

INDUSTRY LEADING EXPERTS

AUSTRALIA'S LEADING PROVIDER OF DEWATERING,
PUMP RENTAL AND ENVIRONMENTAL SERVICES.



READY FOR RENT

PUMPS | POWER | WATER TREATMENT | WATER MANAGEMENT





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OUR OVERVIEW

NPE HAS BUILT A REPUTATION BASED ON PERFORMANCE AND SERVICE EXCELLENCE WITH AN UNWAVERING COMMITMENT TO CUSTOMER SERVICE, SAFETY STANDARDS AND A TOTAL DEDICATION TO DELIVERING EFFECTIVE SOLUTIONS.

National Pump & Energy delivers Australia's most modern pump, and power generation, along with a complete range of consulting, project, labour and specialist services to the mining, oil and gas and construction industries, with the highest levels of expertise and professionalism.

NPE excels across all areas of the pump, generator and compressor hire and sales, water management systems, dewatering, pipelines and construction, site support services, system audits and disaster recovery management.

NPE can provide a rapid service nationally for the pump, generator and compressor equipment hire, sales and maintenance for mining, construction, oil & gas, municipal and infrastructure projects.

Operating from strategically placed branches servicing projects nationwide, NPE provides industry leading knowledge and capability to deliver end-to-end project management and turn-key water management solutions.

The success of dewatering depends on accurate planning and suitable solutions. Our people, equipment and resources mean we can guarantee results while meeting and exceeding current environmental legislation.

Our teams of engineers, environmental scientists, project managers and dewatering technicians are highly regarded in their fields, and renowned for their work ethic. We operate an extensive specialist fleet of the most advanced equipment in the industry.

At NPE, our people have expert knowledge and understanding of your industry's requirements. With a celebrated track record in the general construction, civil engineering, government and mining industries.

We maintain a strong awareness of our legislative obligations and regularly monitor our compliance at both the work-site and office levels. Various private and government agencies engage NPE exclusively to assist with project feasibility studies.

Our priorities are customer satisfaction, industry innovation, safety, quality and environmental leadership.

PROFESSIONALISM AND INDUSTRY RELIABILITY

We specialise in removing the frustration of your project's water management issues and, above all, we offer unparalleled experience in the design and delivery of complex projects.



OUR TEAM

The development, growth and industry achievements of NPE are the product of a team of dedicated professionals. We are committed to investing in our people, processes and equipment.

Our workshops, testing facilities and quality management system ensure our projects are resourced with the right people and equipment with our operational delivery aiming to exceed safety, quality and environmental requirements.

The diverse NPE team comprises of; project managers, engineers, environmental scientists, dewatering and water treatment technicians, mechanics and fitters, electricians, apprentices, sales people, quality, health, safety and environment (HSEQ) professionals and administrative personnel.

With this group of experienced, highly skilled professionals, NPE has the knowledge and capability to consistently deliver results.

Our development, growth and industry achievements are the product of this team.

Our philosophy is that the standard set today should serve as a launching pad for the future, enabling us to push for stronger guidelines and standards to enhance the value of all we can offer.

NPE teams operate Australia-wide across many local, regional, and remote communities.

We are committed to supporting the communities our teams come from, and those in which we operate.

OUR CAPABILITIES

WE HAVE THE EXPERIENCE, CAPACITY AND MOST IMPORTANTLY, COMMITMENT, TO ASSIST YOU WITH YOUR PROJECT ANYWHERE IN AUSTRALIA.

Industry Leading Knowledge & Experience

Our experience, knowledge and resources ensure we deliver required outcomes whilst meeting current environmental legislation. Over time, this capability has established NPE as the unparalleled solution provider contractor in the industry.

End-to-End Project Management

Combining industry leading expertise and specialist capability, our team takes care of every element of the project, from planning and operational delivery, through to paperwork and compliance and on to results. We take on our customer's project challenge, and it comes back complete.

Turn-Key Water Management Solutions

The product we return to our customers is a complete solution, tailored to the site and environment, compliant, and delivered to ensure your project keeps moving.

We deliver complete turn-key solutions for:

- Water Management Systems
- Pump Hire & Sales
- Evaporation Systems
- Site Support Services
- Disaster Recovery Management
- Dewatering
- Pipeline & Construction
- Hydromining
- Borefield Services
- System Audits
- Flood Management

Australia Wide Capability

With multiple sites across the country and significant experience working in regional and remote areas, NPE's services are available to every project in Australia, regardless of location.

Safety & Quality Systems

NPE is committed to delivering the highest standards of Quality, Health, Safety and Environmental Management both within our business and for our customers.

24/7 Emergency Response

Our team is available 24/7 and provides technical support, after-hours maintenance, scheduled servicing and emergency response to breakdowns. NPE specialise in emergency response. We pride ourselves on having the quickest mobilisation times in the industry and our team is on call, with the experience and equipment to make a difference.

On-site Project Facilities

Where required, NPE delivers on site staff and facilities that ensure the project runs smoothly, on time and with maximum efficiency.

Environmental Compliance & Leadership

NPE can ensure environmental and discharge license applications are lodged and environmental management plans are prepared and submitted for approvals. All extracted waters are treated as per legislative requirements and sewer bypass designs are as per regulations and project deliverables with soil and water sampling completed by NATA certified laboratories.

Successful Track Record

NPE has a tested and proven track record, delivering water management solutions to a wide range of industries. Capable of providing highly technical, cost effective, and environmentally sustainable dewatering solutions nationally, the projects we have enabled are visible around the country.

Industry Innovation

NPE lead the industry and regularly set new standards for environmental management and project efficiency. We are committed to research and development, dedicated to pursuing innovation and advanced technology. We have active global research and development programs and maintain dynamic working relationships with the world's market leaders.

OUR CERTIFICATIONS

NPE'S COMMITMENT TO QUALITY, HEALTH AND SAFETY AND ENVIRONMENTAL MANAGEMENT HAS BEEN TESTED AND PROVEN.



Our Integrated Management System has been certified to ISO 9001, ISO 14001, and ISO 45001.

These certifications formally acknowledge the policies, practices and procedures put in place by NPE to ensure consistent standards of excellence in the provision of products and services to our Clients.

Quality

Service, Equipment, Systems and People are the core of NPE's management. We have a tested-and proven track record operating in the general construction, civil engineering, government and mining industries.

All direct employees and subcontractors engaged on a NPE project are fully engaged in our quality systems and are made aware of their responsibilities through company and project inductions, toolbox meetings, Safe Work Method Statements (SWMS's) and Job Safety Assessments (JSA's).



HSEQ

NPE IS COMMITTED TO DELIVERING THE HIGHEST STANDARDS OF QUALITY, HEALTH, SAFETY AND ENVIRONMENTAL MANAGEMENT BOTH WITHIN OUR BUSINESS AND FOR OUR CUSTOMERS.

Environment

NPE balances our economic and operational requirements with social responsibility, minimising any impact of business activities on the environment and surrounding communities.

Our focus when designing systems is to deliver progressive environmental improvements while integrating environmental, economic and social considerations.

NPE ensures waste generated from construction activities is managed in accordance with the principles of the Waste Management Hierarchy and legislative requirements. This is monitored and managed by the following:

STATISTICS – environmental statistics and monthly reporting

WASTES – effective waste management systems and processes

RECYCLING – commitment to recycling and segregating materials from waste

GROUNDWATER – managed through several methods including water treatment and 24/7 alarmed systems

NOISE, DUST and AIR – any emissions are monitored and managed in accordance with legislation and site specific Environmental Management Plans.

Health and Safety

Health and safety is NPE's foremost priority.

In recognition that workplace safety is more than rules and regulations, our safety procedures and policies promote a culture where safety is the first thought before undertaking any task.

Ongoing training provides our team with the best tool possible for safety management – knowledge.

NPE safety systems are in full compliance with Federal, National, State and Local Workplace Health and Safety legislation requirements.

Compliance is the base requirement and our safety processes ensure these practices translate to our daily operations. Hazard and risk assessment is a requirement of all work undertaken by NPE and includes:

- Pre-construction risk assessment
- Job Risk Assessment prior to commencing work (SWMS/JSA's)
- Workplace Inspections
- Hazard Notifications
- Incident Report Forms
- Risk Assessment Training and Reviews

HSEQ

Sustainability

NPE is also committed to the principle of sustainability; by integrating economic, social and environmental goals in our decision making activities when undertaking works and services for our clients.

To achieve our objectives and targets we;

- Provide a safe, responsive, accessible environment for employees on our work sites and offices.
- Maximise the use of renewable energy sources by identifying efficient and responsible energy management practices, including minimising carbon emissions.
- Encourage innovation and best practice sustainable design, construction and maintenance.
- Monitor emerging environmental technologies, equipment purchases and work processes relevant to our activities.
- Maintain a strong awareness of our legislative obligations and regularly monitor our compliance at both work site and office level.
- Purchase equipment that reduces energy consumption and is technologically advanced.
- Seek the use of environmentally sustainable recycled materials and reduce waste generation on all work sites and offices.
- Minimise the use of materials that deplete natural resources or create toxic pollution.
- Manage noise so that adverse impacts on properties adjoining work sites are minimised.



OUR SERVICES

WHATEVER YOU NEED.
WHENEVER YOU NEED IT.
WHATEVER IT TAKES.

Equipment Rental

NPE are Australia's pump hire and sales specialists. We provide complete pump packages, including people, products and project management, for mines, construction, floods, disasters, local councils, oil & gas and more.

NPE can assist you to customise rental solutions for any application, regardless of the size or the scope of work.

We offer self-priming contractor and dewatering pumps, standpipe pumps, flood pumps, electric, silenced canopied trailer or skid-mounted pumps.

We also offer a wide range of submersibles as a complete package with silenced generators and control panels.

Our fleet is maintained to above industry standards.

Our quality management system sets the guidelines for servicing and testing and records a full history on each individual unit for review.

Our rental fleet has been used on some of Australia's largest construction, civil and mining projects in local and remote project locations.

Our team is available 24/7 and provides technical support, after-hours maintenance, scheduled servicing and emergency response to breakdowns.

Data Telemetry

Wireless communication systems for generators and pump management enables NPE to gain access to real-time data from in-field sensors to improve on-site operations. This is of particular importance for remote locations, or projects with stringent environmental reporting guidelines.



OUR SERVICES

OUR ENVIRONMENTAL MANAGEMENT SERVICES INCLUDE SITE SURVEYS, SAMPLING, MONITORING, REMEDIATION AND TRAINING.

Water Treatment and Environmental Management

Our services include site surveys, sampling, monitoring, remediation, training and environmental management. NPE can provide assistance in project design and management, including risk management and the auditing, monitoring and assessment of environmental assets.

Our total water management processes are continuously improving as we develop new industry-leading water table management methodologies and technology.

Our national team is experienced in guiding project managers through the complex array of compliance requirements to meet specific project outcomes and comply with all relevant legislation. NPE Environmental services are bolstered by a series of strategic alliances with leaders in the environmental field.

Key Services

- Groundwater Remediation
- PFAS Treatment
- Hydrocarbon Removal
- Metals Removal
- Chemical & pH Dosing
- Sludge Processing
- Effluent Management
- Monitoring and Reporting
- Research & Development
- Hydrology Investigations
- Dewatering Management
- Surface Water Management
- Nutrient and Irrigation Management Plans
- Acid Sulphate Soils Investigation
- Due Diligence Investigations
- HAZMAT Investigations
- Contaminated Sites Remediation
- Environmental Land
- Vegetation Assessment and Clearing
- Composting and Soil Amendment



Assisted Evaporation Systems

NPE are Australia's assisted evaporation systems experts, providing innovative and effective assisted evaporation solutions and services to Australia's mining and construction industry. We are the largest assisted evaporation system hire supplier in Australia, with over 300 evaporation system units.



Hydromining

NPE are Australia's hydromining specialists for the mining and construction industries. NPE deliver complete hydromining service packages from concept to creation, installation and commissioning, operation, maintenance and reporting. Hydromining offers a superior alternative to loading and hauling material. It's fast, safe and cost effective, making it a popular option for many operations and situations in the mining and construction industry.

OUR SERVICES



Dewatering

NPE provides a full range of dewatering services to the civil, construction and mining industries. This includes dewatering of groundwater, wellpoints, deepwells, open cut mine pits, underground mines. We do it all, right around Australia.

NPE offers turn-key solutions for dewatering and pumping projects.

From a major construction project to basic minor contracts, we take the hassle out of your site's water management needs by providing the expertise required to get the job delivered.

NPE specialise in end-to-end project management. This includes preparation of dewatering management plans tailored to each job, obtaining extraction and discharge licenses, risk management, installation and the operation of dewatering, sewer bypass and water treatment equipment.

We include the provision of compliance reports for local, state and federal governments to ensure that all environmental laws and regulations are met. The dewatering process begins with assessment of site soil conditions. Designs are formulated that include methodologies for the drilling of bore wells, complete system installation and commissioning.

NPE has completed many projects where we have designed, drilled, and installed dewatering systems. We specialise in the design, supply, and install of a variety of dewatering systems including:

- Wellpoint dewatering
- Sump dewatering
- Deep well dewatering
- Open pit dewatering
- Horizontal dewatering



Bypass

At NPE, we have the best specialist pump equipment for bypass works, including silenced diesel driven units and electric submersible pumps. Our knowledge and experience, ensures effective performance, every time.

NPE is a bypass pumping and system solutions provider to the water and wastewater industry.

Providing bypass systems that allow sewerage services to operate during rectification works is essential. NPE deliver a market-leading approach in providing bypass system solutions.

Undertaking a detailed review of each project scope of works, we work closely with our clients to ensure all aspects of the job are addressed, including flow gauging and calculating system trends and risk.

NPE can prepare reviews of the pump system duty and preparation of flow management plans compliant with Shire or Council requirements.

Sewer bypass systems can be commissioned with online telemetry and SMS text alarms to our 24/7 monitoring team. Emergency response plans guarantee immediate response and effective resolution of any unexpected issue.

OUR SERVICES



Borefield Pump Hire Services

NPE provide a complete range of bore pump hire equipment for borefield pumping, pipeline and monitoring services and capabilities to Australia's mining, construction and agriculture industries. We have the people, products and expertise to deliver you solutions exceeding your expectations.

Our strategic partnerships with internationally recognised pump suppliers and manufacturers, guarantees the quality and accessibility of the specialised products and parts you need, to get the job done.

NPE deliver turnkey Borefield Pump Hire solutions to our customers, covering everything from design and construct, to install and maintain, operate and decommission. Our borefield services include:

- Abstraction and reinjection equipment
- Installation, testing, commissioning
- Electrical services (licensed professionals)
- Complete head works packages
- Full system design – customized to suit need
- Monitoring and maintenance
- HDPE pipeline and component design, supply & install

Pipelines & Construction

NPE deliver complete package solutions covering everything from design and construction to installation and maintenance, including transport, handling and earthworks, operate and decommission. We have one of the largest HDPE welding machine fleets in Australia.

The fleet of welding machines extends from traditional manual, manual and electric hydraulics to remote-controlled and self-propelled units that enable low and high-pressure welding.

Our extensive equipment fleet includes mega polyhorse pipe racking systems, tracstar welding machines, generators, excavators, teleporters, skid steers, crane trucks, extendable, tipper and road train configurations. We're also Heavy Vehicle Accredited, permitting the transportation of over length pipe deliveries. NPE can customise solutions for your site and project.

OUR SERVICES



Flood & Disaster Management

At NPE we understand that when disaster strikes, you need a fast and reliable solution. With our extensive equipment fleet and experienced team, we will provide you with peace of mind that the job will get done efficiently and effectively. NPE are the flood and disaster management experts, we won't let you down. We have repeatedly demonstrated our capability at fast response and deployment, remote site activation, efficient and reliable product and people implementation and crisis resolution.

Not only do we expedite the process in an emergency, we eliminate the need for you to purchase and maintain expensive, specialised equipment, which may sit idle for long periods. We carry an extensive range of high flow pumping equipment and generators of all sizes, backed up by our technical team, who will find the optimal emergency power systems or pumping solutions for the situation.



Oil & Gas

NPE are recognised as a key supplier to the oil and gas industry. We supply superior, fit for purpose oil and gas equipment, designed to meet the demanding international standards of the industry. We have demonstrated capabilities and experience at a range of locations and countries, including offshore platforms and installations.



OUR EQUIPMENT

Our extensive, reliable range is available nationwide for projects of every size, budget and time line and our team of rental specialists have the experience and knowledge to provide the right advice to get your job done.

NPE rental fleet is rigorously maintained and is one of the largest in Australia. Other rental items include water treatment equipment, tanks, dewatering systems, pump accessories and other general plant equipment.



Our pump rental fleet is one of the largest in the country and designed to meet a diverse range of applications in the general construction, civil engineering, government and mining industries.

Our pumps are available for both individual customer hire, and offered as packaged solutions for complex dewatering, water treatment, water transfer and supply applications.

Dewatering Pumps – Diesel

Silenced and self-priming pumps.

Dewatering Pumps – Electric

Including silenced units.

Trailer mounted pumps light-weight, manoeuvrable units designed to meet almost any project application. Trailers are road registered and suitable for towing.

Sewer & Wastewater Pumps

Diesel and electric pumps available to meet the requirements of sewer bypass. Pumps can be commissioned with online telemetry and SMS text alarms, notifying an on-call monitoring team.

Remote Pontoon & Transfer Pumps

Ideal for floating electric and diesel operated pumps. Our team of experts can design and engineer a solution for specific project applications.

Submersible Pumps

Suitable for sewer bypass, construction site dewatering, mining and quarrying applications. Submersible pump options are built with stainless steel and cast iron for guaranteed durability.

High Head Pumps

Compressor primed units suitable for a range of projects including contract mine and construction dewatering as well as irrigation and jetting applications.

Diesel & Electric Centrifugal Pumps

Our range includes silenced units, ideal for all applications including construction and mining projects.

Bore Pumps

Suitable for rural irrigation, mining, construction and potable water supply.

NPE generators are reliable units maintained to the highest standard and suitable for all applications. Generators are skid mounted and designed to be easy and safe to manoeuvre with forklift pockets and central lifting lug points. Accessories or modifications are also available on request.

OUR EQUIPMENT

NPE offers a complete range of water treatment equipment.

When matched with our industry leading environmental expertise, delivery of water treatment solutions will exceed compliance requirements of your project.

Chemical Dosing Units (CDU)

pH correction systems used to treat groundwater with high or low pH and TTA levels. Our CDU's are fully automated, compact and smart wired with treatment results remotely accessible. Units can be custom built to suit specific project requirements. Solar powered systems are available.

Metal Removal Modules (MRM)

Custom-built water treatment system used to remove excess iron from extracted ground water prior to it being discharged to the environment. The MRM system effectively removes contaminants like Manganese, Zinc, Arsenic and other heavy metals.

Sandtraps and Clarifiers

Designed to significantly speed-up settling time for sediment impacted water. A simple and highly efficient water clarification system. Suitable for the removal of silt, sand and other solids at flow rates up to five litres per second. Ideal for project sites with space restrictions, with web based remote access, remote adjustment and 24/7 monitoring.

Sludge Presses

The sludge processing unit (SPU) used by NPE to maximise water recovered from liquid sludge. This increases overall efficiency and decreases waste cost by reducing the overall volume of sludge and solids requiring disposal. Compact and capable of use as a standalone unit or within a multiple treatment unit system.



PH Dosing Units (PDU's)

Designed to achieve accurate pH dosing control for sites with space restrictions. They are small units, occupying minimal footprint. They are equipped with portable emergency eye wash stations.

PFAS Treatment

Using specialised technology, NPE offer a proven solution for the decontamination of PFAS using a staged, purpose built filtering process which considers not only removal of the listed PFAS compounds but also the waste generated. Hydrocarbon removal solutions should be considered when PFAS contamination is present, as hydrocarbons may also need to be addressed. NPE provides hydrocarbon removal systems which can be installed as a modular system or specifically designed for project requirements.



**ADELAIDE | BRISBANE | DARWIN | KALGOORLIE | KARRATHA | MACKAY | MT ISA
MELBOURNE | NEWCASTLE | PERTH | PORT HEDLAND | SYDNEY**

National Pump & Energy branch network is strategically positioned to service all parts of Australia. These hire branches are supported by a team of NPE representatives and field service crews so that every part of Australia has access to the best equipment and service, regardless of location.

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