (SEP).
- Air quality Strategy Report.
- Noise Technical Guidance.
- Marine Management Strategy Report.
- Marine Technical Guidance Document.
- Planning and Land-Use Report.



Project: Construction, Deployment and Monitoring of Artificial Reefs (2012 - 2013)

Location: Bahrain

Client: Supreme Council for Environment

Scope:

- Site selection studies (GIS exclusion mapping, ecological surveys, hydrodynamic stability assessment consultation).
- Sampling (seawater, plankton, fish traps).
- Construction and deployment of 2700 artificial reef units.
- Fish and invertebrate community monitoring.



Project: Monitoring Programme for the Oyster Bed Sites (2012)

Location: Bahrain

Client: Directorate of Human Resources & Finance – Ministry of Culture

Scope:

- Ground truthing (remote video) in support of seafloor habitat mapping.
- Marine ecological survey (remote video survey, SCUBA).
- Sedimentation study (installation of sediment traps).
- Sampling (seawater, sediment, zooplankton).
- Analysis of population structure & pearl incidence.



Project: Tubli Bay Specialized studies (2008)

Location: Bahrain

Client: Ministry of Works

Scope:

- Legislative review.
- Hydrodynamic flows and water flushing.
- Quantification and geographical mapping.
- Review of existing sediment chemistry result.
- Occupational and public human health guidelines.
- Removal and transport of sediment.