PROTERRA WASTE



Waste Management

Far too often we see Councils stuck with over-the-top Waste Management plans developed by large consultancies who do not understand rural and regional areas.

Proterra Group specialises in supporting regional Councils to successfully manage all aspects of waste facility management and operation.

LEARN MORE

WWW.PROTERRAGROUP.COM.AU

SUPPORTING OUR REGIONAL COMMUNITIES

ABOUT PROTERRA GROUP

Established in regional Queensland in 2008, Proterra Group is proud of our history of **supporting and strengthening communities** across regional Australia.

We have around 100 employees with permanent offices in Goondiwindi, Toowoomba and Quilpie and contracts to manage 17 Waste Facilities throughout Regional Queensland.

Proterra Group offers a wide variety of services when it comes to Waste Management in regional Australia.

Not only can we manage and operate your facilities for you, but also provide a range of consultancy services to improve the effectiveness and efficiency in managing waste in your Council area.

CORE COMPETENCIES

- Waste management strategic planning, training and education
- Waste management plans & licensing
- Waste facility design
- Environmental compliance
- Operational management of landfills, weighbridges, resource recovery areas and transfer stations

WHY PROTERRA GROUP?

Work with Council with the highest professionalism

Highly experienced, with 17 Waste Facilities we operate across Regional Australia

Compliant in every aspect with DETSI Audits

Constantly changing and ever evolving - we're on top of it

Employ and work with locals

Providing a range of support including Design, Environmental & GIS to support to Waste Operations

2 Aubigny Street (PO Box 208), Toowoomba QLD 4350
31 Glasser Street (PO Box 1273), Goondiwindi QLD 4390
30 Brolga Street, Quilpie QLD 4480
http://www.proterragroup.com.au/
(07) 4671 5701
admin@proterragroup.com.au

Supporting our regional communities

RELEVANT PORTFOLIO PROJECTS

Waste Facilities:
Goondiwindi Waste Facility Inglewood Waste Facility & Transfer Station
Referee: Jason Quinnell | Director Community and Corporate Services

Proterra Group have been providing operational staff and management of the Goondiwindi Landfill for the last seventeen (17) years.

We are currently under contract to Goondiwindi Regional Council for thirteen (13) years of management and operation of the Goondiwindi Waste Facility and are currently running the operation of the Inglewood Waste Facility. Proterra Group were instrumental in the implementation of new software for the Goondiwindi Regional Council's weigh bridges, to ensure a smooth transition to the State Waste Levy. As part of our services, we provide all key data for the monthly Queensland Waste Data System (QWDS) return in addition to the collation and keying of the Yearly Summary Return to the Department of Environment, Tourism, Science & Innovation (DETSI).

The Goondiwindi site receives the waste collected in the kerbside collection vehicles, as well as self-haul waste from domestic and commercial residents. The site is open seven (7) days per week and has a weighbridge that is permanently manned. The site comprises a weighbridge, a drop-off area for resource recovery, a saw-tooth transfer station, bulk stockpiles for green waste, scrap steel and concrete and an active landfill. The Inglewood site receives predominantly domestic waste via the Transfer Station, with the weighbridge open to commercial customers on Wednesdays.

The site comprises a weighbridge, a drop-off area for resource recovery, a saw-tooth transfer station, bulk stockpiles for green waste, scrap steel and concrete and an active landfill. In addition to the provision of operation and management of the landfill Proterra Group has completed survey and design works for a new landfill cell upgrade, closure plans, and fill plans for the next twenty (20) years.

Waste Facilities:
Longreach Waste Facility
Referee: Tony Rayner | Mayor

Proterra Group has held the operation and management contract for the Longreach Waste Facility since May 2015.

Upon taking over operations of the site, Proterra Group engaged in a major clean-up, including survey, organising of scrap metal clean-up, redistribution, and separation of landfill recycling areas.

We have developed site-specific management and closure plans to assist Council in meeting its licence requirements. Ongoing site operational duties include, but are not limited to:

- Compaction and covering of waste daily at the tip face;
- Ensuring the facility is maintained in a clean and sanitary condition, including maintaining office facilities and site litter control;
- Opening and closure of the facility at the designated times;
- Ensuring that waste is disposed of by the public in the appropriate area and the waste streams are kept free from contamination;
- Maintain a good balance of customer service to residents together with clear direction as to their responsibilities; and
- Meeting the conditions of the Council's Environmental Authority under the Environmental Protection Act (1994).

RELEVANT PORTFOLIO PROJECTS

South Burnett Regional Council

Operation of Landfills in Kingaroy, Nanango, Wondai and Murgon

Operation of Transfer Stations at Wattlecamp and Blackbutt

Proterra Group provide the following Landfill Operations Services at these four Landfill Sites. Provision of Contractor Personnel and Contractor Equipment to operate, manage and maintain the operation:

- Filling of the Landfill Cells consistent with Fill Plans most efficiently and effectively;
- Push up of the stockpiles at the Bulk Stockpile;
- Management of the Site in accordance with Site Based Management Plan and Approvals;
- Environmental management and compliance of the Site, including sediment and erosion control, dust suppression, noise control, sediment retention ponds, Leachate management system, odour, pest and vermin control, minimising uncontrolled release of Landfill Gas, Firebreak access to environmental monitoring points and the Queensland State Waste Levy requirements;
- Undertake housekeeping, litter management and quality control at the Site;
- Source and train Personnel to attend the Sites including site supervision; and
- Assist Council to achieve its waste minimisation strategy aims of diverting commercial and domestic waste otherwise intended for landfill, ensuring this is collected, sorted, recycled and reused.

For the two transfer station sites, Proterra Group's Role is:

- Management of the Designated Area at the Site to encourage and where necessary, assist Customers to actively separate loads into Recyclables, re-usable products and products that may have a resellable value to improve Council's waste diversion;
- Supervision of the Bulk Stockpile Area; and
- Undertake housekeeping and maintenance at the Sites.

Balonne Shire Council

Operation and Management of St George Landfill

Referee: Di Fransisco | Manager of Environmental Services

Provision of Contractor Personnel and Contractor Equipment to operate, manage and maintain the operation of the Landfill:

- Filling of the Landfill Cells consistent with Fill Plans most efficiently and effectively;
- Push up of the stockpiles at the Bulk Stockpile areas;
- Management of the Site in accordance with the Site Based Management Plan and Approvals;
- Environmental management and compliance of the Site, including sediment and erosion control, dust suppression, noise control, sediment retention ponds, leachate management system, odour, pest and vermin control, minimising uncontrolled release of Landfill Gas, Firebreak access to environmental monitoring points and the Queensland State Waste Levy requirements;
- Undertake housekeeping, litter management and quality control at the Site;
- Assist Council to achieve its waste minimisation strategy aims of diverting commercial and domestic waste otherwise intended for Landfill ensuring this is collected, sorted, recycled and reused;
- Management of the Designated Areas at the Site to encourage and where necessary, assist Customers to actively separate loads into Recyclables, re-usable products and products that may have a resellable value to improve Council's waste diversion; and
- Operation of the Weighbridge once constructed.

RELEVANT PORTFOLIO PROJECTS

Waste Facilities:
Charleville Landfill
Referee: Shaun Radnedge

Proterra Group was awarded the Charleville Landfill Operation Services contract in late 2022. The scope of works includes Landfill Upgrade Services, Facility Supervision and Landfill Operation Services.

The Charleville Landfill is the principal waste facility for Council and is the only landfill for the Shire Currently the site is spread over 20 hectares with large stockpiles of waste covering the site. Infrastructure on site is limited to site buildings including the gatehouse and amenities block and site fencing. There are stockpiles of recyclables and two landfill cells for commercial and domestic solid waste.

The site accepts a range of waste including general waste, green waste, construction and demolition waste, recyclables, waste oil, whitegoods, lead acid batteries, gas bottles, scrap metal waste, garden waste, concrete waste, timber waste, quarantine waste, insurance and police burns, asbestos, and dead animal burial. The scope of our daily operations at the Charleville Landfill includes:

- Supervision of all customers entering the site;
- Supervision of the reception, storage, and removal of waste;
- Monitor compliance with the waste acceptance criteria at the specific disposal points within the site;
- Manage any emergencies or incidents that occur;
- Maintain the facility to an acceptable environmental standard; and
- Operate plant and equipment at the site to handle waste disposal and covering.

Whilst our Waste Team are conducting the Facility Supervision and Landfill Operation, our Civil Engineering team are working on the Landfill Upgrade project.

The initial scope of this project includes providing a design for the Waste Transfer Facility and Landfill Upgrade.



RELEVANT PORTFOLIO PROJECTS

Waste Facilities:
Mundubbera Waste Management Facility
Referee: Rachael Duncan | Environment Stream Leader

Proterra Group was awarded the Mundubbera Waste Management Facility contract in late-2022.

The Mundubbera Waste Management Facility is the principal waste facility for Council and is the only Landfill for the Region.

The site is located on 59 acres of freehold land that has previously been cleared and is owned by the North Burnett Regional Council. The site is south of the Burnett River approximately 2.5km by road from the centre of Mundubbera township.

To date only the eastern third of the site has been developed for use in waste management operations, this is approximately 22 acres. The development of the site includes security fencing, weighbridge, site buildings, stockpiles for recyclables, a Landfill Cell for Municipal Solid Waste (MSW) and a dam located in the southeast corner of the site.

The site accepts a range of waste including domestic waste, commercial waste, domestic clean-up waste, construction waste, industrial waste, garden waste, putrescible waste, solid inert waste and certain regulated waste.

The scope of our daily operations at the Mundubbera Waste Management Facility include:

- Receiving and inspecting loads of waste and recyclable materials entering the site;
- Collecting Council Fees and Charges at the Gatehouse;
- Directing customers to the drop-off areas, Transfer Station or Landfill active face;
- Inspection of loads to ensure there is no disposal of any prohibited waste;
- Prohibit scavenging at waste facilities except in authorised circumstances (tip shop). Filling and compaction of waste into Landfill Cells;
- Management of windblown litter;
- Management of the bulk stockpile area for green waste, scrap steel, concrete and other materials as required;
- Coordinating the handling, processing and on or off-site resource recovery of scrap metal, concrete, waste oil, household hazardous wastes and other materials;
- Coordinating and managing the periodic mulching of green waste;
- Environmental management of the Site, including sediment and erosion control, dust suppression, noise control, leachate management system, odour, pest, and vermin control and minimising uncontrolled release of landfill gas; and
- Vegetation management, including mowing and slashing of all grassed areas, weed control and maintenance of all trees, shrubs and garden beds.





KEY PERSONNEL



Anni Colbran
Waste Manager
anni.colbran@proterragroup.com.au
0447 404 150



Spencer Hodge
Operations & Environmental Services Manager
spencer.hodge@proterragroup.com.au
0403 766 857

PEOPLE

Our key personnel are supported by a Waste Management team including:

- Waste Managers
- Plant Managers
- Waste Facility Operators
- Weighbridge Operators

HEAVY PLANT & EQUIPMENT

- Caterpillar 825C Compactor
- Caterpillar 826C Compactor
- Caterpillar 826G Compactor
- Caterpillar 816K Compactor
- Caterpillar 928G Front End Loader
- Caterpillar 320FL Hydraulic Excavator
- Caterpillar 930H Wheeled Loader
- Caterpillar 953K Track Loader
- Caterpillar 963C Track Loader
- Caterpillar 730 Articulated Dump
- JCB 3CX Sitemaster
- JCB 5CX- PRO Backhoe Loader
- JCB 3CX-ECO Backhoe Loader
- Kubota U55-4G Excavator
- Hino Water Truck, Isuzu Hook Truck, Generators, Fire Fighting Trailers, Bin Lifter, Litter Master 9000 Vacuum & trailer and Waste Lids

Our plant and equipment management are supported by an ISO certified integrated management system with the system ensuring that Proterra Group assets are proactively maintained according to the manufacturer's specifications.

CERTIFICATIONS & MEMBERSHIPS

LAWMAC local authority waste management advisory committee

WMRR WASTE MANAGEMENT & RESOURCE RECOVERY ASSOCIATION AUSTRALIA

GRS QUALITY ENVIRONMENT SAFETY

PRE-QUALIFIED SUPPLIER local buy

RELATED SERVICES

Engineering | Major Projects | Spatial | Environmental

Get in touch

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