




Customized Water Treatment Engineering

Go International USA Webinar Overview of APATEQ

Luxembourg, 3rd June 2021

A wide-angle landscape photograph showing a calm body of water, likely a lake or a wide river, reflecting the surrounding environment. The water is very still, acting as a perfect mirror for the sky and the mountains. In the background, there are several jagged, rocky mountain peaks, some with patches of snow or light-colored rock. The mountains are surrounded by a dense forest of tall, dark green coniferous trees. The sky is a clear, vibrant blue with a few scattered white clouds. In the foreground, the shoreline is visible, composed of various sized rocks and pebbles in shades of brown, tan, and grey. Some green moss or small plants are growing on the rocks near the water's edge. The overall scene is peaceful and majestic, typical of a national park or a wilderness area.

APATEQ engineers robust water treatment solutions for demanding applications. APATEQ solutions treat complex water sources which achieves environmental compliances and beneficial reuse specifications.

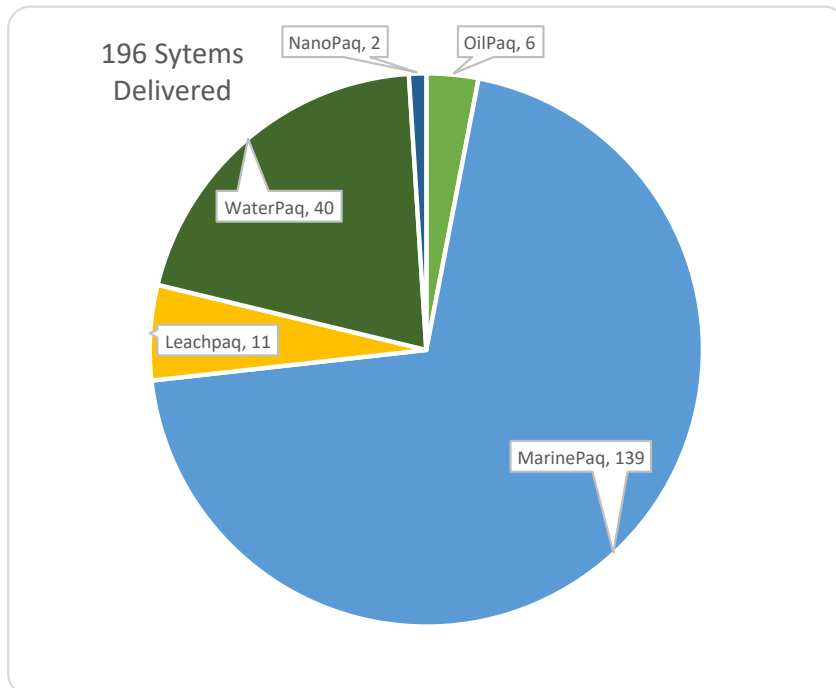
Modularized Water Treatment Solutions

Innovative and award winning Clean Tech solutions, for a range of industry sectors.

1. OilPaq – Energy Industry Produced Water and Fracking Flowback
2. MarinePaq – Sox / Nox Scrubber Wash water to meet IMO regulations
3. NanoPaq – “Forever Chemicals” PFAS remediation. Innovations in Pilot Testing
4. LeachPaq – Landfill water run off
5. WaterPaq – Industrial water recycling



Facts & Figures – Over 20 Years of experience



Most recent milestones

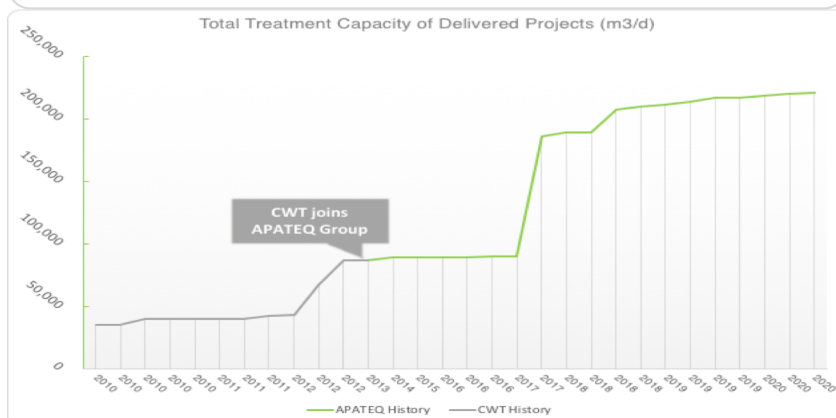
June 2020 OilPaq Generation 2 Developed

March 2021 NanoPaq Pilot Plant Launched

196 systems globally for clean water treatment.

Total treatment capacity of 221,000 m³/d or 1.4mbbld or 40,587 GPM

Approximately 90 Olympic sized pools per day.



The APATEQ Advantage

Expertise and Execution developed over decades delivering solutions for the most challenging water treatment applications.

Over 99% removal efficiency, with modular proven technologies.

The most reliable and economic solution for the lifetime of the project.
Supported globally with exemplary customer service.



APATEQ makes the difference where

There is need to Reduce, Reuse and Recycle water consumption.

When Municipal water treatment is unavailable: for logistical, chemistry or economic reasons.

Challenging compositions require bespoke high performance solutions

Discharge to the environment must meet local regulations.

APATEQ water treatment solutions support the UN Sustainability development goals.

Net Zero Discharge objectives



OilPaq – Produced Water and Fracking Flowback



Onshore, produced water Treatment.
1500ppm inlet to < 1ppm outlet. Removal efficiency of 99.9%

Multiple inlet streams of hard to treat waters: Cement cuttings, fracking flow back, truck wash waters

NanoPaq Pilot Test Skid

Growth market for PFAS remediation

Flow rate range 150 - 250 L/h

20ft shipping container.

Dry weight 6t.

Pilot Test in progress May to June 2021



WaterPaq - Compact wastewater treatment plants



Remote man-camps in Alberta, Canada. Grey waters are recycled and meet local discharge regulations. The WaterPaqs are fully winterized with full redundancy in the control system

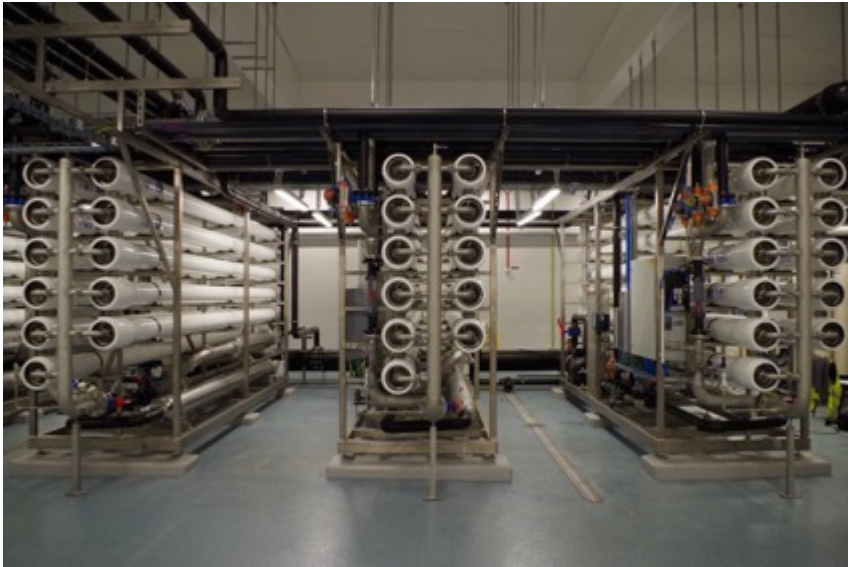
WaterPaq - Industrial water recycling to drinking water standard

Sweden: Island of Öland community of Mörbylånga. Processing, between 1,000 to 4,000 m³/d. (180 – 730 GPM) Addressing water scarcity for the local population.



APATEQ won a competitive Pilot Trials against major solution providers. A technical first in Europe, waste water to drinking quality in one system.

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Addressing water scarcity for the local popula tion.

In 2019 the inauguration was attended by their Royal Highnesses Victoria, Crown Princess of Sweden, and Prince Félix of Luxembourg.



Award Winning Cleantech Solutions



Contact APATEQ

Find out how we can help you save water, save money and the environment.

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