



SHI Global Investment

SHL Global Investment is a leading investor operating in the global growth markets across Asia, Africa, Latin America and the middle East. Since inception, over 22 years ago, SHL completed the acquisition of industry recognized brands including **Septech**, **New Water Corporation** (**NWC**) and a number of specialized engineering, manufacturing and technological companies across the GCC, thus creating the deepest benchmark of engineering experience across competitive global growth markets.

- Employing over 400 people and counting, the group has offices across 10 different countries and 7 manufacturing facilities spread across 3 regional hubs in Australia, Spain and the united Arab Emirates.
- Local presence across these markets provides the group with unmatched expertise, know-how proprietary transactional access and the ability to grow partner business across borders.
- SHL Global Investment's industry leading shareholders and management teams currently manage sector and in-country value (ICV) specific investment across.
- Manufacturing
- Water Infrastructure
- Engineering
- Oil and Gas

SHL Global Investments has set the standard for infrastructure through its investment into a regionally built infrastructure wastewater business which started in 1997 and has:

- Over 22 years of proven track records for delivering projects on time and within budget
- Market leader in innovative water solutions
- · A wealth of capabilities to take on projects of almost any caliber
- End to end bespoke turnkey solutions to meet individual project needs from design, implementation through to management
- · Outstanding team drawn from a global pool of talent
- Highest environmental stakeholder engagement and corporate governance standards
- Industry compliant, leading, industry recognized certifications and registrations
- The group has supported best in class organizations focused on entrepreneurship, community engagement & impact on economic landscape.

Expanding on this investment, SHL Global Investments further invested in **New Water corporation (NWC)** and its world class recognized team to cement its position as one of the most advanced integrated water and wastewater engineering companies globally. New Water Corporation currently holds some of the most advanced intellectual property available in the market. Through this investment, the formation of New Water Corporation was integrated into the portfolio of SHL and a globally recognized team has emerged today, capable of handling a wider range of the world's challenges in the water industry globally.



Septech

Septech incorporated in 1997 has emerged as one of the leading water and marine infrastructure companies in the Middle East. With offices in 7 countries and 2 purpose-built manufacturing centers, **Septech** has provided a comprehensive suite of infrastructure solutions to Governments, Developers and industrial clients. **Septech's** business interest include:

- Marine Construction
- Marina Infrastructure
- Desalination
- Precast Infrastructure
- Wastewater treatment
- Utilities Management

The group since inception has executed some of the region's most prestigious projects including the Australia, the palm Jumeirah, Yas Island F1, Marasi Marina Business Bay, Marsa Al Seef Marina, Jumeirah Beach hotel and numerous projects across the GCC.

Septech has remained highly focused on innovation and partnerships since its inception representing leading brands in the Water Treatment and Marine industry along with its shareholder **Shuaa Capital (SHUAA:DFM)**, the region's leading financial services investment bank. The successful partnership with **Shuaa** has allowed **Septech** to vigorously explore global opportunities in the water and wastewater industries and make strategic investments in countries that offer future growth potential.

Our highly experienced and professional team has been focused on providing each client with a dedicated solution that has been drawn from a global talent pool an recognised shareholder base.

The group's successful track record to date has been attributed to:

- Successful delivery of projects across the GCC region
- · Global support from strategic partnerships and acquisitions
- Septech is an ISO 9001:2015, 14001 and 18000 certified company

The future success of **Septech** is driven by the committed and combined vision of its founders, allowing the group to future strengthen its position as the market leader.



New Water Corporation

NWC Which has been operating in the APAC, Europe and the Middle East since 1997 has a proven record for executing projects within these regions and is primarily focused on executing a range of end to end solutions through new and existing clients, and is focused on the design, engineering, procurement, manufacturing, installation, commissioning, operation and system integration of products and services in a number of highly specialized industrial sectors. These include Mining and Resources, Power Generation and the Oil and Gas sectors. The group currently operates in Asia, Australia, Europe and Middle East providing turn-key solutions in the following industries using proprietary water and wastewater technology:

Oil and Gas

Desalination

Mining and Resources

Municipal and Power Industries

Having Primary focus on addressing the world's water shortages and related infrastructure requirements in developed and emerging markets; NWC is poised to provide a number of specialized solutions to both primary and secondary markets. NWC draws upon the global pol resources operating in Asia, Australia, Europe and the Middle East to offer solutions in the following sectors:

Water/Wastewater

Precast

Specialised Infrastructure pipes

Mobile Water

Marine

With over a decade of successful operations and project execution, **NWC** partnered with Middle East region's largest and most prominent Investment Bank; **Shuaa Capital**. Attracted by **NWC's** rapid growth and value creation across all business units; **Shuaa Capital** decide to take a strategic investment in NWC in 2008. The successful partnership has allowed NWC to vigorously explore global opportunities in the water and wastewater markets and make strategic investments in countries that offer future growth potential. NWC's global footprint demonstrates the ability to provide solutions in almost every industry sector whilst also ensuring that the countries suffering the highest water scarcity and water stress concerns are able to call upon the resources of the group for almost any application. The group's successful track record to that has been attributed to:

- Ability to provide highly advanced technological solutions to manage water and wastewater; catering to a range of industries.
- The company has established its presence as a market leader in a market that requires specialised capabilities with a proven track record.
- Support of leading infrastructure and financial specialist providing directional support.
- The quality of our outstanding people who have been drawn from a global pool talent & the vision of its founders.
- New Water Corporation strives to excel and maintain its position as a leading water and related infrastructure company through a highly focused approach.

New Water Corporation introduces an entire management solution coupled with an intelligent operating platform to ensure clients are able to actively review and monitor plants located across their project. MWC was established to introduce the specialised engineering capabilities needed within Mining and Resources, Petroleum and Oil & Gas sectors of the Australian marketplace. The future success of New Water Corporation is driven by committed and combined vision of its founders, allowing the group to future cement its position as the market leader in innovative water solutions.



Board of Directors

David Heffernan, Group Chief Executive Officer, Septech

David Heffernan is the Co-founder and Group Chief Executive Officer of Septech Holdings Limited. David completed his studies in Melbourne, Australia, securing qualification with the highest level of accreditation in both building studies and business management. In addition, he is an Alumni graduate at the prestigious London Business School. With over 3 decades of global business and operational experience across diverse arrays of industries: including, but not limited to water, wastewater, infrastructure manufacturing, engineering and construction and property development. Septech Group is widely recognised as a pioneer of water and water related infrastructure with over 10 offices, including 3 regional hubs in Australia, Indonesia, Mexico, Spain, Saudi Arabia and United Arab Emirates. Mr. Heffernan has contributed his experience of investing and developing commercial, residential and prestigious Marina waterfront development properties and led the group's investment strategy, resulting in some of the most notable developments across the Middle East and Australia over the last two decades.



David holds Director positions for all the Groups' operating subsidiaries and investment companies in Australia, Europe, Indonesia, across the Middle East and Mexico, as well as the position of chairman for Heffernan Investments Inc. In 2008, David was awarded 'Australian Businessman of the Year' from the Australian Business Council and led the company to its 'Engineering Company of the Year' award in 2010 and more recently the company has also won the GCC Oil and Gas project of the year in 2015. As a dedicated member of the Young Presidents Organization for over 18 years in both UAE and Australia, David actively contributes to the development of international business practices, standards and emerging talent through the YPO Mentoring programme.

Sharon Bartlett, Group Chief Operating Officer, Septech

Sharon Bartlett holds dual degrees in Marketing and Psychology earned with Honors at Chisholm Institute of technology. In1997, she co-founded and launched Septech. For the past 22 years, Bartlett has been responsible for the diversification of the company's portfolio which today, caters to four submarkets: water, wastewater, marina and precast infrastructure. Bartlett has steered the company towards partnering with the leaders of international business. Committed to the growth of the economy and industry of the Middle East, Bartlett is an active member of the Young Presidents Organization Emirates Chapter.



Ashruf Kamel, General Manager - MENA, New Water Corporation

Ashruf Kamel holds a double degree with honors in both economics and management in Australia. He is internationally experienced in the generation, setup and establishment of utilities infrastructure companies. Ashruf moved to the Middle East nine years ago to launch a multinational manufacturing company which in June 2006 was bought out by Septech. Acquired as part of the sale, Ashruf moved into the company and today serves as General Manager for NWC MENA. Ashruf is responsible for Septech's strategic growth throughout the MENASA region including regional management, corporate governance and transparency.



Fawad Tariq Khan, Board Director & General Manager, SHUAA Capital

Fawad joined SHUAA Capital as its General Manager in May 2017 and has served on the Board of Directors since March 2017. His primary mandate is to spearhead the Group's transformation and growth initiatives, ensure a sustained and profitable path as part of the company's evolution. Fawad joined from Abu Dhabi Financial Group, the controlling shareholder of SHUAA Capital, where he led the investments team focusing on devising and implementing alternative investment strategies globally. Fawad Khan sits as Director on the Boards of key SHUAA Capital subsidiaries and also serves on the Board of Directors of North acre, a leading developer of high- end luxury residential schemes in London. Fawad started his career with Deloitte based out of London before joining the Dubai office where he helped set up its Middle East debt advisory practice. He holds an MSC in Business Studies from University College Dublin and a BSC in Computer Science from University College Cork.





Management Team



Group Chief Executive Group Chief Operating Officer



Sharon Bartlett Officer



General Manager



Group Operations Manager



Rvan Fielding Commercial Manager Construction Manager



Mark Tromp



Mahmoud Al Khouli Project Manager



Finance Manager

The team is comprised of both an investment and management team which manage the companies' regional offices and day-to-day management operations. With a combined talent pool of over 100 years of experience, Septech introduces to its clients the unmatched experience profile in engineering, project and management contracting, quality and control, health and safety and operations.

Septech's effectiveness depends as much on our local roots as our technological knowledge and expertise. Our company is organized to keep us close to our public authority and industrial clients. To that end, we set up permanent operations in our service territories and adapt to local requirements, converting them into opportunities for innovation and development. Septech has developed the necessary tools to assess its sustainable development performance both at each individual site as well as for the company as a whole. An assessment is made of the social and environmental results. This enables corporate social responsibility agencies to assess the work that has been carried out.

In the area of sustainable development, **Septech** strives towards the goals that it has either set itself or which have been decided contractually with its clients to best meet their demands. Steps have been taken to make improvements at all of **Septech's** operating sites in order to achieve this. Results are measured and audited by independent experts and are used to continuously improve operational activities. Sustainable water management requires the participation and commitment of all stakeholders, especially citizens. Hence our involvement, as a local operator, in the life of municipalities, by listening to their concerns and fostering clear, transparent dialogue with all stakeholders. In the areas we serve, this allows us to provide the information and advice necessary for everyone to make choices in support of sustainable water management.



Quality Management

















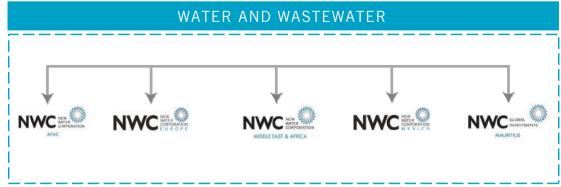


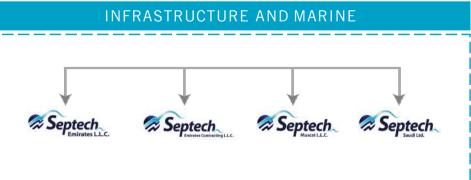




Group Corporate Structure

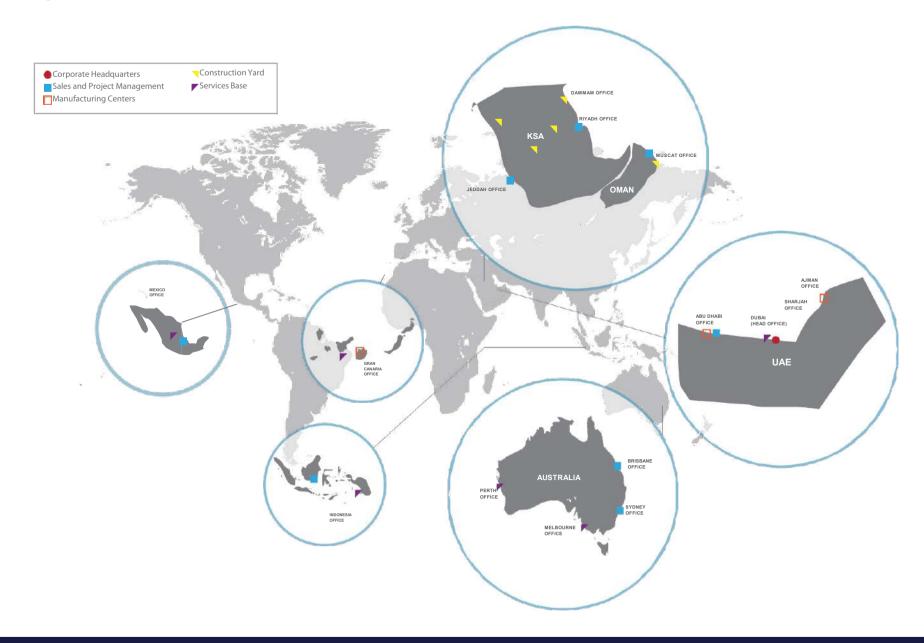








Integrated Global Business





Septech Technology Water

From production to consumption, municipal to commercial, Septech has the expertise and supporting resources to deliver, manage and maintain all your water solutions.

Septech's water business unit specialises in:

- Water treatment
- Water production
- Provision of emergency, short, medium and long-term solutions
- Standard range of pre-engineered systems
- Bespoke custom design solutions according to client/project needs
- Highest standard of internationally qualified and experienced water specialists
- Eco-friendly systems, proactively assisting in reducing regional freshwater stress
- Rental Plants
- O & M of plants

Septech's Water business unit is dedicated to the treatment of sea and brackish water suitable for domestic, commercial and industrial applications. Capable of producing upwards of 50m³ of water per day. Septech's standard or customised water technology solutions are capable of meeting all your water treatment and production requirements.



GCC Water Projects Map

Atlantis, The Palm, Dubai, UAE

kerzner 990,000m³/day
Water Treatment

ASR Schlumberger, Qatar

Schlumberger 90,000m³/day Water Treatment

Pearl Dive Pool, Dubai UAE

Brookfield MULTIPLEX 74,400m³/day **Water Treatment**

Al Ghubrah Desalination, Oman

22,700m³/day الصنة العامة للكهرباء والمياه Public Authority for Electricity & Water SWRO Plant

Occidental Petroleum, Oman



Saadiyat Island, Abu Dhabi, UAE

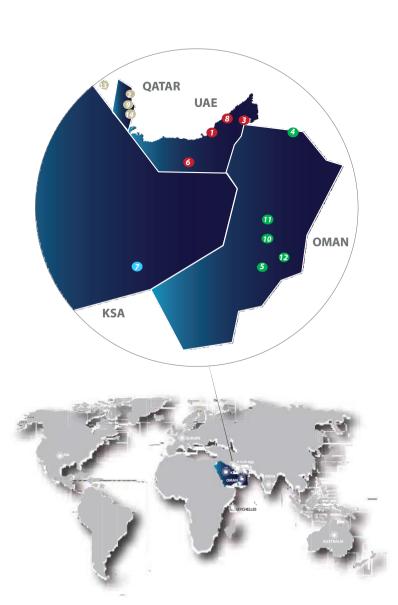


10,000m3/day **SWRO Plant**

Temporary Steam Product, Jizan, KSA



8,400m3/day **SWRO Plant**





The Tigerwoods, Dubai, UAE 5,000m³/day TATWEER BWRO Plant

9

Iberdrola Power Plant, Qatar



Oxy Oil Field - Phase I. Oman



Oxy Oil Field - Phase II, Oman



4,000m3/day SWRO Plant

Oxy Oil Field - Phase III, Oman



4,000m3/day **SWRO Plant**

Tatweer Petroleum, Bahrain



2,250m3/day **BWRO Plant**

(DSWMC) DM Solid Waste, Qatar



Septech Technology Mobile Water

The Mobile Water Treatment unit from Septech is the most advanced self-contained system in the world that employs the latest pre-treatment and Reverse Osmosis (RO) capabilities in a fully containerised solution. It has up to 20% less power consumption than the competitors and has up to 30% less footprint. Septech offers Remote Operation and Monitoring System (ROAM) tailored to customers' needs.

Our Mobile Water Treatment Units (SeaCON & BraCON models) produce between 950m³ to 5,000m³/day of product water specifically designed to meet end-users needs. The versatile systems are capable of being rapidly deployed in remote and off-grid locations anywhere in the world designed to provide a simple, reliable solution to provide quantity and quality of water to clients with minimal capital investment and minimal mobilization and start-up processing time to ensure a 24/7 operation on long-term water sites, emergencies and scheduled operations.

Emergency:

- Ensuring the continuity of your production
- Commissioning in a few hours or days
- Guaranteed water quality and quantity
- · Complete facility, immediately operational
- Compliance with regulations and your safety rules

Long term rental:

- · Producing water with no capital investment
- · Deconsolidation of your capital investment
- Leasing period to suit your needs
- Faster setup than a construction
- Training of your teams by our experts

Scheduled operations:

- · Planning your pure water requirements
- Securing maintenance or start-up periods
- Adapting to seasonal requirements or temporary deterioration of the water resources
- Carrying out pilot tests
- Turnkey facility (teams, consumables)

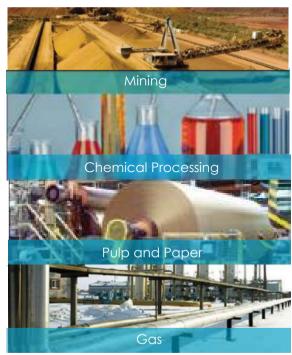
Quick Facts

Services

- 24 hour 365 days a year water production capabilities logistics and technical support
- Concept design development and early planning stage involvement
- Meeting a diversity of water quality specifications
- 24 hour a day installation, service and management
- Reliable emergency, short and long-term treated water supply
- The fast delivery and provision of pure water in unforeseen emergency, short or long-term situations
- Mobile fleet of water treatment units available for rapid, emergency dispatch
- Allows for planned maintenance of permanent water facilities without disruption
- Supports new plant start-up or commissioning
- Provision of pure water during periods of heavy demand needs or when there is a change in feed water quality

Technologies

- Containerised and skid mounted water treatment technology and service units
- Seawater Reverse Osmosis (SWRO)
- Brackish Water Reverse Osmosis (BWRO)
- Multimedia Filtration (MMF)
- Ion Exchange (IX)
- Membrane separation
- Mobile Flow demineralised (MBF)
- DEOX process







Septech Technology Wastewater

Whether packaged, centralised or at point of source, Septech has 21 years of regional experience and a portfolio of more than 20 years in treating municipal and industrial wastewater.

Septech is in the unique position of being both a provider of advanced technologies for the treatment of wastewater and also the downstream membrane-based treatment systems for the production of high quality water. The water produced from the combination of both processes can then be used in water re-use or re-cycling applications.

Advanced wastewater treatment plants offer higher performance and operational efficiencies with reliabilities that have set new standards in wastewater treatment. The expertise and experience of Septech is targeted to the delivery of the highest quality water outcomes whilst maintaining optimum plant reliabilities.

Modern treatment plants deliver performance to the tertiary level of treatment standards. This standard indicates compliance in the removal of both nutrients and suspended solids to a low level and the removal of biodegradable organics. Odorous constituents sare also converted in the process. Through disinfection of the treated wastewater, re-use strategies have been adopted for water to be distributed to downstream users including irrigation, farming, energy and industrial applications.



GCC Wastewater Projects Map

Yas Island, Abu Dhabi, UAE



Sharjah Municipality, Sharjah, UAE



Sharjah Municipality, Sharjah, UAE



Al Reef Villas, Abu Dhabi, UAE



Al Moosa Labour Camp, SHJ, UAE



6 Sharjah Expo Centre, Sharjah, UAE



O Domestic Sewage, Abu Dhabi, UAE







Wadi Al Helo, Sharjah, UAE



Al Maha Desert Resort, Dubai, UAE



Sewage Treatment Plant, Sharjah, UAE



Sewage Treatment Plant, Dubai, UAE



Grey Water Treatment, Sharjah, UAE



CNIA Bu Hasa Camp, Abu Dhabi, UAE



Ajman City Centre, Ajman, UAE



Septech Technology Precast Infrastructure

Septech's precast units are highly respected, trusted and constantly in demand because of their quality, durability and ease of installation. It is our ability to respond quickly to market needs, providing cost and time efficient solutions that build the foundation for Septech to maintain its position as a market leader in the precast industry.

Septech designs, manufactures and installs a wide range of drainage and infrastructure products, tailored to meet the needs of multiple water and wastewater applications. Our designs are fully approved and endorsed by the municipality and have been installed in residential, commercial and industrial developments throughout the region.

high experienced engineers to ensure Septech's high quality standards are always met. All precast concrete elements are based on innovative mould designs, developed and patented by Septech's engineering team. Depending on the clients' requirements, Septech's precast products can be tailor made using the latest time efficient techniques. The quick and easy installation, compared to other cast products, can shave valuable time of your construction schedule.

Septech is ISO9001 certified. The production process is monitored by

Septech's precast solutions include:

- Monolithic designs of all water and wastewater tanks
- Full municipality approved product range
- Guaranteed quality assurance for delivery and performance
- 16 years experience servicing the local market
- High water table solutions for underground installations
- Product inventory supports immediate delivery



GCC Precast Projects Map



50 Low Cost

Al Ouravah, Fuiairah

Design, Custom, Engineer, Manufacture and Build Septic Tank Type 1 & Soakaway Type 1 Soakaway Type 1



Water Dept. Building Halwan Shariah.UAF

Design, Custom Engineer, Manufacture and Build +

Installation of Septic Tank.



30 Low Cost Houses Al Faseel, Fuiairah

Design, Custom Engineer, Manufacture and Build + Installation of Septic Tank Type 1 & Soakaway Type 1



Sharjah, UAE

Septic Water Tank 3.5 dia Design, Custom Engineer, Manufacture and Build + Installation Septic Water Tank



50 Villas for Nationals Ourravah, Fuiairah

Septic Tanks & Soakaway

Design, Custom Engineer, Manufacture and Build + Installation of Septic Tanks and Soakaway.



AL Dhafrah Airbase Blda. Abu Dhabi, UAF

11000 Ltr. Septic Tanks & Soakaway Design, Custom Engineer, Manufacture and Installation installation of 1100 Soakaway



Design, Custom Engineer, Manufacture and Installation of 6000 gallon.



Dibba Al Hossan School Shariah, UAE

Design, Custom Engineer, Manufacture and Build + Septic Tanks & Soakaway Installation of Septic Tanks and Soakaway.



Shk. Sultan al Qassimi Palace

Sharjah, UAE

11000 Ltr. Septic Tanks & Soakaway Design, Custom Engineer, Manufacture + Build and Installation of Soakaway 11000 Ltr.



4 Villas Private Dubai, UAE

Design, Custom Engineer, Manufacture and Build+ Installation of Septic Tanks and Soakaway.











Septic Tank and Soakaway

50 Villas

Fuiairah, UAE

Desian, Custom Engineer, Manufacture and Build and Installation of Sentic Tank and Soakaway





Sentic Tank and Soakaway

50 Villas Fuiairah, UAE

Shariah, UAE

Design, Custom Engineer, Manufacture, Build and Installation of Septic Tank and Soakaway.

Medium Rise Office Blda.



Design, Custom Engineer, Manufacture 6000 Gallons and Soakaway and Build + Installation of 6000 gallon and soakaway



Septic Tank and Soakaway

Building @ Al Khan Shariah, UAE

Desian, Custom Engineer, Manufacture and Build + Installation of Septic Tank and Soakaway.



Septic Tank and Soakaway

UTCC Camp Investment Park

Dubai, UAE

Desian, Custom Engineer, Manufacture and Build + Installation of Septic Tank and Soakaway.





Al Azraa School Shariah, UAE

Design, Custom Engineer, Manufacture and Build + Installation of Sentic Tank and Soakaway.



CANADA CONTRACTORS Septic Tank and Soakaway

Wadi Al Helo

Sharjah, UAE Desian, Custom Engineer, Manufacture and Build +

Installation of Septic Tank and Soakaway.





Salman al Farsi School Shariah, UAE

Desian, Custom Engineer, Manufacture and Build + Installation of Septic Tank and Soakaway.



Dubai, UAE

Desian, Custom Engineer, Manufacture and Build + Installation of 25000 Ltr. Septic Tank.





Emaar Hills Proiect Abu Dhabi, UAE

Design, Custom Engineer, Manufacture and Build + Installation of 5000 Ltr. Septic Tank 308 Villas.

Septech Technology Marina

From a macro and micro perspective, Septech aims to deliver complete project solutions. The marina business unit has mastered this objective with their ability to design, construct, maintain and manage turn-key marina solutions that celebrates the project of which they are part.



Septech, together with our internationally recognised and respected partner Bellingham Marine, locally design, manufacture and install Unifloat® floating concrete marina systems, floating wave attenuators, dry stack storage solutions as well as providing marina management and consultancy services. Internationally renowned for their superior stability, durability, attractive appearance and quality, our products are designed, engineered and manufactured to the highest of international standards.

Septech's Marina Management Solutions (MMS) is a specialised software package that caters to the multi faceted needs of the marina, dry stacking and boat service industries. This one stop marina management tool provides any sized marina with a comprehensive set of rich features to run all aspects of the business.

Septech specialises in tailoring solutions to meet the most challenging engineering and geographical requirements.

Septech's relationship with Bellingham Marine results in more than 60 years of marina construction experience. The wealth of knowledge resulting from this partnership allows us to design and build the most valuable international marina assets in the shortest time frame. Our custom-built factory in the UAE enables Septech to create bespoke, turn-key marina solutions, casting and manufacturing our floating concrete pontoons to the specific requirements of our clients.



Marina Projects Map

MERAAS اااا إيسراس

Dubai, UAE

Desian, Custom Engineer, Manufacture and Build + installation of MFP services

Marasi Marina Rusiness Ray Dubai, UAF

Design, Custom Engineer, Manufacture and Build + installation of MFP services.

MERAAS Marsa Al Seef

83 Berths Design, Custom Engineer, Manufacture and Build + installation of MFP services

OMNIYAT Omniyat Jetty

Dubai, UAE

Unifloat* Concrete Pontoon System 2 Jetty Design, Custom Engineer, Manufacture and Build

Cultural Village Marina

Dubai, UAE

Design, Custom Engineer, Manufacture and Build + installation of MFP services.



Dubai Intl. Marine Club

Dubai, UAE

Design, Custom Engineer, Manufacture and Supervision of

Dubai Yacht Club Marina Dubai, UAE

Design, Custom Engineer, Manufacture, Piling Works and Supervision of installation.

Skv Dive Marina Dubai, UAE

. Design, Custom Engineer, Manufacture + Build and installation of rope light.



Dareen Port Expansion

Oatif, KSA

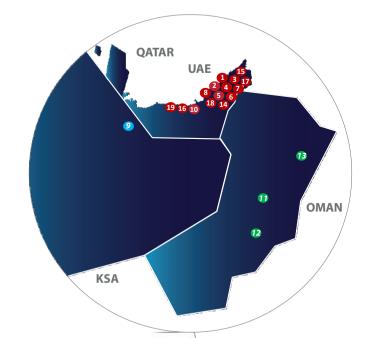
Design, Custom Engineer, Manufacture + Build and installation of rope light.



<mark>و</mark> ريـــم للتطويـــ REEM DEVELOPERS

Najmat Marina Abu Dhabi, UAE

Unifloat* Concrete Pontoon System Design, Custom Engineer, Manufacture + Build and



















Suwaia Fisherv . Harbour Oman

Desian, Custom Engineer, Manufacture and Build +



Seeb Fisherv Harbour

Seeb. Oman

Design, Planning, Custom Engineer, Manufacture and Build + Commissioning and Gangway accossorios



Bait Al Barakah

Desian, Plannina, Custom Engineer, Manufacture and Build + Commissioning and Ganaway accessories.



Marina Mall

Dubai, UAF

Desian, Custom Engineer, Manufacture and Build + Ganaways and installation of MEP services.





West Marina – Stage 2 Dubai, UAE

. Design, Custom Engineer, Manufacture and Build + Gangways and installation of MEP services.



Yas Marina

Abu Dhabi, UAE Design, Custom Engineer, Manufacture, Pilling Works

Unifloat® Concrete Pontoon System and Supervision of installation.



Jumeriah Beach Hotel Dubai, UAE

Design, Custom Engineer, Manufacture + Build and installation MEP services.



tops éminil/ymeigy Dubai Festival City

Festival Marina Dubai, UAE

Design, Custom Engineer, Manufacture + Build and installation MFP services



Qasarna Island Marina

Abu Dhabi, UAE

Design, Custom Engineer, Manufacture + Build and installation of MFP services.

Septech Technology Utilities Management

The Septech Utilities Consortium offers Governments, municipalities, national water utilities and private companies, world class expertise in all aspects of water supply, sanitation and sewerage treatment.

Septech offers:

- Operations & Maintenance;
- Operator and Management Training:
- Asset Management and life cycle planning Government regulatory development and system implementation;
- Water and Wastewater Planning;
- Retailing (billing and metering) Community Consultation and Awareness;

- Water Recycling (sewer mining, and or TSE polishing)
- Process design and detailed engineering;
- · Contract management and development
- Engineering, Procurement and Construction(EPC)
- Continual Improvement in Utility Management Best practices

Infrastructure Requirements:

Intake System; Pumping Facilities Pretreatment; Water Treatment Infrastructure; Membrane Treatment; Post treatment; Product Water Facility; Network Design; Network Infrastructure; Metering Infrastructure; CRM and Billing System; Geographical Information System; Enterprise Asset Management; Operations and Maintenance Infrastructure



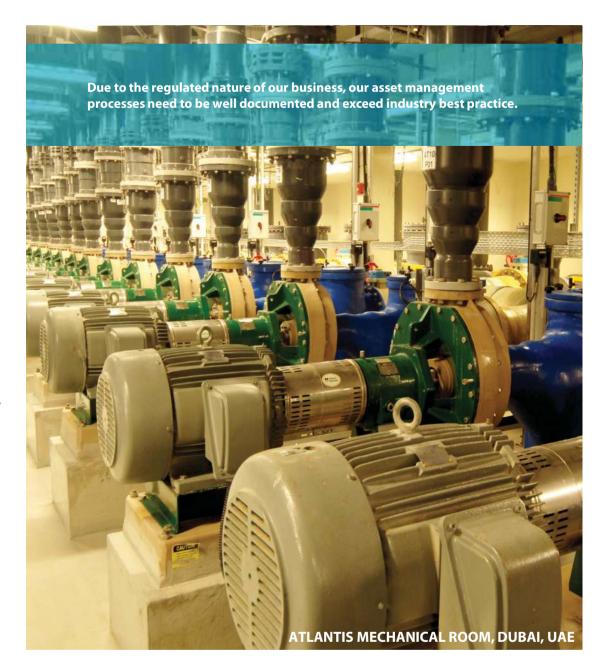
Quick Facts

Services

- Operations & Maintenance
- Operator and Management Training
- Asset Management and life cycle planning
- Government regulatory development and system implementation
- Water and Wastewater Planning
- Retailing (billing and metering)
- Community Consultation and Awareness
- Water Recycling (sewer mining, and or TSE polishing)
- Process design and detailed engineering
- Contract management and development
- · Engineering, Procurement and Construction (EPC)
- Continual Improvement in Utility Management Best practices

Capabilities

- Strong Experience and Knowledge of the Region (GCC)
- Alliance (Public-Private-Partnerships) Expertise
- Critical Public Asset Management
- Risk/Opportunity Management (performance driven culture through KPI's)
- Enterprise Development, from a Government perspective This is a unique synergy between the Septech Consortium— Transitional changes, commercialization, and knowledge transfer through in house training programs
- Customer Service
- Asset Base and Asset Management System
- Asset Management Benchmarking
- Business Systems and Control Systems
- · Maintenance Management System
- Training and Knowledge Transfer
- Continuous Improvement



WATER PROJECT PROFILES

Water













Dive Pool Project, Dubai, UAE

CASE STUDY

PROJECT NAME: Dive Pool Project
PROJECT LOCATION: Dubai, UAE

PROJECT SIZE: 74,400m³/day of Product Water

SERVICES PROVIDED: Construction of an indoor scuba diving facility including design, fabrication, delivery, factory

testing, site assembly, installation, site testing & commissioning of the aquatic systems.





The Tiger Woods, Dubai, UAE

CASE STUDY

PROJECT NAME: Al Ruwaya Course - Water Infrastructure

PROJECT LOCATION: Tiger Woods Golf Course, Dubai PROJECT SIZE: 5,000m³/day of product water

SERVICES PROVIDED: On-site mobilisation, installation, all civil works, commissioning, operations and maintenance

PRODUCTS PROVIDED: Low velocity filtration systems, chemical dosing units, R.O. plant with fouling resistant membranes





















Saadiyat Island, Abu Dhabi, UAE

CASE STUDY

PROJECT NAME: Saadiyat Island – Stage 1 Water Infrastructure

PROJECT LOCATION: Saadiyat Island, Abu Dhabi, UAE
PROJECT SIZE: 10,000m³/day of product water

SERVICES PROVIDED: On-site mobilisation, installation, all civil works, commissioning, operations and maintenance

PRODUCTS PROVIDED: Sea water intake system, media filters, chemical dosing units, sea water reverse osmosis plant





Atlantis, The Palm, and Aquaventure, Dubai, UAE

CASE STUDY

PROJECT NAME: Atlantis

Atlantis, The Palm, Dubai, UAE PROJECT LOCATION: PROJECT SIZE: 990,000m³/day of product water

The supply, installation and commissioning of all the Life Support Systems (LSS) required to sustain **SERVICES PROVIDED:**

the aquatic exhibits at Atlantis, complete with the mechanical plant equipment and servicing of the

freshwater applications, i.e. the rides & slides for Aqua venture

PRODUCTS PROVIDED: Sand filters, heat exchanges, pumps, strainers, ozone generating equipment, compressors, chemical

dosing, foam fractionators, UPVc pipe systems ranging from 1" through to 24", valves & fittings





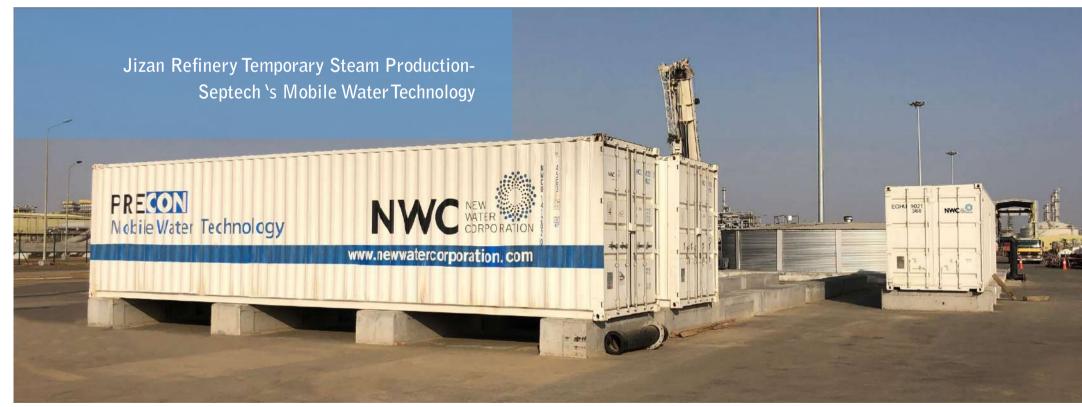




MOBILE WATER PROJECT PROFILES

Mobile Water













Temporary Steam Production Project, Seawater Desalination, Jizan, KSA

CASE STUDY

PROJECT NAME:

Jizan Refinery – Temporary Steam Production Project

PROJECTLOCATION:

Jizan, Kingdom of Saudi Arabia

PROJECT SIZE:

8,400m³/day of product water

SERVICES PROVIDED:

The design engineering manufacturing, On-site mobilisation, installation of all civil works, commissioning,

operations and maintenance.

PRODUCTS PROVIDED:

Seawater desalination system, SWRO multi media filtration, backwash pumps, Brackish water system,

chemical dosing units, brackish reverse osmosis plant.





DesalinationWater Treatment for Injection, Qatar

CASE STUDY

PROJECT NAME: ASRSchlumberger

PROJECT LOCATION: Qatar

PROJECT SIZE: 90,000m³/day of product water

SERVICES PROVIDED: The design engineering manufacturing and commissioning and operations. Pre-Treatment Media

Filtration System, Seawater reverse osmosis desalination system, Energy recovery,

PRODUCTS PROVIDED: Seawater reverse osmosis desalination system auxiliary system, clean in place piping support

system.













Tatweer Petroleum (Enhanced Oil Recovery using OTSG)

CASE STUDY

PROJECT NAME: Tatweer Petroleum

PROJECT LOCATION: Awali Oil Field, Bahrain

PROJECT SIZE: 2,250m³/day of Product Water

SERVICES PROVIDED: Design, Engineering, Procurement, Assembly, Start-up and Commissioning

PRODUCTS PROVIDED: Multimedia Filtration, Brackish Water Reverse Osmosis, Softener (WAC and SAC) Multimedia

Filtration, Brackish Water Reverse Osmosis, Softener (WAC and SAC)













Oxy Oil Field - GAP RO, Mukhaizna, Oman

CASE STUDY

Supply of high quality and polished feed water for Steam Generation – GAP RO **PROJECT NAME:**

PROJECT LOCATION: Mukhaizna, Oman

PROJECT SIZE: 12,000m³/day of product water (75,500 barrels/day)

Supply, installation and operation of sea water MMF containers, softener units, SWRO containers **SERVICES PROVIDED:**

complete with CIP and chemical dosing

PRODUCTS PROVIDED: Sea water MMF containers, SWRO containers complete with CIP and chemical dosing container,

softener units, DG interface panel, instruments, etc.





















MEED Quality Award 2011 Winner: GCC Water Reuse Project of the Year

Al Ghubrah Desalination Plant, Muscat, Oman

CASE STUDY

Al Ghubrah 5 MIGD Mobile Water Treatment Plant **PROJECT NAME:**

Muscat, Oman **PROJECT LOCATION:**

PROJECT SIZE: 22,700m³/day of product water

SERVICES PROVIDED: Design, Installation and Operation of Plant

PRODUCTS PROVIDED: Sea water intake pipework, break and storage tanks, multimedia filter containers, seawater RO containers, low pressure pumps, chemical dosing, air blower, 33KV & 11KV transformers and

switchgear and all pipework's, chemical storage building and on-site offices





DSWMC - Keppel Seghers Engineering

CASE STUDY

PROJECT NAME: DSWMC Domestic Solid Waste Management Center

PROJECT LOCATION: Doha, Qatar

PROJECT SIZE: 720m³/day demineralised water

SERVICES PROVIDED: Design, Supply, Installation, Operation and Maintenance of Plant

PRODUCTS PROVIDED: 1 No. Mobile Brackish Water Reverse Osmosis Unit and 1 No. Demineralisation Unit





















Saadiyat Island, Abu Dhabi, UAE

CASE STUDY

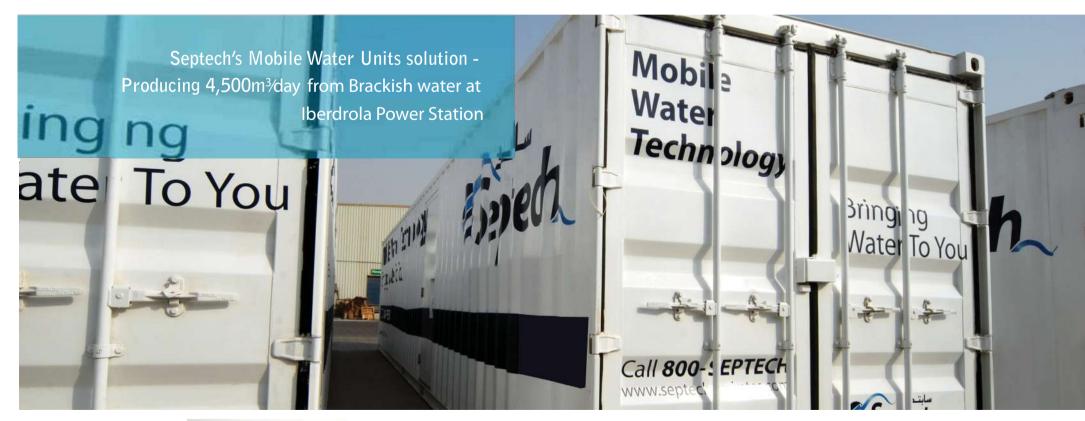
PROJECT NAME: Saadiyat Island – Temporary Mobile Water Solution

PROJECT LOCATION: Saadiyat Island, Abu Dhabi

PROJECT SIZE: Desalination production 1,000m³/day

SERVICES PROVIDED: On-site mobilisation, installation, all civil works, commissioning, operations and maintenance
PRODUCTS PROVIDED: Sea water intake system, media filters, chemical dosing units, sea water reverse osmosis plant













Iberdrola Power Station, Qatar

CASE STUDY

PROJECT NAME: Iberdrola Power Station Start-up and Commissioning

PROJECT LOCATION: Doha, Qatar

PROJECT SIZE: Brackish RO producing 4,500m³/day

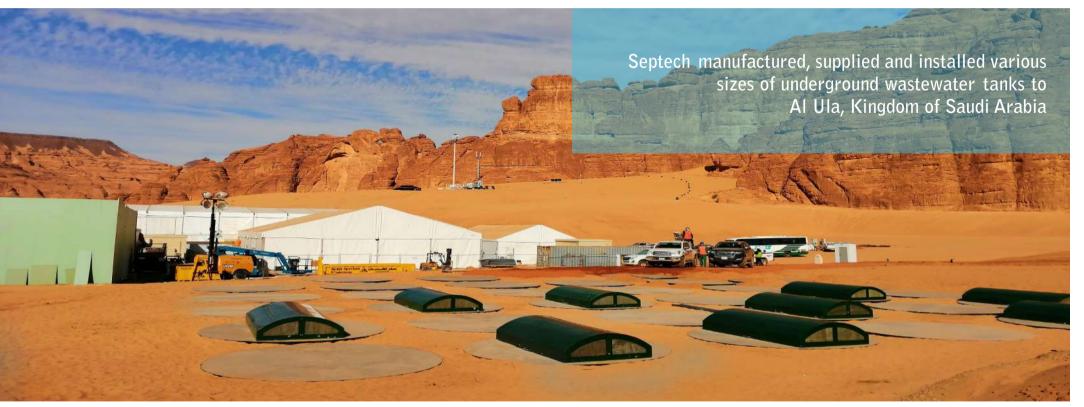
SERVICES PROVIDED: On-site mobilisation, installation, all civil works, commissioning, operations and maintenance
PRODUCTS PROVIDED: Brackish water system, media filters, chemical dosing units, brackish reverse osmosis plant



WASTEWATER PROJECT PROFILES

Wastewater





Al Ula Winter Camp Development Project – Kingdom of Saudi Arabia

CASE STUDY

PROJECT NAME: Al Ula Winter Camp Development Project.

Al Ula, Kingdom of Saudi Arabia **PROJECT LOCATION:**

STP Processing 10m³/Day, 36m³/Day, 53m³/Day, 60m³/Day PROJECT SIZE:

Design, Supply, Installation & Commissioning of Sewage Treatment Plant **SERVICES PROVIDED:**

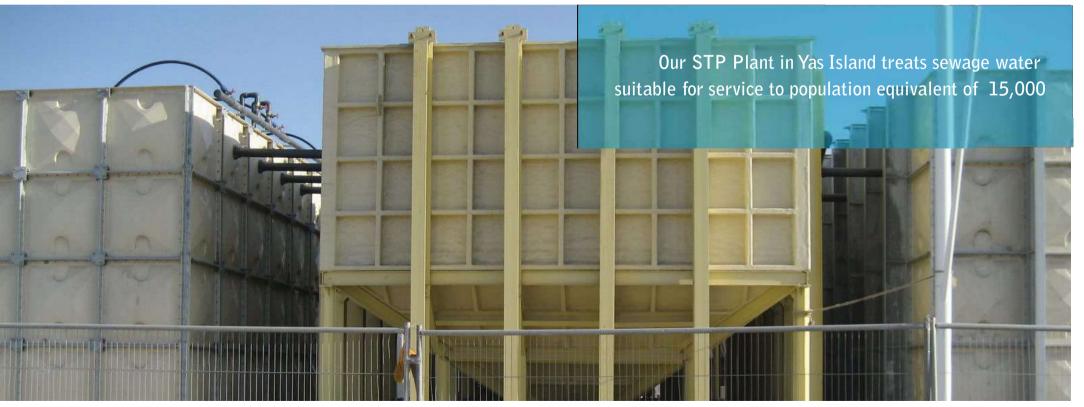
Underground Trickling Bio-filter(UTB) including Pump Stations PRODUCTS PROVIDED:











Yas Island, Abu Dhabi, UAE

CASE STUDY

PROJECT NAME: Yas Island Worker Camp Sewerage Treatment Plant (STP)

PROJECT LOCATION: Yas Island, Abu Dhabi **PROJECT SIZE:** STP processing 3,000m³/day

SERVICES PROVIDED: Concept, design and installation of STP for Yas Island construction worker camp

PRODUCTS PROVIDED: STP with Moving Bed Biological Reactor (MBBR) producing water suitable for irrigation purposes





















Wadi Al Helo, Sharjah, UAE

CASE STUDY

PROJECT NAME: Wadi Al Helo Villas (80 nos. villas)
PROJECT LOCATION: Wadi Al Helo, Sharjah, UAE

PROJECT SIZE: STP processing 80m³/day, 25m³/day and 15m³/day **SERVICES PROVIDED:** Supply and Installation of Sewage Treatment Plant

PRODUCTS PROVIDED: Underground Trickling Biofilter (UTB)





Al Reef Villas, Abu Dhabi, UAE

CASE STUDY

PROJECT NAME: Al Reef Villas
PROJECT LOCATION: Abu Dhabi, UAE

PROJECT SIZE: STP processing 1,000m³/day

SERVICES PROVIDED: Concept, design and installation of STP for Al Reef Villas (1,100 villa complex)

PRODUCTS PROVIDED: STP with Moving Bed Biological Reactor (MBBR) producing water suitable for irrigation purposes











PRECAST PROJECT PROFILES

Precast Infrastructure





Al Ula Winter Camp Development KSA

CASE STUDY

PROJECT NAME: Al Ula Winter Camp Development

PROJECT LOCATION: Al Ula, KSA

PROJECT SIZE: 80 Water Tanks

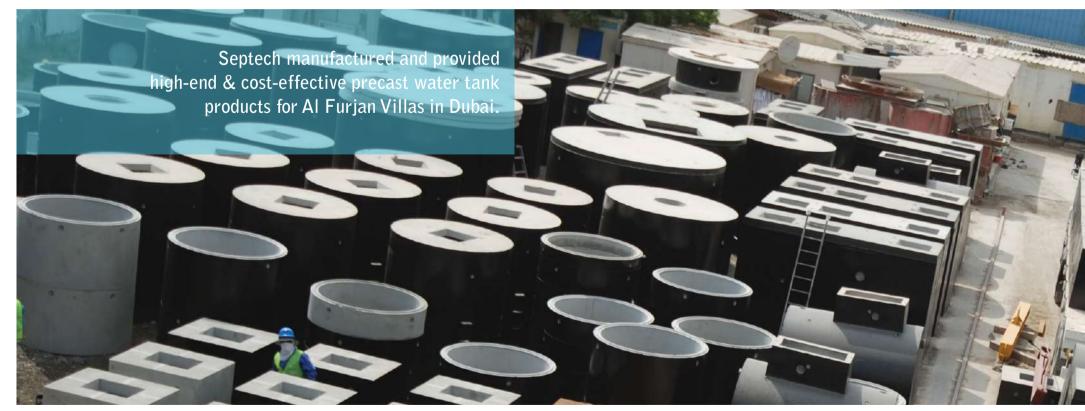
PRODUCTS PROVIDED 25,000 L, 11,000 L, 4,500 L & 1,500 L underground water tanks



















Al Furjan Villas and Terrace Homes

CASE STUDY

PROJECT NAME: Al Furjan Villas
PROJECT LOCATION: Dubai, UAE
PROJECT SIZE: 1,037 water tanks

PRODUCTS PROVIDED: 6000 L precast underground water tanks





Kingdom of Saudi Arabia National Guard

CASE STUDY

PROJECT NAME: SANG Project

PROJECT LOCATION: Al Qassim, Al Hail, Al Hassa and Al Madinah, Kingdom of Saudi Arabia

PROJECT SIZE: 7,118 Water Tanks

PRODUCTS PROVIDED 9m3 & 18m3 precast underground water tanks

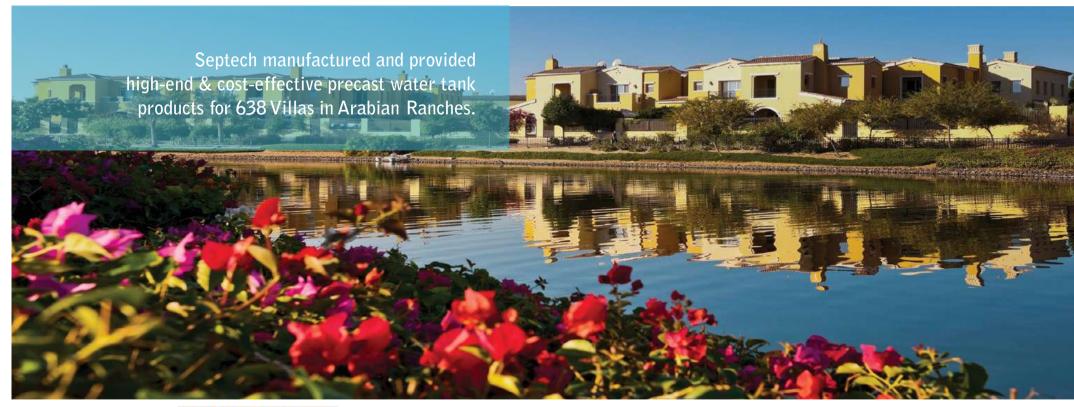




















638 Villas, Arabian Ranches, Dubai, UAE

CASE STUDY

PROJECT NAME: 638 Villas, Arabian Ranches

PROJECT LOCATION: Dubai, UAE

PROJECT SIZE: Water tanks for 638 villas

PRODUCTS PROVIDED: 3,200 L precast underground water tanks





Planet Management & Human Resources Consultancy

CASE STUDY

PROJECT NAME: Sundials Village

PROJECT LOCATION: Emirates of Dubai, UAE

PROJECT SIZE: 138 Water Tanks

PRODUCTS PROVIDED

Supply and Installation 3,200 L water tanks





















Al Reem Island

CASE STUDY

PROJECT NAME:Paris Sorbonne UniversityPROJECT LOCATION:Buniah, Abu Dhabi, UAE

PROJECT SIZE: 75 lineal manholes, 1.5 m dia, 38.6 lineal of 1.2 dia manhole **PRODUCTS PROVIDED:** 75 lineal manholes, 1.5 m dia, 38.6 lineal of 1.2 dia manhole



MARINA PROJECT PROFILES

Marina













Dubai Harbour Marina, Dubai

CASESTUDY

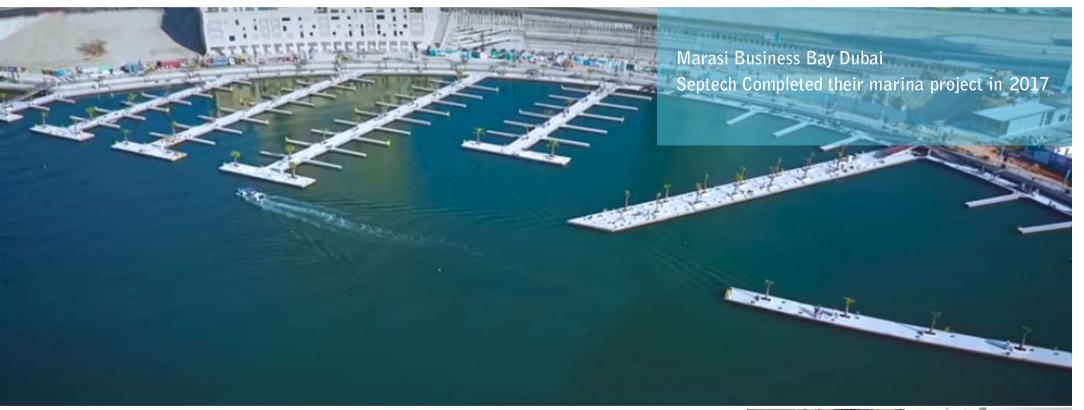
PROJECT NAME: Dubai Harbour Marina

PROJECTLOCATION: Dubai, UAE
PROJECTSIZE: 559 Berth

SERVICES PROVIDED: Design, custom engineer, manufacture and build + installation of MEP services

PRODUCTS PROVIDED: Unifloat® concrete floating pontoon system





Marasi Business Bay, Dubai

CASESTUDY

PROJECT NAME: Marasi Business Bay, Park 03

PROJECT NAME:

Dubai, UAE

PROJECT SIZE:

Dubai, UAE

SERVICES PROVIDED: Design, custom engineer, manufacture and build + installation of MEP services

PRODUCTS PROVIDED:

Unifloat® concretefloating pontoon system

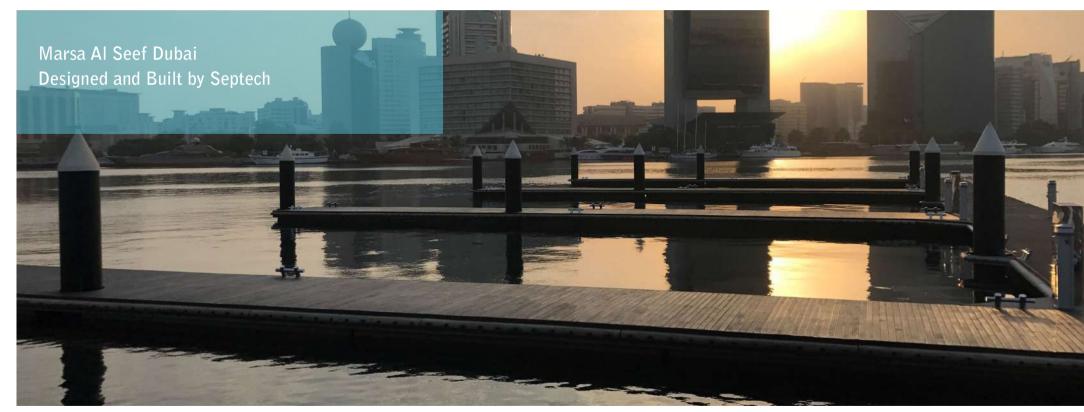




















Marsa Al Seef, Dubai

CASESTUDY

PROJECT NAME: Marsa Al Seef
PROJECTLOCATION: Dubai, UAE
PROJECTSIZE: 77 Berth

SERVICES PROVIDED: Design, custom engineer, manufacture and build + installation of rope lights

PRODUCTS PROVIDED: Marina piles, floating pontoons and gangways





Omniyat Jetty, Dubai

CASE STUDY

PROJECT NAME: Omniyat Jetty
PROJECTLOCATION: Dubai, UAE
PROJECTSIZE: 2 Jetty

SERVICES PROVIDED: Unifloat® Concrete Floating Pontoon system.

PRODUCTS PROVIDED: Design, Custom, Engineer, Manufacture and Build + installation of MEP services.









OMNIYAT











Festival Marina, Dubai Festival City

CASE STUDY

PROJECT NAME: Festival Marina

PROJECT LOCATION: Dubai Festival City, UAE

PROJECT SIZE: 90 mega berths

SERVICES PROVIDED: Concept, design and build of Festival Marina

PRODUCTS PROVIDED: Marina piles, floating pontoons, gangways, mechanical, electrical and plumbing facilities (MEP)





Dubai Marina Yacht Club, Dubai

CASE STUDY

PROJECT NAME: Dubai Marina Yacht Club (DMYC)

PROJECT LOCATION: Dubai Marina, UAE

PROJECT SIZE: 115 mega berths (12-35m vessels)

SERVICES PROVIDED: Design, planning, manufacturing, transportation, installation and commissioning

PRODUCTS PROVIDED: Unifloat® pontoons, piles, MEP pedestals (electricity, water and integrated speaker system),

SOS pedestals, sewage pumpouts, customised gangway, security gate





















Barr Al Jissah Marina, Oman CASE STUDY

Barr Al Jissah Marina PROJECT NAME: PROJECT LOCATION: Muscat, Oman **PROJECT SIZE:** 56 berths

The design, manufacture and installation of pontoon system including MEP services. **SERVICES PROVIDED:**

PRODUCTS PROVIDED: Marina piles, floating pontoons, gangways, mechanical, electrical and plumbing facilities (MEP)

Turner



Jumeirah Beach Hotel Marina, Dubai

CASE STUDY

PROJECT NAME: Jumeirah Beach Hotel Marina
PROJECT LOCATION: Jumeirah Beach, Dubai

PROJECT SIZE: 90 mega berths

SERVICES PROVIDED: Concept, design and build of Jumeirah Beach Hotel Marina

PRODUCTS PROVIDED: Marina piles, floating pontoons, gangways, mechanical, electrical and plumbing facilities (MEP)





















Najmat Marina, Abu Dhabi

Najmat Marina PROJECT NAME: PROJECT LOCATION: Abu Dhabi, UAE 167 berths **PROJECT SIZE:**

The design, manufacture and installation of pontoon system including MEP services **SERVICES PROVIDED:**

PRODUCTS PROVIDED: Marina piles, floating pontoons, gangways, mechanical, electrical and plumbing facilities (MEP)















Dubai International Marine Club, Dubai, UAE

CASE STUDY

PROJECT NAME: DIMC Design and Installation of New Super YachtMarina

PROJECT LOCATION: Mina Seyahi, Dubai, UAE

PROJECT SIZE: 14 berths

SERVICES PROVIDED: Design, custom engineer, manufacture and supervision of installation

PRODUCTS PROVIDED: Unifloat® concrete floating pontoon system





Sky Dive Dubai Marina, Dubai

CASE STUDY

PROJECT NAME: Sky Dive Marina
PROJECT LOCATION: Sky Dive Dubai, Dubai

PROJECT SIZE: 2 Jetty

SERVICES PROVIDED: Design, custom engineer, manufacture and build + installation of rope lights

PRODUCTS PROVIDED: Marina piles, floating pontoons and gangways

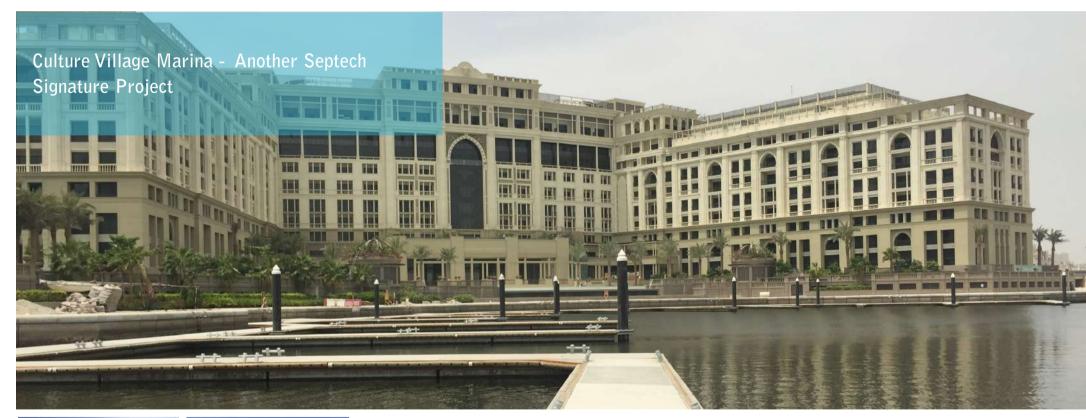




















Culture Village Marina, Dubai

CASE STUDY

PROJECT NAME: Culture Village Marina

PROJECT LOCATION: Dubai, UAE
PROJECT SIZE: 59 berths

SERVICES PROVIDED: Design, custom engineer, manufacture and build + installation of MEP services

PRODUCTS PROVIDED: Unifloat® concrete floating pontoon system





Yas Marina, Abu Dhabi

CASE STUDY

PROJECT NAME: Yas Marina

PROJECT LOCATION: Yas Island, Abu Dhabi, UAE

PROJECT SIZE: 144 berths

SERVICES PROVIDED: Design, planning, manufacturing, transportation, installation and commissioning

PRODUCTS PROVIDED: Unifloat® pontoons, piles, MEP pedestals, SOS pedestals, sewage pump-outs, customised

gangways and underwater LED lights

















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