Veolia offers reliable, secure, 24/7 services to suit all requirements. Pre-packaged on a trailer, skid, or container for maximum mobility and responsiveness, a portable water treatment plant will instantly enhance your facility by providing consistent and reliable water treatment.

We provide a full-service offering with flow rates ranging from 20 gpm to 5,000 gpm. Our solutions include high-quality assets to rent, consumables, spare parts, chemicals, and services. All pre-engineered with ‘plug-and-play’ connections for ease of use.

Three Flexible Service Offerings

- **Planned**: Maintain the provision of treated water during scheduled maintenance, upgrade, or commissioning.
- **Multi-Year**: Standard water treatment solutions for up to seven years.
- **Emergency**: Short-term, immediate response to cover and ensure business continuity in the case of an unexpected event.

Applications

- Clarification
- Discfiltration
- Ultrafiltration
- Chemical Softening
- Polishing Demineralization
- Reverse Osmosis
- Specialty Ion Exchange

For More Information

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www.veoliawatertech.com
Confidential Power Producer
Location: Québec, Canada

Client Needs

- Raw water treatment of river water for boiler water
- Maintenance involving a steam blow procedure which included the need for highly deionized water
- Treatment capacity: 150 gpm

Solution

- 1 mobile filtration skid (MOFI 3x60)
- 1 mobile RO (MORO 4x25T) in double-pass mode
- Ion Exchange vessels (MOFI 1200) to achieve <1.0 µS/cm

Benefits

- Ensure continuity during a planned maintenance
- Guaranteed quantity and quality water for production needs
Confidential Chemical Producer
Location: Texas, USA

Client Needs

- Refurbishment of current RO membranes
- Continuous supply of low conductivity demineralized water during the refurbishment
- Some unforeseen weather conditions (winter storm) had created emergency conditions

Solution

- 1 mobile reverse osmosis trailer (MORO 4X25T) to ensure treated water of up to 100 m³/hr (440 gpm) and <10 µS/cm

Benefits

- Ensure continuous operation of production
- Emergency deployment to minimize risk during weather event
Pretium Resources Brucejack Mine
Location: British Columbia, Canada

Client Needs

- The client requested service to provide a temporary mine water treatment solutions while the permanent plant was being designed
- Contract duration: 2.5 years

Solution

- 1 mobile Actiflo® clarification unit
- The 1,100 gpm (250 m³/h) temporary mobile plant was designed for TSS, metals and toxicity removal

Benefits

- Environmental compliance for low level metals
- Temporary plant allowed for design and installation of permanent plant
Confidential Chemical Producer
Location: Louisiana, USA

Client Needs
- 50-100 gpm of demineralized water at < 10 µS
- Feed water source: clarified river water
- Application: maintenance, tank cleaning
- The client struggled with inlet flow and wanted some flexibility to keep the plant running

Solution
- 1 mobile deionization unit with 10 million grain capacity
- 1 filtration skid consisting of 5 micron bags followed by 1 micron filters

Benefits
- Rapid response to meet client’s project deadlines
- Continuous production of demineralized water
- Flexible and full service
Confidential Oil Refinery
Location: Alberta, Canada

Client Needs

• Existing clarifier was scheduled for maintenance then suddenly broke down which demanded an urgent response

• Raw water treatment of river water for demineralizer feed

Solution

• 2 mobile Ultra-filtration trailers (MOUF-4x80T) producing >1200 GPM of sub micron filtered water each

• 2 storage tanks (MOTK-30C)

• 4 duplex pump skids (MOPS-I170)

Benefits

• Ensured consistent water quality required to prevent demineralizer fouling and maintain boiler production

• Refinery production was not interrupted
Confidential Chemical Producer
Location: Ohio, USA

Client Needs

- The site had scheduled maintenance work to be carried out on one of their two secondary clarifiers, but did not want to throttle production which would occur if a shutdown were needed.

Solution

- 1 Actiflo® clarification mobile unit

Benefits

- Small footprint of Actiflo® clarification unit
- Ability to handle the influent feed of 3,000 – 4,000 mg/l mixed liquor suspended solids (MLSS)
- Reliable solution for the client with no disruption to production
Nunavik Nickel Mine
Location: Québec, Canada

Client Needs

• The client needed to dewater a tailings pond to remove toxicity from the permeate
• The site had a very high concentration of thiosalts that required treatment
• The site is located in a very remote area of Canada

Solution

• Mobile reverse osmosis mobile units fitted with nanofiltration membranes treating 4,800 m³/d of permeate

Benefits

• Thiosalts removal is over 99.9%
• Multi-year rental lowered mine site's CAPEX budget by utilizing OPEX expenditures instead