



*International Consultants*

Safety, Health & Environment Management Systems Consultants

COMPANY PORTFOLIO

Oct-21



# About SHEMS



SHEMS is a Kuwaiti based Environmental Consultation firm established in 2001 by Dr. Faten AlAttar, a professional and dedicated consultant specialized in the field of environment and sustainability. SHEMS offers consultation in Environment, Health and Safety, and worked for many years with industries, engineering firms, and governmental organizations in a professional and dedicated manner. As an EPA registered Class “A” firm, as well as being registered by KOC and KNPC, SHEMS provides consultation in the various fields of the environment including Impact Assessment (EIA), HSE Management Systems, gap analysis, ecological and environmental studies and health & safety aspects of any organization and in the field.





# Meet our Outstanding Team



Dr. Faten AlAttar

**FOUNDER & GENERAL MANAGER**

Dr. Faten AlAttar, has a PhD in Sustainable Development Strategies and MSc. in Environmental Impact Assessment and Waste management from University of Aberdeen, Scotland, U.K. Obtained a BSc. Degree in Chemistry and Industrial Management from Kuwait University and has over 20 years of successful Environmental consultancy in the fields of Environmental Impact assessment and Management systems. Dr. AlAttar is the first Kuwaiti registered with the Institute for Environmental Management and Assessment (IEMA) in UK as an Environmental Assessor & Associate Auditor. She is a candidate for Green Building GA & AP.



Dr. Richard Pagett

**ADVISORY BOARD MEMBER**

An international adviser with experience in more than 90 countries specializing in environmental, climate change and sustainability issues. His work spans many sectors: governance, oil and gas, tourism, manufacturing, agriculture and forestry, biodiversity and natural resource management, transportation, water, waste and rural development.



# Meet our Outstanding Team



Eng. Deema AlAkhrass

## ENVIRONMENTAL ENGINEER

Joined SHEMS in 2010. She has a Bachelor Degree in Civil Environmental Engineering and conducted many environmental studies for industries and other Development projects.



Sami Azaar

## ENVIRONMENTAL SPECIALIST

Joined SHEMS in 2011. He has a BSc. Degree In Chemistry from Homs University, Syria. Conducted many environmental studies for industries and other development projects.



Sasan Ghasem Pouri

## ENVIRONMENTAL SPECIALIST

Joined SHEMS in 2014, Sasan is an Industrial Hygiene and Safety Graduate from Kuwait. He conducted tens of field visits and use of equipment as well as preparing environmental reports for various clients.



Eng. Rafa Nasir

## CIVIL ENGINEER

Joined SHEMS in 2021, Eng. Rafa Nasir is a qualified Engineer who holds a BSc degree in Civil Engineering from Aman Ahliyah University, Jordan. She is gaining good experience in the environmental field and is a promising member of SHEMS.





# Our Services

## Mission

SHEMS INTERNATIONAL Environmental Consultants brings dedication and commitment to our clients. We will never fail to meet their expectations.

## Vision

SHEMS INTERNATIONAL (The Safety Health & Environment Management Systems) firm will continue to maintain its distinguished status among the environmental consultation firms through committed, strong and sincere partnership..





# Our Services



## Services

- Strategic Impact Assessment
- Project Environmental and Social Impact Assessment
- Environmental Management Systems and Auditing
- Ecological Studies
- Environmental Planning
- Site Assessment
- Soil Contamination Studies
- Environmental Consultancy in Waste Management
- Health 7 Safety Consultancy
- Environmental Monitoring
- Consultancy in Sustainable Development and SD Indicators



## Values

- We care for the environment and future generations
- We work in partnership with our client and respect our commitments.
- We believe and value our employees.







# *SHEMS Main Projects*





# Planning







## 2015-2016

Client: Kuwait Municipality

Consultant: Dar Osama BuKhamseen

Engineering Office

Project: Comprehensive land use planning framework to protect sand supply sources for construction uses in Kuwait. Planning framework and regulations report.



## 2017-2018

Client: Kuwait Authority for Partnership Projects (KAPP)

Consultant: Dar AIDwaila Engineering Office.

Project: Environmental and social impact assessment study for Al-jahra labor city project. (Phase II)



## 2013-2014

Client: Kuwait Engineering Group and Public Authority for Agriculture and Fisheries Resources.

Project: Present environmental consultation and strategic assessment for the delineation of PAAF locations as per Kuwait Third Master Plan review 2005.





2011-2012

Client: Kuwait Municipality

Consultant: Dar Osama Bukhamseen

Design/HALDCROW

Project: Baseline study, field survey and all data collection, environmental impact assessment and geo topographical survey for the project physical development plan for the third sub-region



2012-2013

Client: Kuwait Municipality

Consultant: Osama Bukhamseen Design/Parson  
Brickinhoff

Project: Carrying out land use survey for the project traffic management & updating plan for Hawalli area



2011-2012

Client: Kuwait Municipality

Consultant: Osama Bukhamseen Design (OBD)  
with BDP

Project: Carrying out environmental and land use survey for the project traffic management & updating plan for salmiya area





2010-2011

Client: Kuwait Municipality

Consultant: Colin Buchanan/ Al-Shaheen

Engineering

Project: Carrying out environmental impact assessment study and reporting for Shuwaikh crafts services and commercial master plan update for Kuwait municipality.



2011-2012

Client: Kuwait Municipality

Consultant: Kuwait Engineering Group

Project: Environmental Impact Assessment Study for Strategic assessment of Kuwait Industrial Areas.



2006-2007

Client: Dar OBD/Failaka Development

Consortium on behalf of Mega Projects.

Project: Environmental impact assessment study for the Failaka island development and master plan project





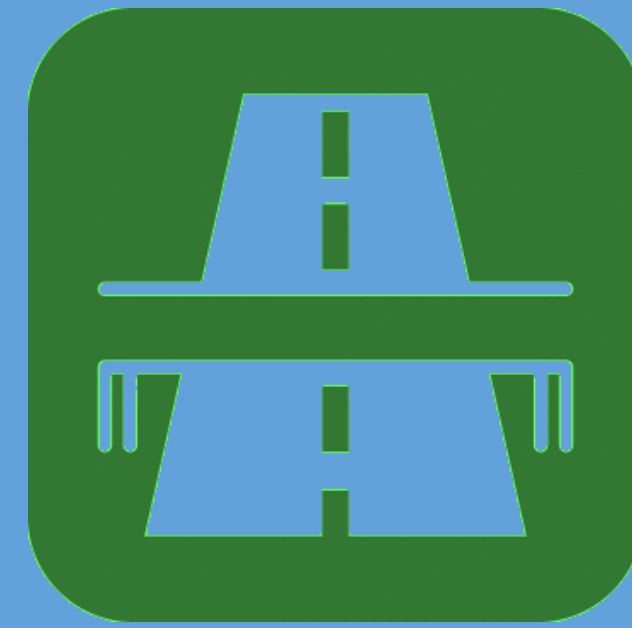
# Other Projects

- Planning October 2012: Traffic Study Survey for Justice Palace Visitors car park. Consultant Gulf Consultant/ Parson Brickinghoff. Client : Ministry of Public Works (MPW)
- September 2005: Contracted to conduct a Preliminary EIA study for the "New Used Garage Area Facility, at Shuaiba Industrial Area, Kuwait" for Osama BuKhamseen Engineering Office.
- July-November 2004: Conducted an EIA study for Kuwait Technical Engineering Office for a Large Size Storage Facility at Al-Doha Area, Kuwait.
- June 2003: Conducted EIA study "The construction of Al-Salmiya Park". Client: Kuwaiti Manager Company.
- June 2003: Conducted EIA study "The construction of Kuwait Heritage Village". Client: Al-Jazeera Engineers





# Infrastructure and Roads

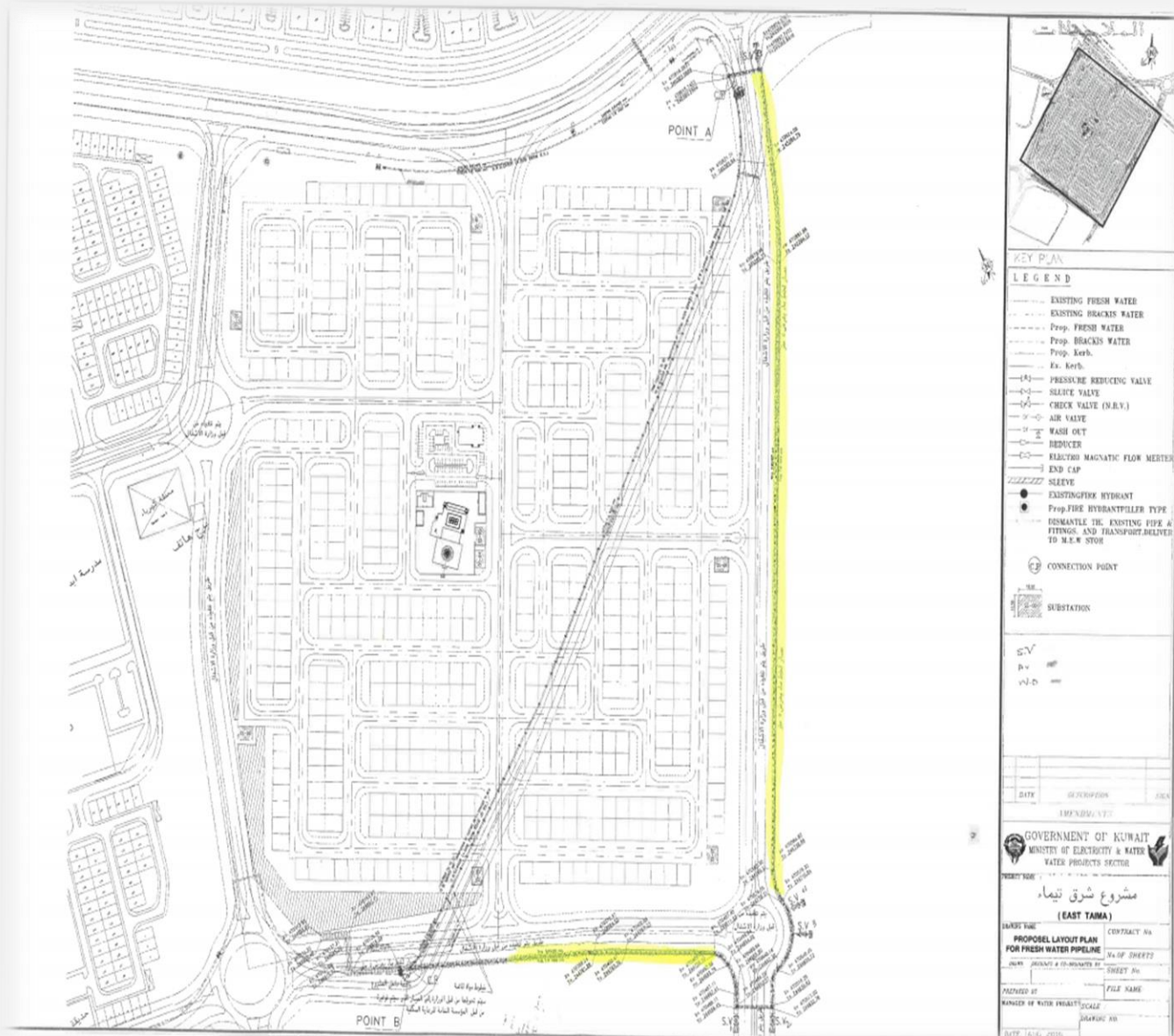






## 2021-Present

Client: Public Authority for Housing Welfare  
Contractor: CANAR Trading and Contracting  
Environmental monitoring works and reporting  
for public buildings construction works



## 2020-2021

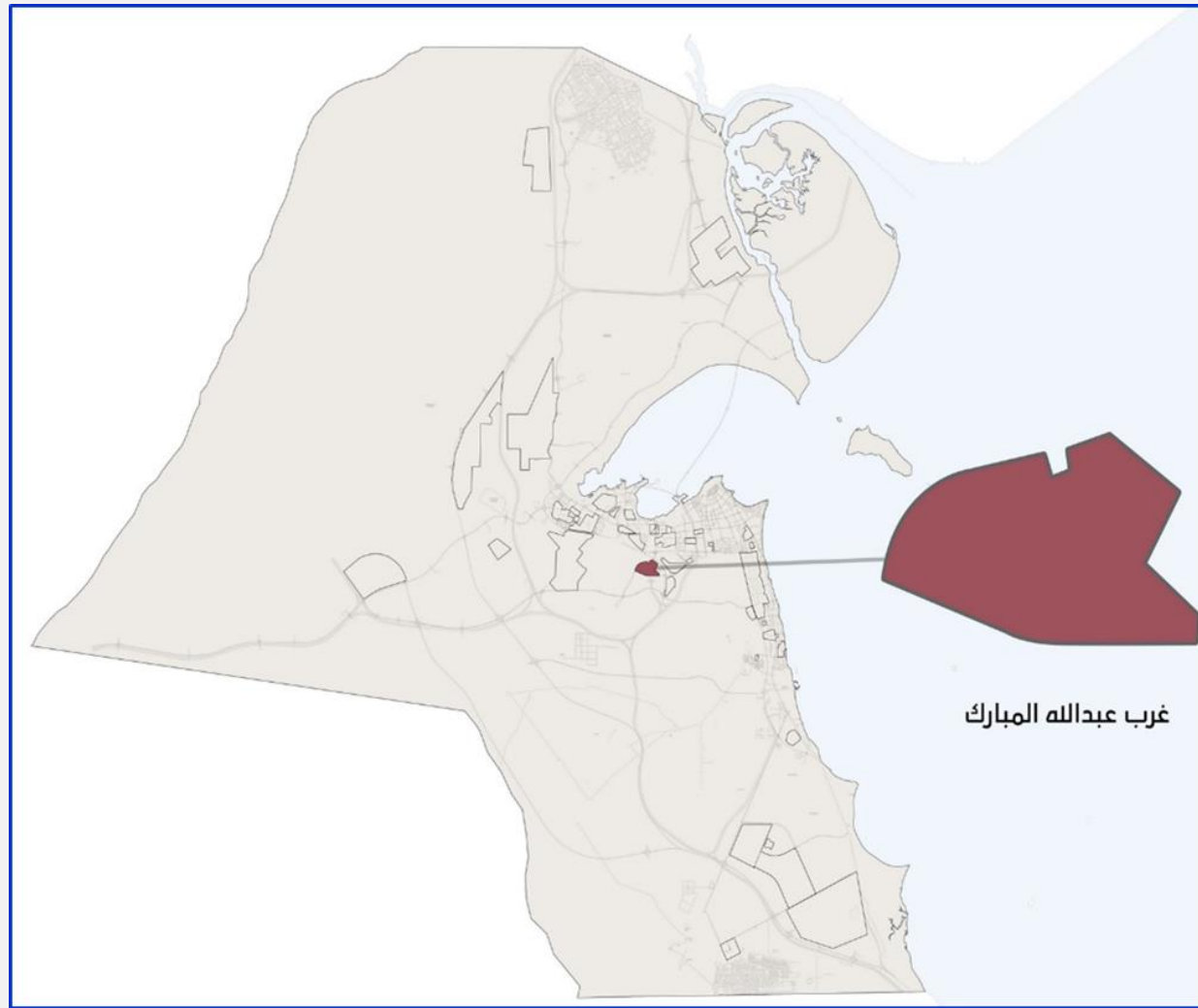
Client: Ministry of Public Work  
Main Contractor: Al-Forgan Co.  
Environmental monitoring works and reporting  
for Construction of new water lines In East  
Taima'a Housing project



## 2021-Present

Client: Public Authority for Housing Welfare  
Contractor: Taroof trading company  
Environmental monitoring





## 2019-Present

Client: Ministry of Public Work/ PART

Main Contractor: ITINERA

Contractor: POLATYOL

Environmental monitoring works and reporting  
for Upgrading of Abdaly Highway



## 2019-Present

Client: Public Authority for Housing Welfare

Contractor: Al- Hamra Kuwait company W.L.L

Environmental monitoring works and reporting  
for West Abdullah AlMubarak Residential Area



## 2018-2020

Client: Public Authority for Housing Welfare

Contractor: KCCEC

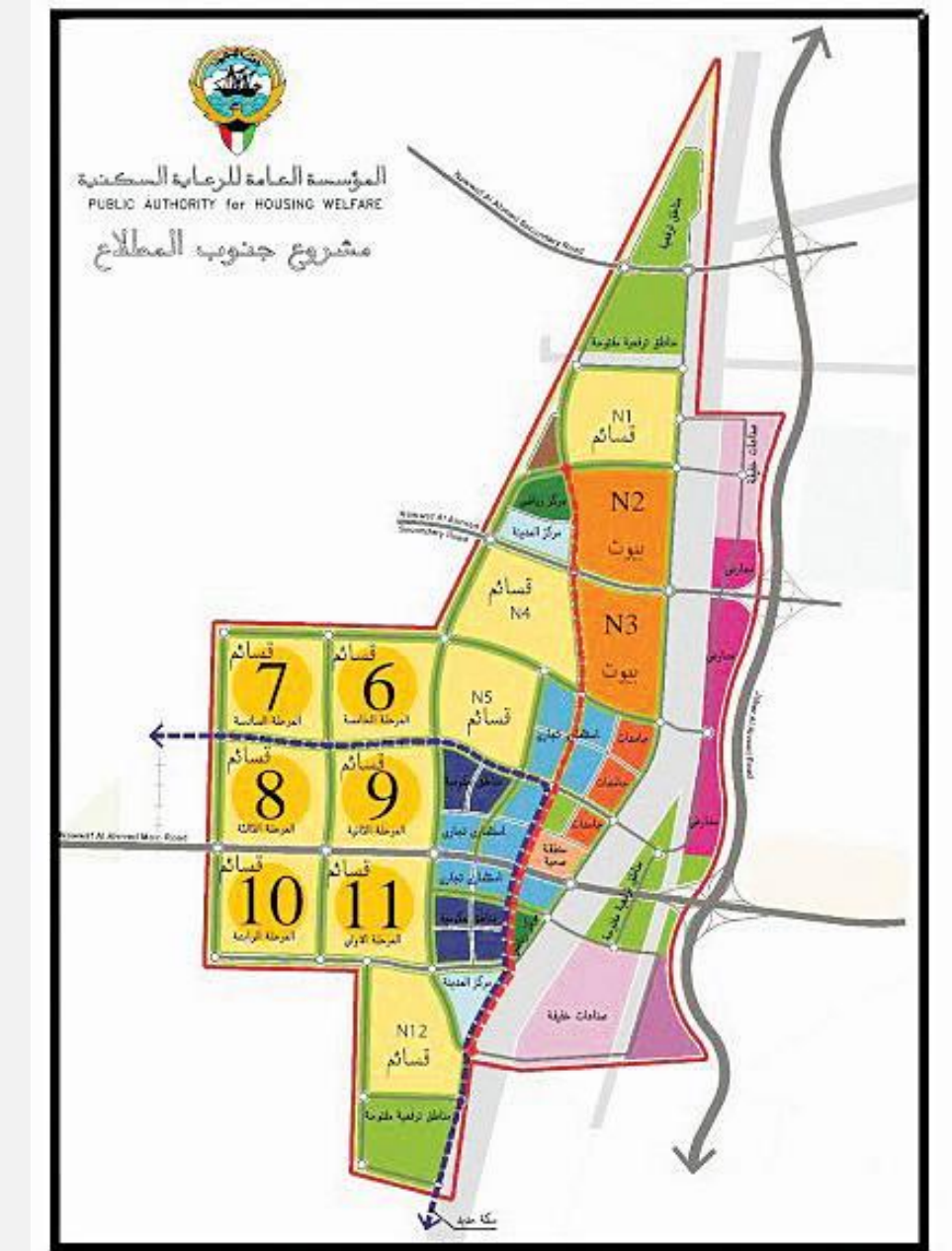
Environmental monitoring works and reporting  
for: South Abdullah AlMubarak Residential Area





2019 – 2021

Client: Public Authority for Housing Welfare  
Contractor: SINOHYDRO Corporation Limited  
Project: Environmental studies, monitoring works and reporting for construction completion and maintenance of infrastructure works, main roads and substation power station in the low-cost housing project in Salmi Road.



2019-2021

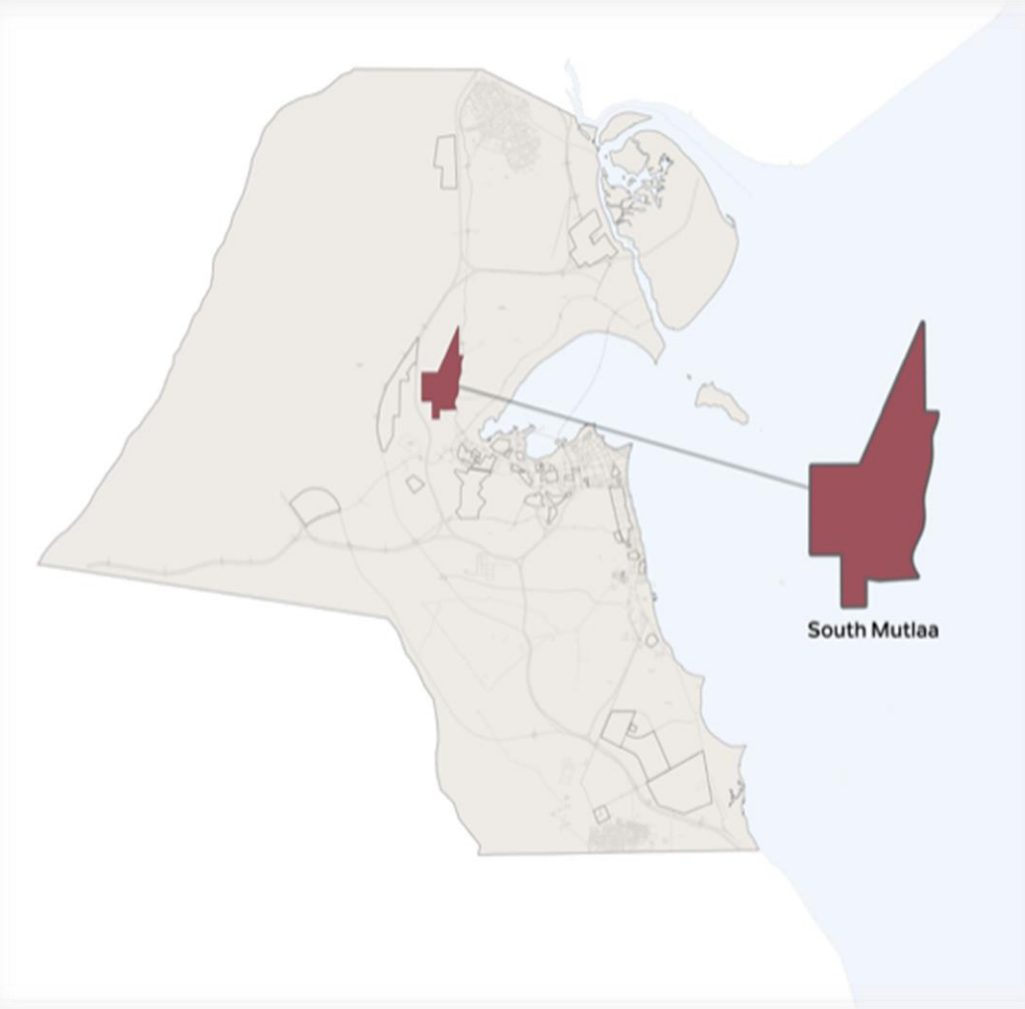
Client: Public Authority for Housing Welfare  
Contractor: Untied Building Company  
Environmental monitoring works and reporting for West Abdullah Al-Mubarak Residential Area



2018-Present

Client: Public Authority for Housing Welfare  
Contractor: Arab Contractors Company  
Environmental monitoring works and reporting for Tima'a Residential Area





## 2018-Present

Client: Public Authority for Housing Welfare

Contractor: POLATYOL Co.

Environmental Studies, monitoring works and reporting for new AlMutla'a residential city- Kuwait block N1 & N4.



## 2018 -Present

Client: Public Authority for Housing Welfare

Contractor: Cengiz Co.

Project: Environmental Studies, monitoring works and reporting for new Al-Mutla'a residential city- Kuwait blocks N2 & N3



## 2018-2021

Client: Public Authority for Housing Welfare

Contractor: Kolin Co.

Environmental monitoring works and Reporting for new AlMutla'a residential city-Kuwait - infrastructure works.





Road Construction Project RA/238 Mina Abdullah to Wafra

## 2017-Present

Client: Public Authority for Housing Welfare

Contractor: CGGC Company

Environmental studies, monitoring works and reporting for new AlMutla'a residential city- Kuwait including EIA for the use of explosives, concrete batching plant, and labour camp.



## April 2018-2021

Client: Public Authority for Roads &

Transportation (PART)

Contractor: AlGhanim International Company

Project: ESIA Study and environmental monitoring reports for AlGhanim international company for AlWafra highway, bridges & roads.



## 2013-2014

Client: KISR

Consultant: OBD

Project: Modification of KISR-MFD Marina at Ras Al-Salmiya





2010-2011

Client: AlShaheen Engineering Office.

Project: Carrying out preliminary Environmental Impact Assessment Study and Reporting for Kuwaiti Manager Co (KMC) for Abdullah Al Ahmad Street Project.



2010-2011

Client: Ministry of Public Work

Consultant: Kuwait Technical Consulting Bureau

Project: EIA study for Kuwait Subiya Abdalli road (RA 190)



2005-2006

Client: Kuwait Municipality

Consultant: Kuwait Engineering Office (KEO)/Hyder Consulting

Project: The development & design of fourth ring road, determination of environmental issues of concern and providing consultation.





# Buildings







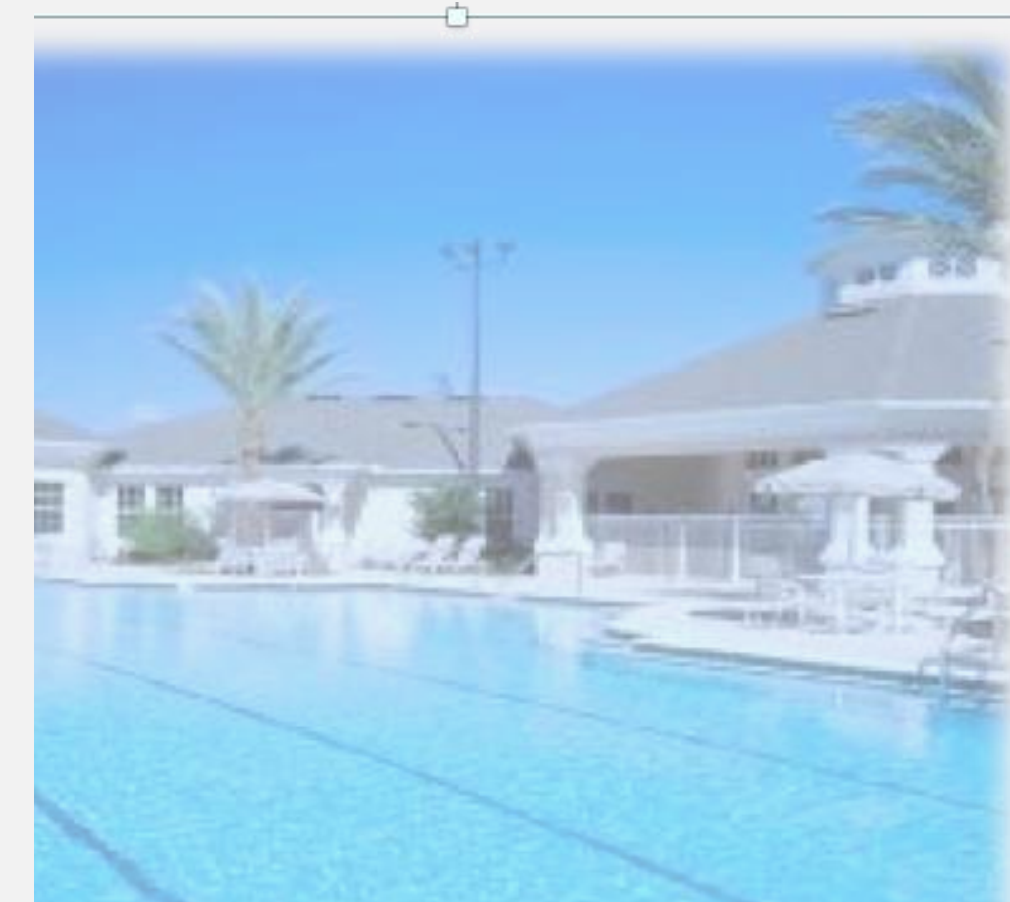
2019

Client: Ministry of Public Works (MPW)

Contractor: Fraih Al Fraih Engineering

Consultants

Project: Environmental and social impact  
assessment report for the  
study, design and monitoring of the Volunteer  
Work Centre building construction project



2018 –2019

Client: Directorate General of Civil Aviation

Contractor: SSH

Project: Environmental and social impact  
assessment for civil aviation building, the parking  
building and two fire stations



2018-2019

Client: Al Athla Company

Contractor: MAC Engineering

Project: Environmental and social impact  
assessment study for a resort in Mina Abdullah  
area.





الحرس الوطني الكويتي



2021

Client: National Guard of Kuwait

Contractor: OBD

Project: Environmental and social impact  
assessment report for renovation of martyrs hall  
in Al- Somood camp





2019

Client: KISR

Consultant: Dar Osama Bu Khamseen

Engineering Office.

Project: Environmental and Social Impact  
Assessment Study for Kuwait Fisheries Research  
Building at Salmiya Kuwait



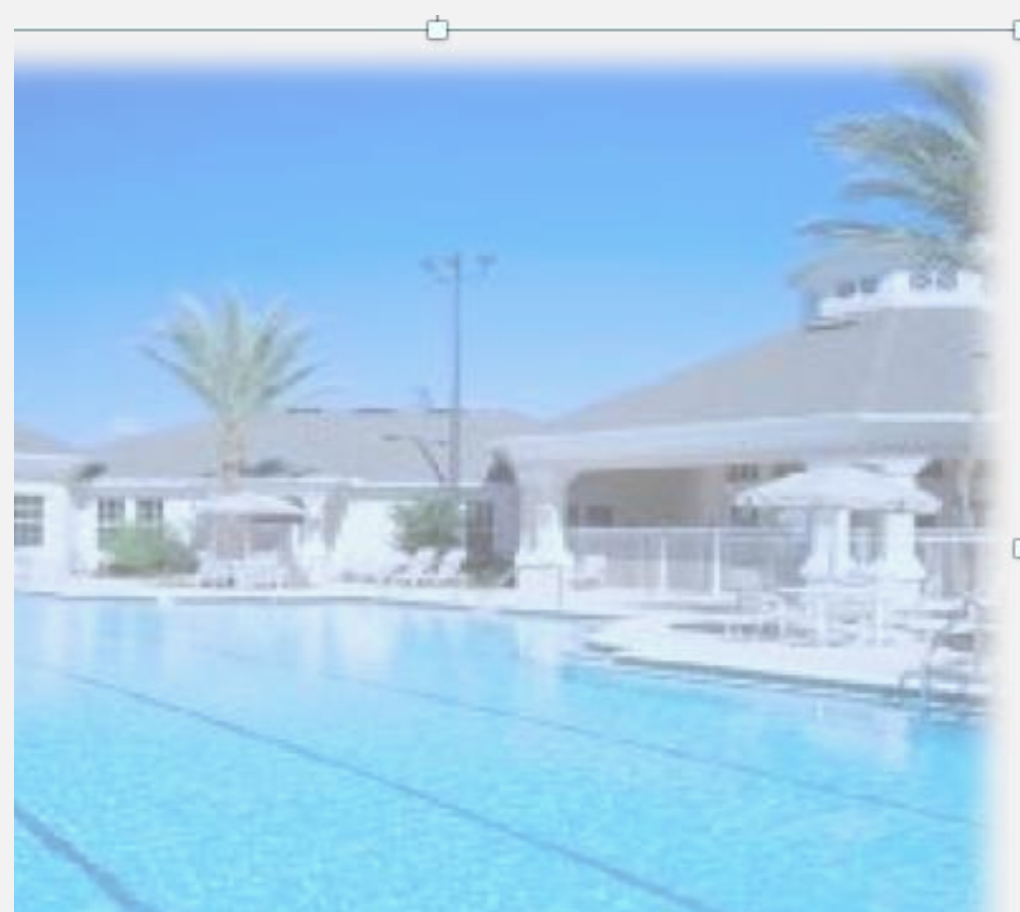
2018 -2019

Client: Directorate General of Civil Aviation

Contractor: SSH

Project: Environmental and social impact  
assessment for civil aviation building, the parking  
building and two fire stations





2019

Client: KISR

Consultant: Dar Osama Bu Khamseen

Engineering Office.

Project: Environmental and Social Impact  
Assessment Study for Kuwait Fisheries Research  
Building at Salmiya Kuwait



2018-2019

Client: Al Athla Company

Contractor: MAC Engineering

Project: Environmental and social impact  
assessment study for a resort in Mina Abdullah  
area.



2019

Client: Luzan For General Trading and  
Contracting

Project: Environmental and Social Impact  
Assessment Study for Mutla'a sand quarries



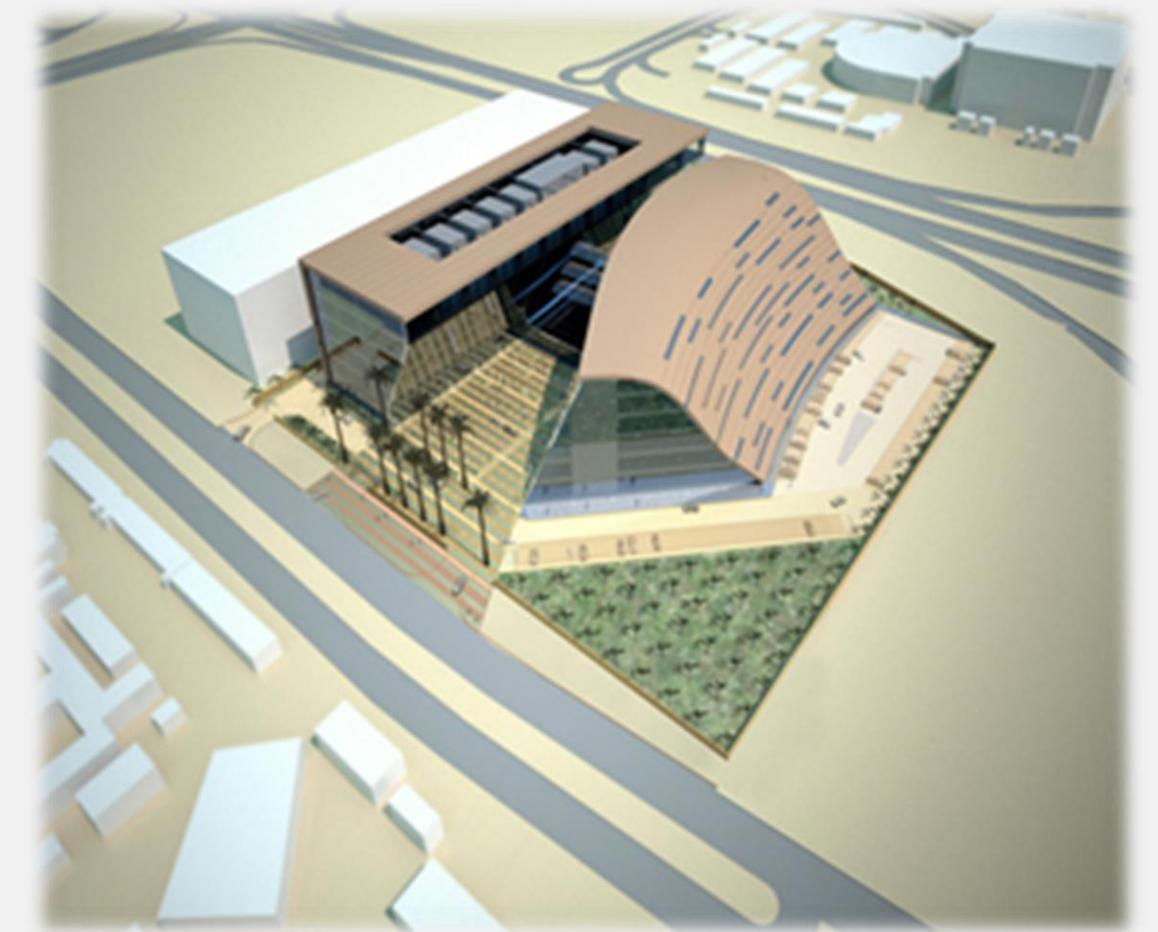


2006-2010

Client: Ministry of Interior

Consultant: Dar SSH International

Project: building incinerator unit for the General  
Department of Criminal Evidence building in  
South Surrah.



2012-2013

Client: Directorate General of Civil Aviation

Consultant: SSH International Consultants

Project: Carrying out environmental impact  
assessment study for the project administration  
building & fire stations at Kuwait airport tender  
no. 2009/2008-16: KIA package II.



2007-2008

Client: Ministry of Interior

Consultant: Kuwaiti Engineering Group (KEG)

Project: Incinerator unit for the Criminal  
Investigation Department building in South  
Surrah.

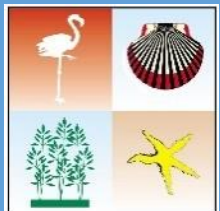




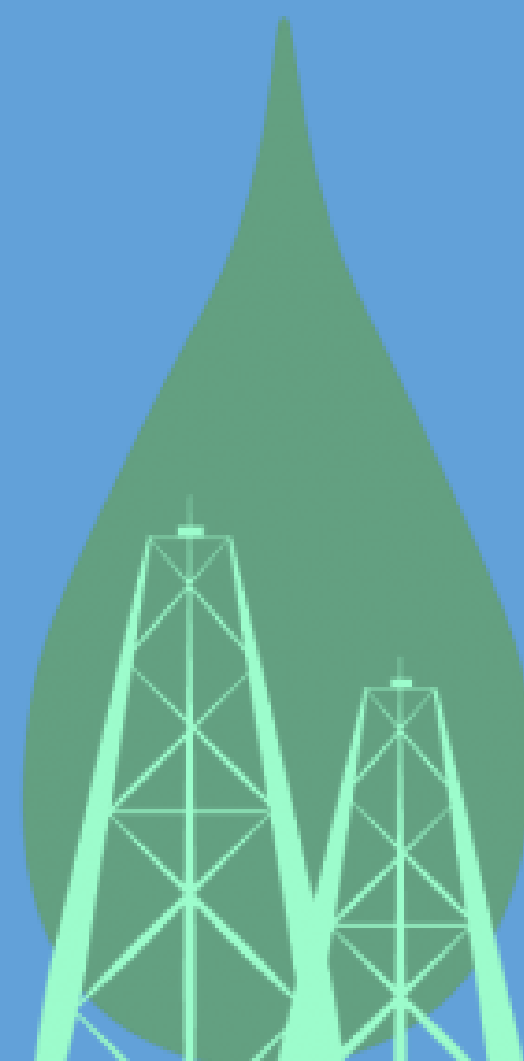
# Other Projects

- May 2013: Environmental Assessment Study for Ahmadi Slaughter House.
- December 2010: OBD Client National Guard Carrying Out Environmental Impact Assessment Study and Reporting for Kuwait Technical Consulting Bureau for National Guard-Central Kitchen Project
- February 2010: Environmental Assessment & reporting for Al-Rashid Clinic.
- February 2010: Environmental Assessment & reporting for Al-Ansari Pediatric Clinic –Kuwait.
- January 2008: Conducted an Environmental Study for the National Slaughter House Co in Jahra.
- December 2007-2008: Conducted an EIA Study for Client KLTT: Projacs Company for "A new Slaughter House for State of Kuwait".
- October 2006-2007: Conducted an EIA study for the "Forensic Evidence Building, Ministry of Interior Kuwait. Client: Kuwait Engineering Group.
- January 2006: Studying the environmental impacts for the "Construction of Slaughter Houses in Kabd & Abdili Area". Client: National Slaughter House Company.
- May 2005: Contributed in the preparation of the EIA study for the "Four Highway Rest Areas Project" for Jawharat Al-Fanar Real Estate Company.
- April 2005: Conducted an EIA study for the "Five Highway Rest Areas Project" for Al-Masaleh Real Estate Company.





# Energy and Water



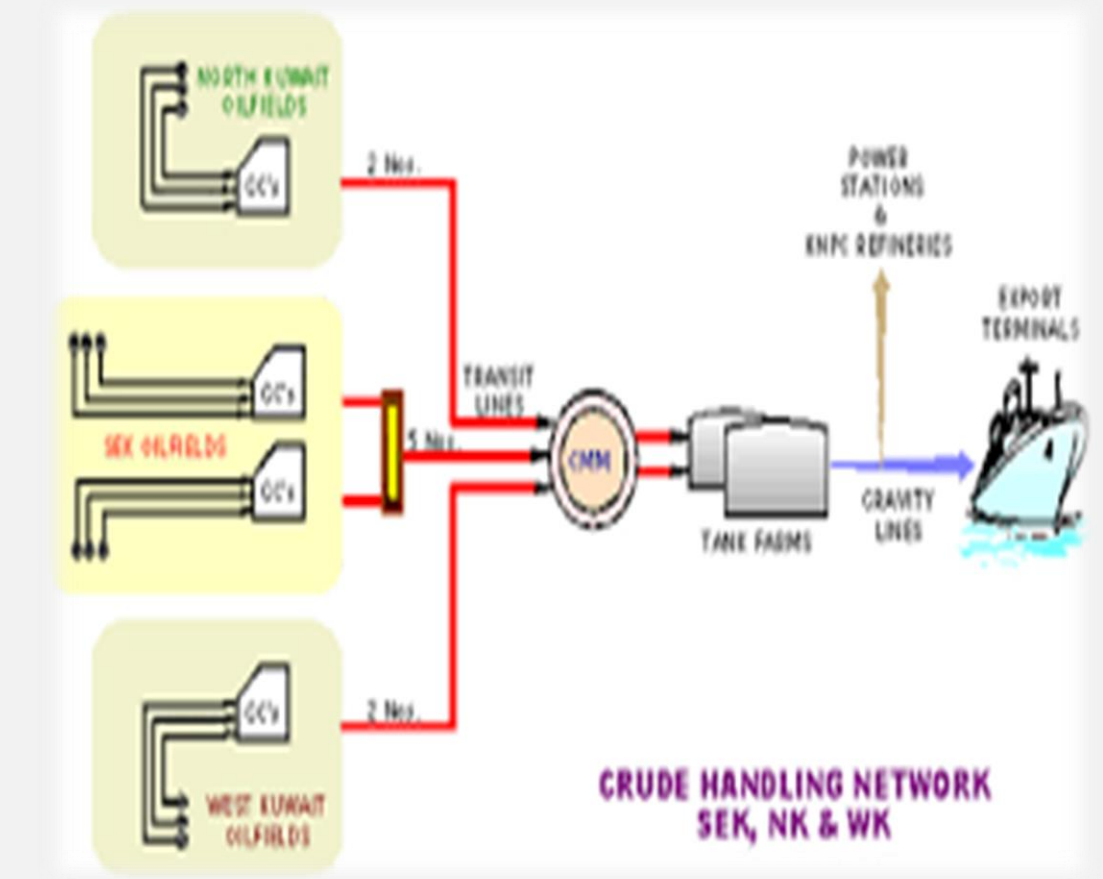




2010-2011

Client: KGOC

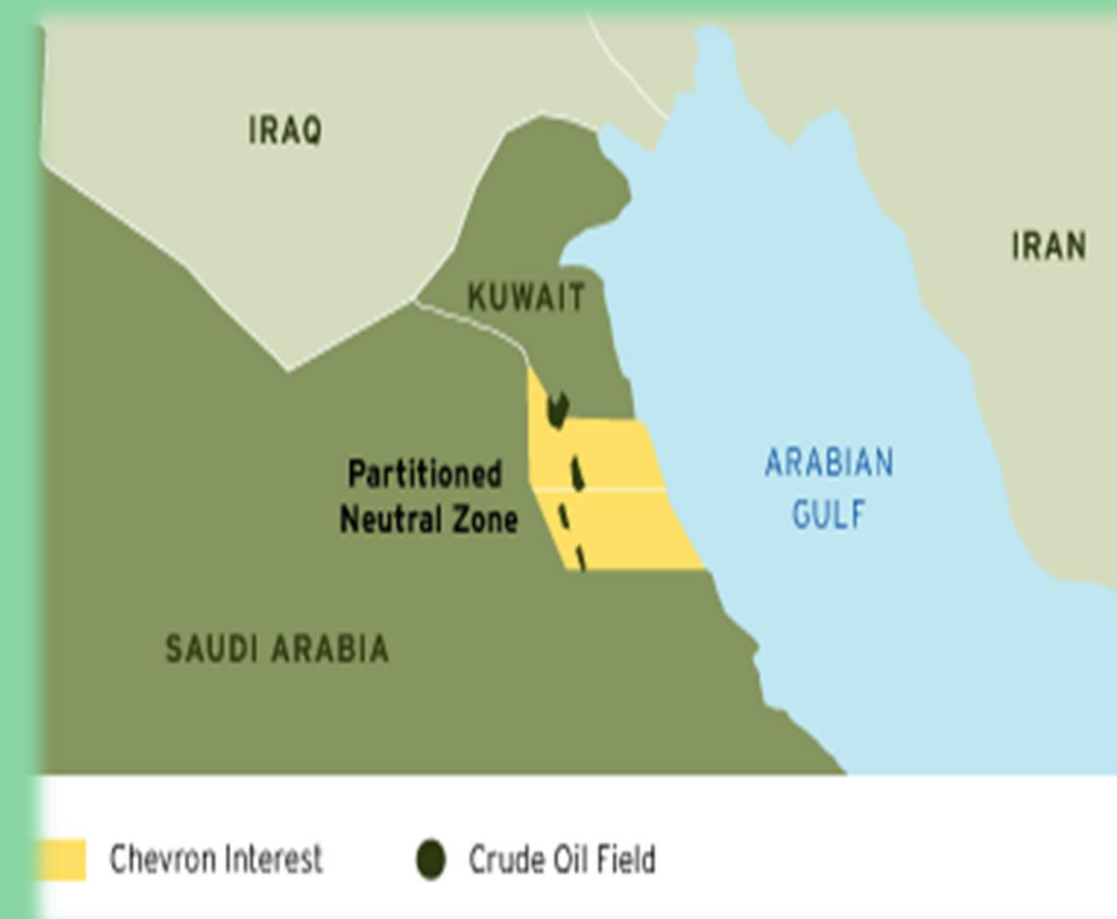
Consultant: Wafra Joint Operations (WJO),  
Kuwait Gulf Oil Company (KGOC), & Saudi  
Arabian Chevron (SAC), Consultants: RSK U.K  
Project: Environmental baseline study for the  
ESIA for the 3D seismic acquisition survey in the  
partitioned zone Kuwait and KSA.



2015-2016

Client: KPC

Project: Supervision and consultation for organic  
waste recycling in Kuwait petroleum corporation  
using vermicomposting.



2004-2005

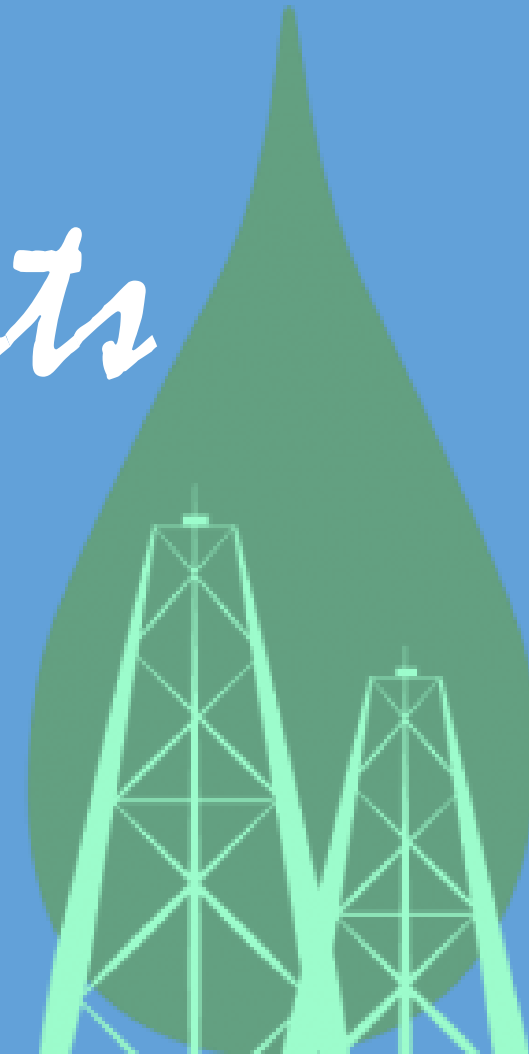
Client: KOC

Contractor: House of Trade (HOT)  
Project: The installation of pumping facilities at  
11 gathering centres -south oil field of Kuwait





# Projects In partnership with ECD Environmental Consultants







2010-2011

Client: Petrofac International Ltd.

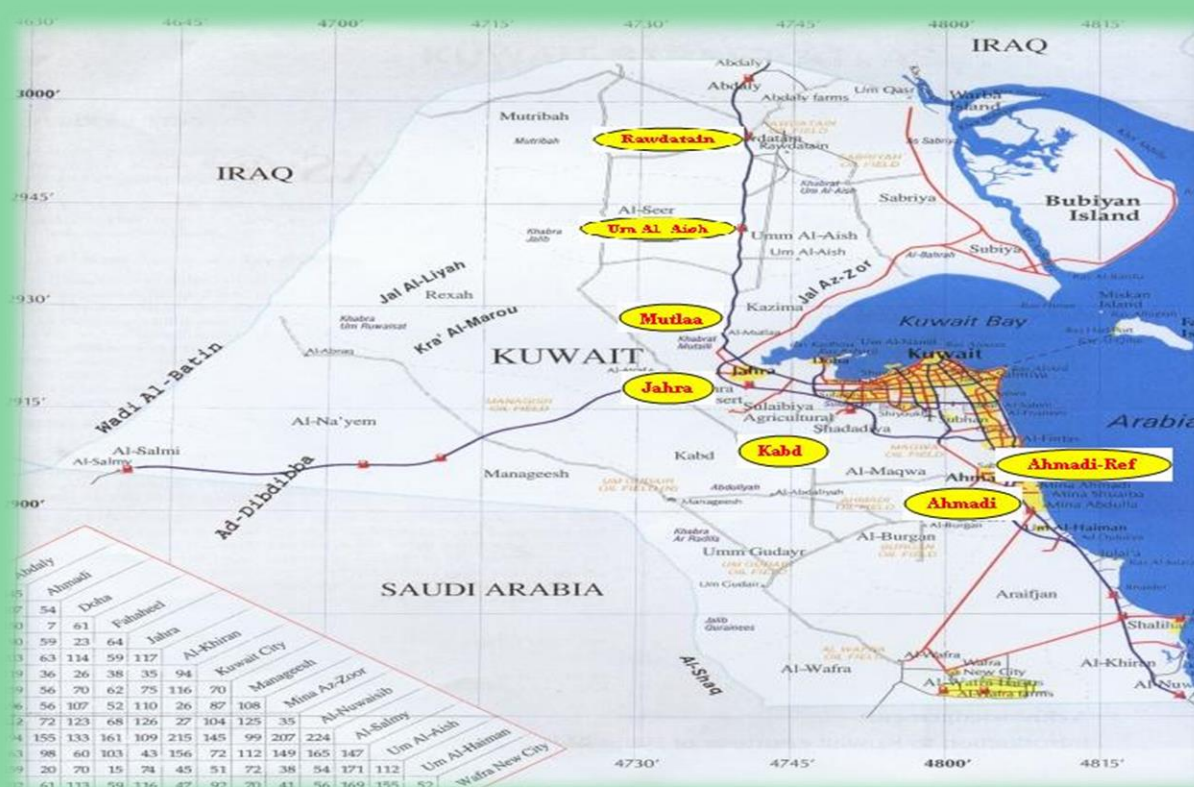
Project: Environmental Impact Assessment Study  
for the 40 Inch Pipeline from BS-131 to LPG  
Plant at MAA



2010-2011

Client: Kuwait Oil Tanker (KOTC)

Study: Environmental impact assessment study  
for the new LPG Filling Plant in Um Al-Aish Area

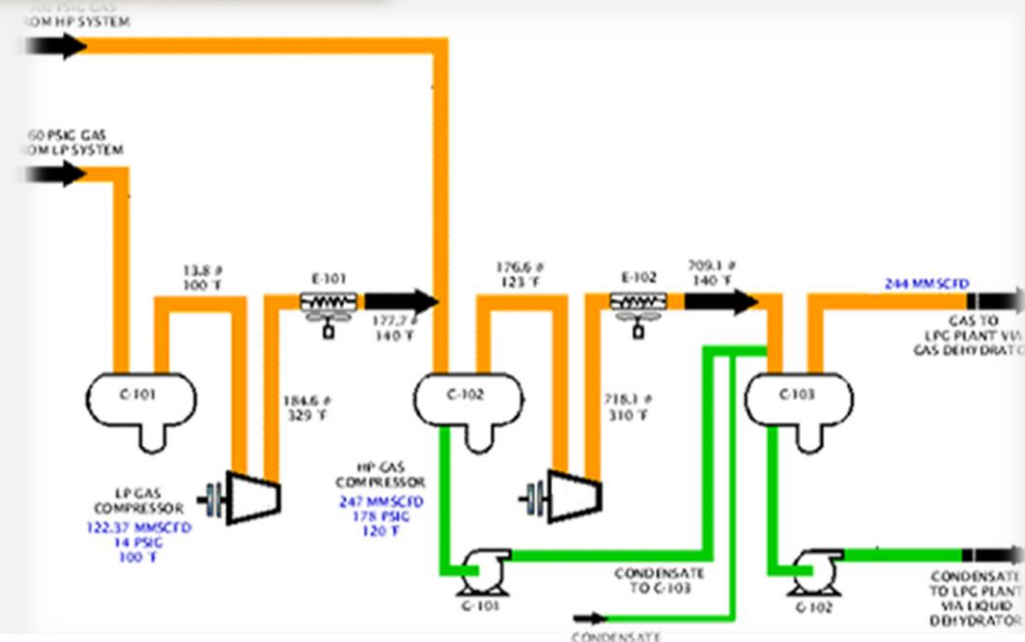


2009-2010

Client: Petrofac International Ltd. (Group A  
Project) & SK Engineering & Construction (Group  
B Project)

Project: Studying the environmental impacts for  
the "Upgrade and Relocation of Under Ground  
Process Piping for Crude Oil Gathering Centres  
& Booster Station.





## 2009-2010

Client: Client: Flour Kuwait Company

Project: Environmental Impact Assessment Study for Fluor Kuwait Company for the project "New Booster Station BS-171 West Kuwait".



## 2006-2007

Client: Hyundai Heavy Industries Co. LTD

Study: Environmental impact assessment study (EIA) for the Crude Export Facilities at North Tank Farm, South Tank Farm and Mina Al-Ahmadi project.

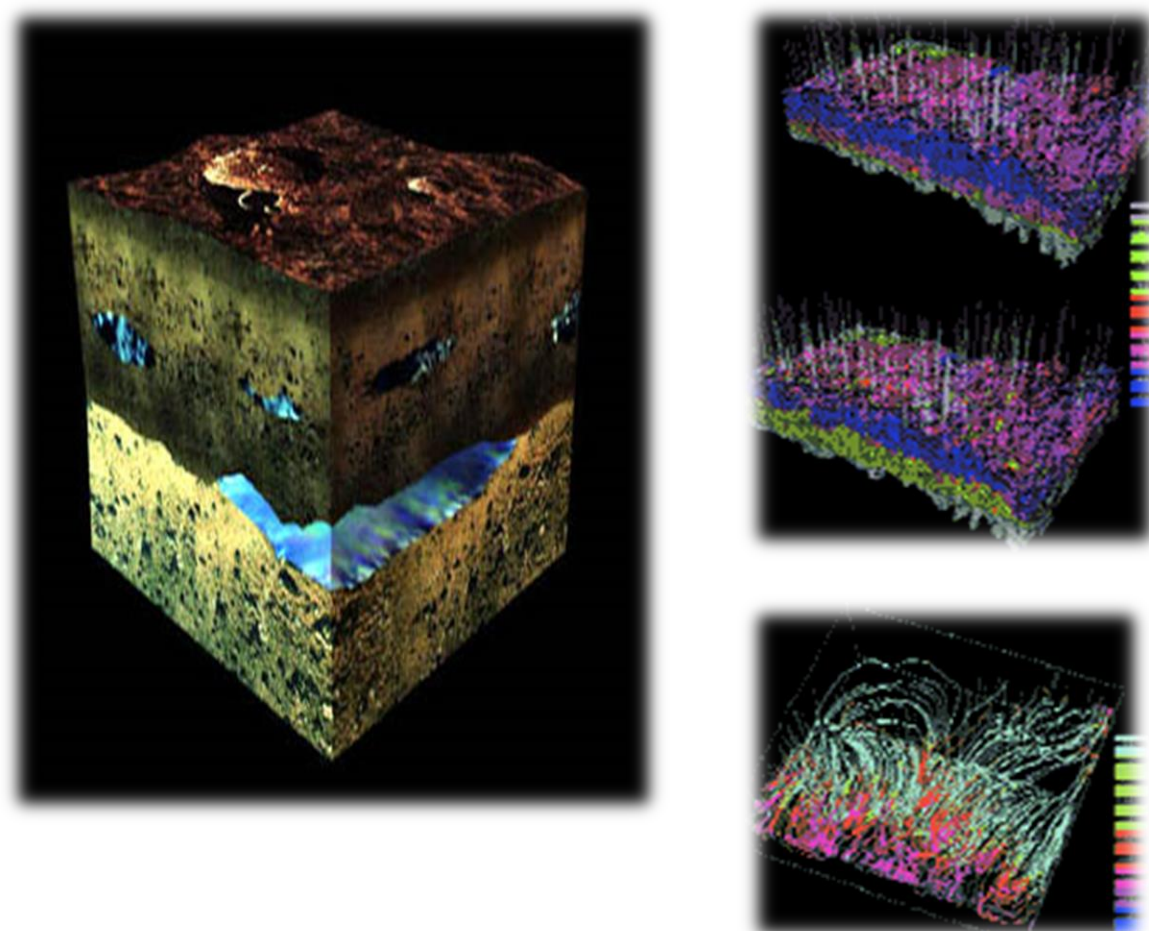
## 2006-2007

Client: Larsen & Toubro Ltd. - Kuwait Aviation & Fueling Co.

Study: Environmental impact assessment study (EIA) New KAFCO Aviation Fuel Depot (FD) Project







2005-2006

Client: Kuwait Oil Tanker (KOTC)

Study: Environmental impact assessment study (EIA) for mounded storage for LPG filling plant.

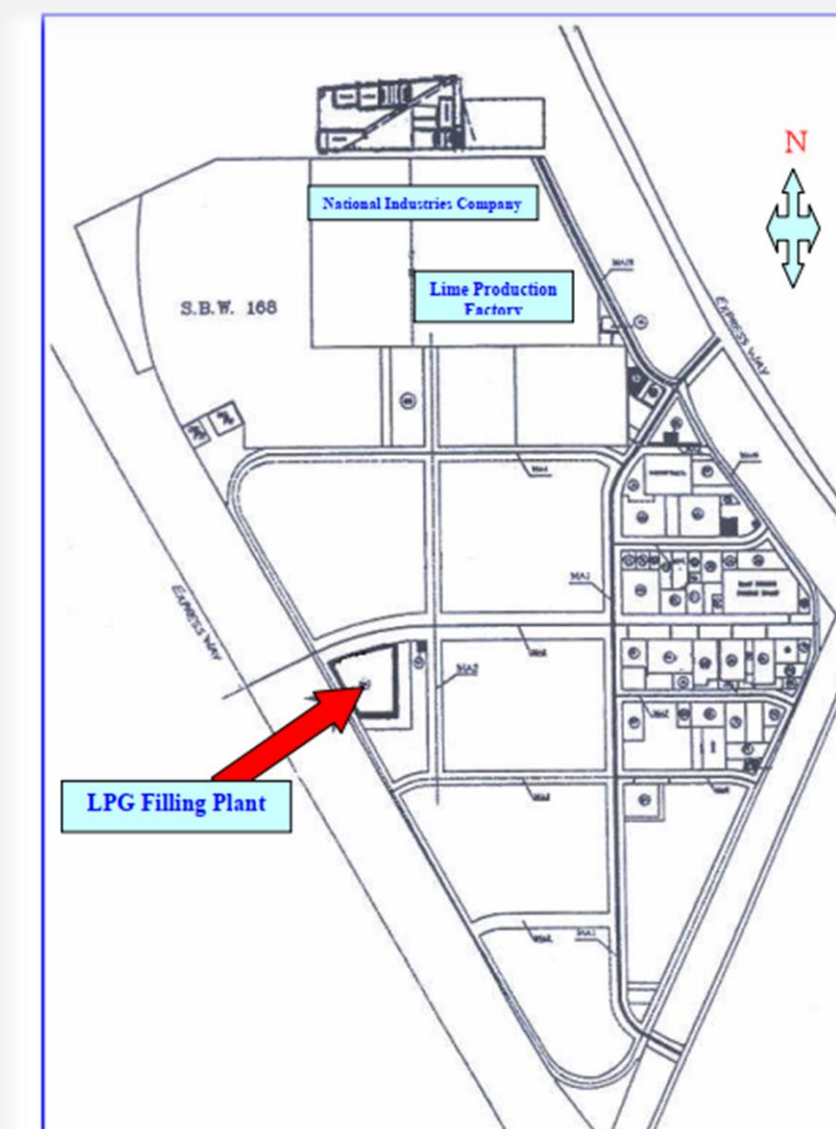


Fig. 1 The LPG Filling plant project area location within Shuaiba Industrial Area (SIA) western sector.

2006-2007

Client: Al-Khorayef Commercial Company-  
Kuwait

Project: Environmental Impact Assessment (EIA)  
for Al-Marrat pilot plant: Water injection pilot  
plant in Magwa Area- East Kuwait



2005-2006

Client: Kuwait Oil Tanker (KOTC)

Study: Environmental Gap Analysis Study (EGA)  
& Environmental Management Plan (EMP) &  
Environmental Impact Assessment Study (EIA)  
for LPG Filling Plant.





2005-2006

Client: TEKFEN Installation and Construction  
Company / KOC

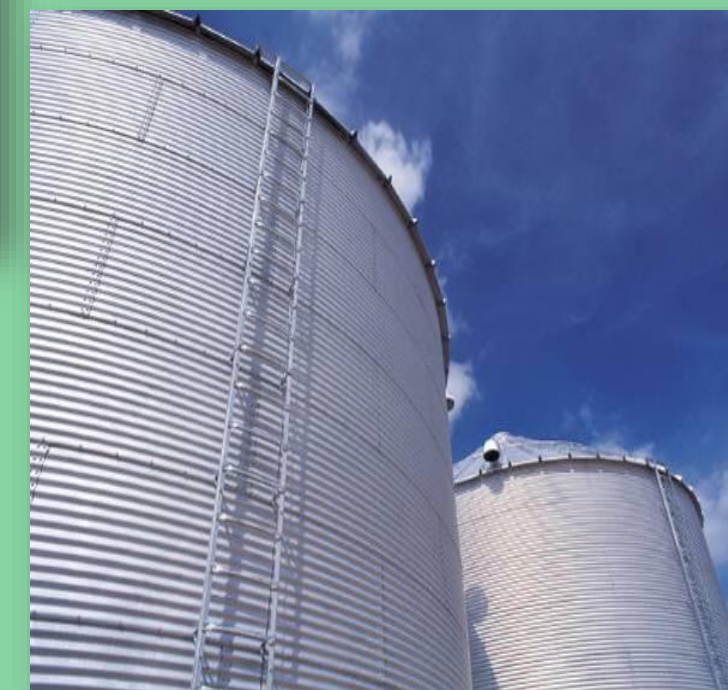
Project: Studying the Environmental impacts for  
the "Construction of Eight Tanks at the South  
Tank Farm, Kuwait Oil Company (KOC).



2005-2006

Client: SNC-LAVALIN / KOC

Project: Environmental Impact Assessment Study  
for KOC GC-27: New Desalter and Light Crude  
Train Modifications & Capacity Expansion for  
Increased Effluent Water Separation & Transfer  
and Minagaish Water Injection Plant Upgrade

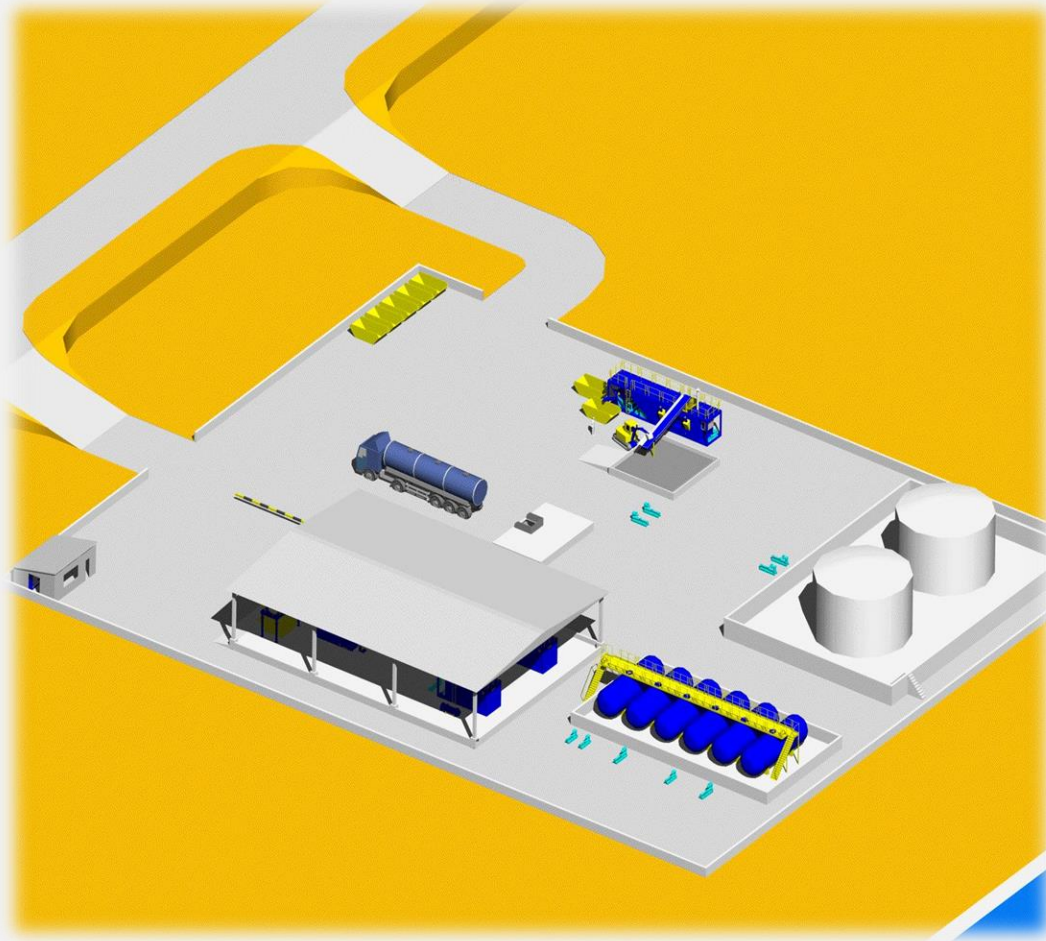


2005-2006

Client: HYUNDAI Engineering & Construction  
Co. Ltd.

Project: Studying the Environmental impacts of  
the "Ethane Recovery Unit.  
Mina Al-Ahmadi Refinery -Kuwait





2004-2005

Client: HEISCO

Project: Environmental Impact Assessment Study  
(EIA) for the Supply, Installation, Operation &  
Maintenance of Sludge Handling and Treatment  
Facility for the KNPC Refineries: The  
Environmentally Friendly Project”





# Waste Management







2018-2019

2006-2007 Administration Building

Client: Ministry of Interior

Consultant: Dar SSH International

Project: building incinerator unit for the General  
Department of Criminal Evidence building in  
South Surrah.



2019

Client: Ministry of Interior

Consultant: Osama Bukhamseen Design (OBD)

Project: Environmental and social impact  
assessment report for wastewater treatment for  
the General Administration of Investigation  
Building



2017-2018

Client: Ministry of Electricity & Water

Consultant: Arab Consultants Engineering Group

Project: Environmental and social impact  
assessment study for the study, design and  
prepare tender documents for construction and  
supervise the development and expansion of the  
existing Doha Water Distribution Complex and  
main pipelines





2014-2015

Client: KISR

Consultant: OBD/ ECMA, EGYPT

Project: Sea water intake at project KISR

Sea intake in Shuwaikh

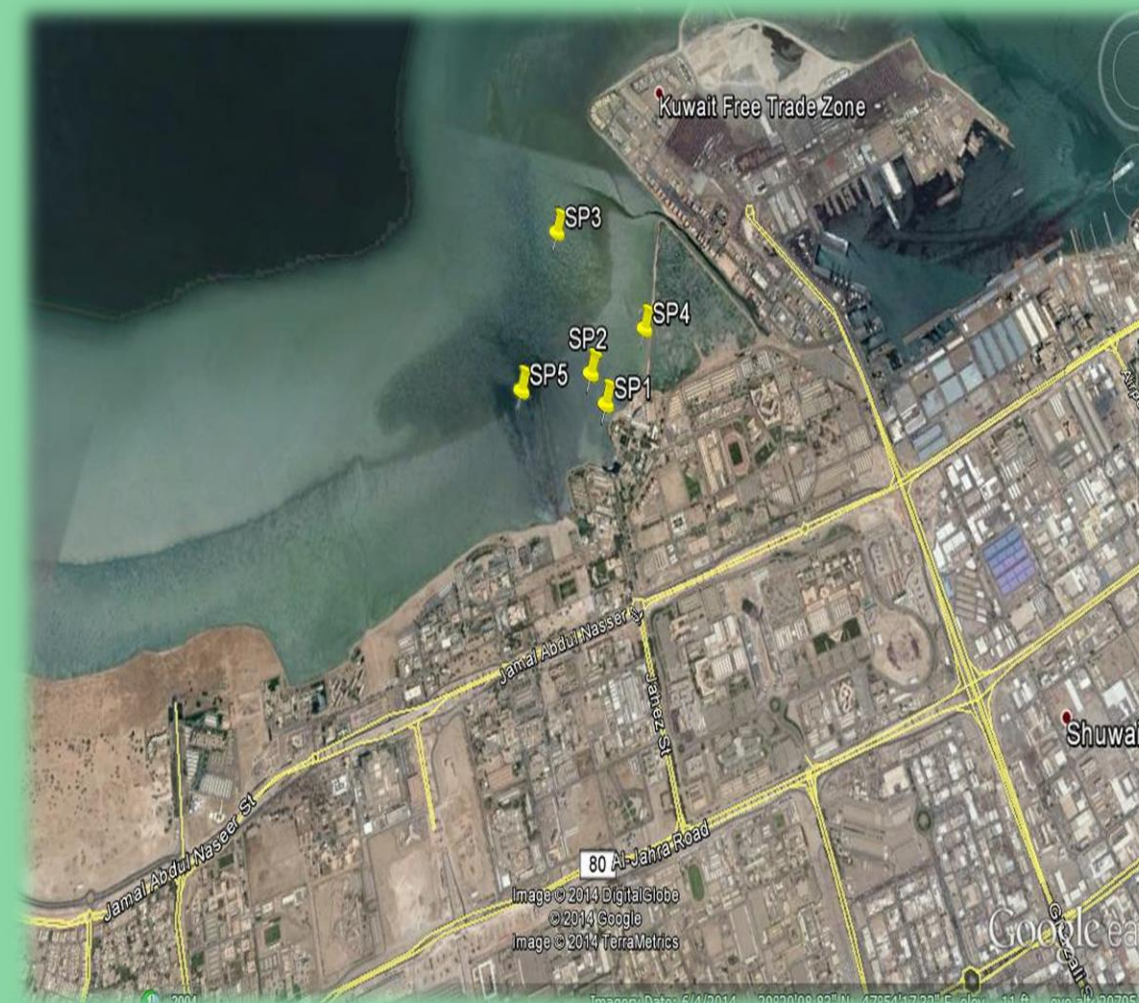


2017- 2018

Client: Ministry of Public Works

Consultant: Dar Al-Handasa Engineering (Shaer  
& Associates)

Project: Environmental and social impact  
assessment study for Um Alhayman wastewater  
treatment project. (Phase II)



2008-2010

Client: Ministry of Public Works (MPW)

Consultant: Dar Al-Handasa Engineering (Shaer  
& Associates)

Project: Environmental and social impact  
assessment study for Um Alhayman WWTP two  
expansions (phase I)





2007-2008

Client: Ministry of Public Works (MPW)

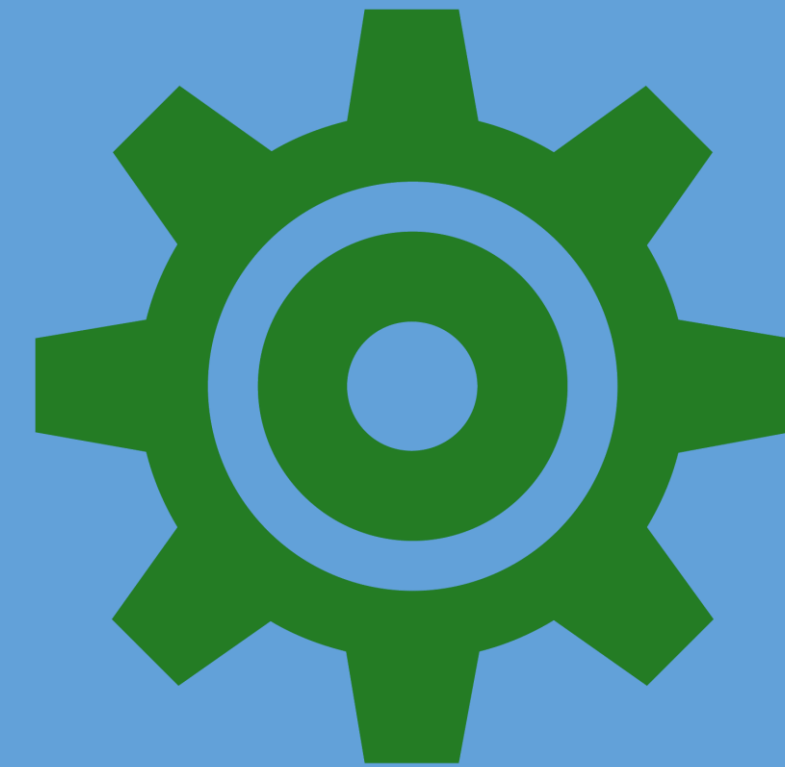
Contractor: Mushrif Trading Co.

Project: Supply, design and construction,  
operation and maintenance of Kabd wastewater  
treatment plant and Jahra & Ardiya pumping  
station, and pressure mains.





# Industrial Projects







2016-2017

Client: Public Authority for Industries.

Project: ISO 14001 for Four Industrial  
Companies



2017-2018

Client: Al-Sakhaa grease and lubricating  
production company

Project: Environmental and social impact  
assessment report for Al-Sakhaa grease and  
lubricating production company



2014-2016

Client: Kuwait Danish Dairy Company

Project: Environmental report, gap analysis and  
environmental measurement including stack  
emission





# Other Projects

- 2010 & 2014: Assessment and Reporting for Nassar Muhammed Al-Baddah Trading Co. (NBTC) for their Fabrication & Galvanizing plant project at Shuaiba industrial area.
- April 2016: EIA study for national leather company, Kuwait.
- November 2012 : carrying out environmental assessment studies for Al-alhia plastic factories (2 blocks ) for Al-babtain company.
- February 2012: carrying out environmental impact assessment study for Gulf Leather Industries Company.
- June 2010: environmental assessment study and reporting for KPAC Plastics Co.
- June 2010: environmental impact assessment study for Recafco concrete precast production factory at Mina Abdullah area.
- April 2010: conducting environmental impact assessment study for Kuwait Valve Company for their factory in Shuaiba industrial area.
- March 2010: environmental impact assessment study for Al-rashed (Seven Oceans Detergent Co.).
- March 2010: conducting environmental impact assessment study for Khalejia food packing company for their factory at Sabhan area.
- March 2010: carrying out environmental impact assessment study for a factory concerning leather treatment and tanning for the national leather company in Shuaiba industrial area.





# Other Projects

- February 2010: environmental assessment & reporting for Dar al-Ahdiya aluminium workshop building Al-rai Kuwait.
- February 2010: environmental assessment & reporting for Abdulkarim Alyehya carpentry – Amghara area.
- February 2010: environmental assessment & reporting for Al-khashawi company-gypsum factory – Amghara Kuwait.
- February 2010: environmental assessment & reporting for two locations of Al-turath Engineering Office (furniture & construction materials& tools showroom.
- February 2010: environmental assessment & reporting for Gulf Glass Company -Kuwait.
- February 2010: environmental assessment & reporting for Alsief company (precast foundation factory).
- February 2010: environmental assessment & reporting for Royal Cake Factory -Kuwait.
- September 2005: contracted to conduct an environmental impact assessment study for the "new production line for Kuwait livestock transportation and trading company (the work included establishing a waste management plan.)





# Consultation Services & Training







## **SHEMS** International Training Courses:

- February 2018 Providing 5 days Training course for the Ministry of Public Works on “Green Buildings”
- February 2018 Providing 5 days Training course for the Environment Public Authority on “Oil Pollution”
- February 2018 Providing 5 days Training course for the Environment Public Authority on “Waste Management ”
- February 2018 Providing 5 days Training course for the Environment Public Authority on “Environmental Awareness”
- January 2018 Providing 5 days Training course for the KPC on “Corporate Social Responsibility (CSR)”
- January 2018 Providing 1 day Training course for the Public Authority for Housing on “HSE at Construction Sites.”
- January 2018 Providing Training course for the Public Authority for Housing on “Environmental Impact Assessment Studies”
- February 2009: Consultation services for the World Bank on "Kuwait Waste Sector Potential Assessment".
- 2008-2009: participated in the Training Course organized by ECO Environmental Consultants the KOC ISO 14001:2004 for Marine Operations and Marine Services Teams.
- 2008: Main lecturer in the Training Course on ISO 14001 Conference and EMS Certified Internal Auditor Course for the Arab League Countries (100 Participant attended), held in Holiday Inn-Down Town Hotel, Kuwait, from 4-10/4/2008.
- January 2004: Presented Training course for the Arab Planning Institute on “Sustainable Development, International Environmental Treaties & Environmental Management Systems.”
- December 2003: Presented a training course for Kuwait Environment Public Authority on: “Environmental Inspection”.
- Training January 2014: Fire and Safety & First Aid Training for BANK MUSCAT Employees.
- January 2001: Associated ECO Environmental Consultants to plan and organize and a training course for 880 employees of Kuwait Oil Company (KOC) on Health Safety and Environment Management Systems.





# *SHEMS Equipment*

- Air Quality Mobile Lab
- Electro Magnetic Field Instruments
- Radiation Meters
- Noise Meters
- Hand held air quality monitoring instruments
- HVAC & Light measurement instruments.
- Water quality measurements' instruments.
- Soil quality measurements' instruments.
- PPES







**SHEMS** International Environmental Consultants

# Our New Office







**SHEMS** International Environmental Consultants

# Get in Touch With Us



**Office Location:** Kuwait Free Trade Zone-Shuwaikh-Waves Business Centre- Building 9-Office A

**Tel & Fax:** 24610722

**Postal Address:** PO.BOX 20, Mishref, PC- 40151, State of Kuwait

**Website:** [www.shems.com.kw](http://www.shems.com.kw)

**E-Mail:** [info@shems.com.kw](mailto:info@shems.com.kw)

