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## Hazardous Waste Solutions

# PILBARA REGIONAL WASTE MANAGEMENT FACILITY

Pilbara Regional Waste Management Facility (PRWMF) is an integrated waste management facility that will offer hazardous waste solutions to the Pilbara region. Located 36km south of Onslow, Western Australia, it consists of a green waste facility, construction and demolition facility, liquid waste facility, tyre mono-cell and a Class IV landfill.

Pilbara Environmental Service (PES) will operate the class IV landfill on behalf of Shire of Ashburton. PES have the experience and technical expertise to innovatively manage, collect and treat hazardous, chemical, and other complex waste. We're a waste management provider of choice generating superior value and sustainable solutions for our customers, shareholders, communities, and the planet.

**PILBARA**  
environmental services  
A Cleanaway – Kingkara joint venture

  
shire of Ashburton  
opportunity to community

**To West Australian industry and government, Pilbara Regional Waste Management Facility is a unique facility for the Pilbara region.** It's operator Pilbara Environmental Service has the experience and technical expertise to innovatively manage, collect and treat hazardous, chemical and complex waste streams, while exceeding customer service and safety expectations.

## Class IV landfill

**Operated by PES, the Class IV landfill will be that only one of its kind in north west Australia that will provide a solution for hazardous waste streams in the Pilbara region.**

A key element of the landfill is the double composite lined cell that can accept up to Class IV waste materials. The double lining system includes a primary barrier and leachate collection system overlaying a leak detection layer. The Class IV landfill will also include a multi layered capping system to encapsulate the waste after filling as well as environmental management systems for leachate, stormwater and landfill gas. The Class IV will be developed in accordance with best practice landfill guidelines and will accept:

- Contaminated soils and sludge
- Treated Timber- including power poles
- Special waste type 1- Asbestos contaminated material
- Special waste type 2
- Special waste type 3 - Per- and poly-fluoroalkyl substances (PFAS)



## About PES

We're a fully incorporated joint venture bringing together the Kingkira Group, an established and respected traditional owner business with connections to both the Nyiyaparli and Palyku people and links to Kariyarra and Ngarluma people, and Australia's largest national waste management, environmental and industrial services provider Cleanaway Ltd.

The 50/50 ownership structure of the joint venture provides customers an opportunity to engage directly with a local aboriginal business, one that has its roots firmly grounded in the Pilbara and is able to deliver local expertise, equipment, facilities and people whilst fully supported by the country's largest publicly listed waste management business.

## Class V waste

**Waste streams that exceed contaminant thresholds for Class IV are considered Class V.**

In some cases, Class V waste can be immobilized or encapsulated through various treatment processes enabling the waste to be disposed of in a Class IV landfill.

PES can develop procedures for in-situ macro/micro - encapsulation of Class V wastes which then will be approved by the Department of Water and Environmental Regulations. Quotes for this work can be provided upon request by the PES's Environmental and Technical Manager.

## Why choose PES



### **TOTAL WASTE MANAGEMENT SOLUTION**

We offer total waste management solutions and manage the process from initial collection to the final disposal.



### **TECHNICAL EXPERTISE & EXPERIENCE**

PES has industry experienced, tertiary qualified chemist and operators.



### **KINGKIRA GROUP 100% ABORIGINAL FEMALE OWNED BUSINESS**

Creating local opportunities and engaging local traditional owner companies for contract work.

Assisting and supporting new startup aboriginal business.



### **FULLY COMPLIANT**

PRWMF has secured all state government and local government approval for the Class IV landfill.