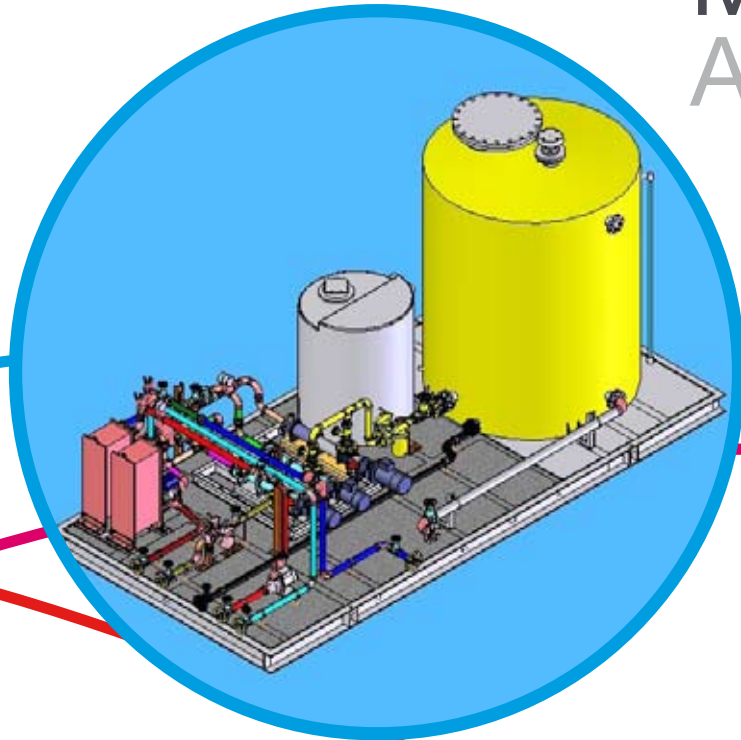


# Project Management And Installations



**Mono<sup>®</sup>** **NOV**

One Company, Unlimited Solutions



# The Mono Projects Team

## Overview

For over 70 years, Mono has been successful in manufacturing and supplying pumping, grinding, screening and packaged pumping systems from the extensive manufacturing site in Manchester.

To offer an additional level of service to our customers, the Mono Projects Team was formed to manage the complete installation of equipment at a new or existing site.

From simple domestic installations through to major supply only contracts and full turnkey packages, the Mono Projects Team have all the capabilities to fulfill contract requirements.

***'Just one company to design, supply and install'***



*A packaged sludge treatment plant designed by Mono*

**Mono have successfully completed over 600+ contracts**

## A Total Engineered System Solution

With many years experience of project management, system design, equipment selection and site management and installation, the Projects Team can offer you the following services for a project:

- 3D Design of the installation
- Equipment manufacture and supply
- Mechanical & electrical installation
- Commissioning
- Service contracts



*Duty/standby pump installation*

Installations have been completed on behalf of all UK Water Plc's and many major industrial clients. Contracts have included mechanical, electrical and minor civils, together with the supply and installation of additional items such as:

- Control Systems
- Pipework and Valves
- Walkways
- Flow Meters, Pressure Transducers etc.
- Kiosks
- Lifting equipment
- Minor civil works
- Electrics

# Installation Projects

## Custom Designed Packages

To meet the requirements of your installation, bespoke packages can be supplied. These are designed on the 'Plug and Play' principle, normally requiring only final pipe and electrical connections to be made on site, helping to reduce installation costs.



*Skid mounted package comprising pump, gearbox, control panel, baseplate and suction and delivery pipework connections*

## River Intake Screening

Mono has completed a number of projects throughout the U.K. comprising 3D design, supply, installation and commissioning of Discreens for river intakes. The combination of the effective self-cleaning Discreen and our experience in managing the installation, offers a complete solution for river intake screening projects.



*4 Discreens supplied and installed on a lagoon intake*

*A walkway installed as part of a river intake contract*



*The management of craneage for a contract to install a special acoustic GRP kiosk and sewage pumps*

## Industrial Plants



*Vertical pumps installed in a 47m deep tunnel*

Installations at industrial plants have included £100,000 mechanical and electrical installation for groundwater pumps; heavy duty vertical pumps with 250kg swing jib and fully automated tanker loading pumping systems.



## Combined Storm Overflows

Stormscreens have been installed as simple retrofits into existing storm overflow chambers or new works designs. When located under a main road, a simple guide rail and lifting chain management system has been utilised to allow quick and easy installation and removal.

*Lifting chain management system for a Mono Stormscreen*



## Inlet Works

For projects that require complete extraction of screenings, Mono has undertaken a number of contracts comprising Discreens, extractors and screw conveyors. Working closely with the customer on design and build, Mono's single source supply and installation reduces time and cost, compared to the involvement of third party contractors.



*Extractor, screen and macerator installation*



*Refurbishment of an old pump station, complete with new interconnecting pipework and control panels*

## Sewage Pumping Systems

Whether you need to replace an old pump station or install a new packaged pumping system, the Projects Team can design and install equipment to effectively pump raw sewage over long distances to the local treatment works. Demolition of old pump houses and new installations have all been undertaken at competitive prices with minimal disruption to local residents.



*Screw Conveyor installation at a local treatment works*

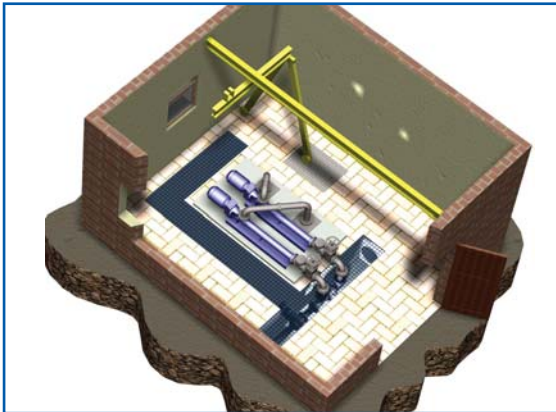
# Standards & Approvals

Mono is accredited to BS EN ISO 9001:2000 Quality Assurance certification and also holds certification under the Achilles Verify SHEQ scheme.



Our fully trained installation engineers are qualified to undertake major projects with the following capabilities:

- Confined Space - City and Guilds Unit 822
- Hazardous Areas
- Underwater projects by a qualified diving team
- NICEIC approval and certification
- CAD design and draughting with full 3D modelling
- First Aid
- IOSH Managing Safely



*3D design of a pump installation into an existing pump house*

All work is carried out in accordance with current legislation. Mono has managed M&E projects up to £500K. Higher value contracts are considered on a case by case basis.

**Mono is approved by all Water Plc's and major Civil Contractors, along with many 'Blue Chip' manufacturing companies.**



*Installation of nine Discreens and two Munchers, together with a guide rail system for easy removal from the 7 metre deep storm chamber*

## Health & Safety

Health and Safety is an integral part of Mono's business strategy and as such contributes to our business performance by reducing injuries and ill health.

A Mono Project Installation Plan would cover:

- Drawings
- Method Statements
- Risk Assessments
- Operation & Maintenance Manuals

Whatever the project, Mono works within the law and in a safe and correct manner to ensure the Health & Safety of our employees, sub-contractors, customers and the general public.

#### Europe

Mono Pumps Ltd, Martin Street, Audenshaw  
Manchester, M34 5JA, England  
T. +44 (0)161 339 9000  
E. [info@mono-pumps.com](mailto:info@mono-pumps.com)

D.M.I EST, 56, rue du Pont  
88300 Rebeuville, France  
T. +33 (0)3 29 94 26 88  
E. [dmi-est@dmi-est.fr](mailto:dmi-est@dmi-est.fr)

#### Americas

Monoflo Inc., 10529 Fisher Road  
Houston, Texas 77041, USA  
T. +1 713 980 8400  
E. [inquire@monoflo.com](mailto:inquire@monoflo.com)

Monoflo S.A., Ing Huergo 2239  
(1842) Monte Grande  
Pcia. de Buenos Aires, Argentina  
T. +54 11 4290 9940/50  
E. [info@monoflo.com.ar](mailto:info@monoflo.com.ar)

#### Australasia

Mono Pumps (Australia) Pty Ltd  
Mono House, 338-348 Lower Dandenong Road  
Mordialloc, Victoria 3195, Australia  
T. 1800 333 138  
E. [ozsales@mono-pumps.com](mailto:ozsales@mono-pumps.com)

Mono Pumps (New Zealand) Ltd  
PO Box 71-021, Fremlin Place, Avondale  
Auckland 7, New Zealand  
T. +64 (0)9 829 0333  
E. [info@mono-pumps.co.nz](mailto:info@mono-pumps.co.nz)

#### Asia

Mono Pumps Ltd, No. 500 YaGang Road  
Lujia Village, Malu, Jiading District  
Shanghai 201801, P.R. China  
T. +86 (0)21 5915 7168  
E. [monoshanghai@nov.com](mailto:monoshanghai@nov.com)

[www.mono-pumps.com](http://www.mono-pumps.com)



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