



Somersby Drill Mud and Oily Water Recycling Facility Fact Sheet

About The Development

Lawsan Property Holdings Pty Ltd proposes to develop a best practice drill mud and oily water recycling facility within the Somersby Industrial Park.

The facility will receive up to 100,000 tonnes of drill mud per year from the civil, construction and mining industries, and 50,000 tonnes per year of oily water from mechanic workshops, service station forecourts, and car and truck washes for recycling.

Is the waste or recycling process dangerous?

No. The additives present in drilling fluid and the geological formations being drilled affect the chemical composition of the drill mud. Some drill mud has very low toxicity and contains biodegradable additives that have minimal environmental impacts. These drill muds are often disposed of directly to the land near the drill site. Other drill muds can contain heavy metals, hydrocarbons, bactericides, and biocides which have the potential to cause environmental or health impacts if released in an uncontrolled way in the environment.

Similarly, the oils, grease and hydrocarbons recovered during the oily water separation process can have environmental and human health impacts if released into the environment.

The equipment used for the recycling of both liquid waste streams occurs within a fully enclosed processing system, to minimise the risk of spills or impacts on air quality.

All recovered water and soil will be temporarily stored on-site to be tested for contamination. Only water that meets the criteria set by the NSW EPA and the local water authority will be discharged to the sewer system. Soil that meets the criteria set by the NSW EPA will be on-sold for use as fill material in construction projects. Any water or soil that does not meet the criteria will be processed through the facility again, or will be transferred to a facility that can lawfully treat or dispose of the contaminated material.

Current Status Of The Project

A scoping report has been prepared to obtain the Secretary's Environmental Assessment Requirements (SEARs) under Section 5.16 of the Environmental Planning and Assessment Act 1979.

Lawsan Property Holdings is seeking community feedback on the proposed development prior to lodgement of the SEARs.

Any feedback received from the community will be included in the Environmental Impact Statement and development application. Please see the last page on how to provide comment.

Why is the development proposed?

At present, there are no facilities licensed to recycle oily water or drill mud within the Central Coast region.

These liquid wastes require transport to Newcastle, Bathurst, or Sydney for processing at great cost. Providing a local solution will considerably reduce costs associated with the recycling of these liquid wastes, and reduce the environmental impacts and risks associated with long-distance haulage.

Will Neighbours Be Affected?

Neighbours should not be affected by the proposal.

A detailed Environmental Impact Statement will be prepared for the development application. This will assess traffic and access, hazards and risks, noise, air quality, hydrology, soils and water, waste, biodiversity, heritage and visual amenity issues associated with the proposal. The investigations will identify measures to avoid or minimise impacts on human health or the environment.

The proposed recycling facility will be located within the Somersby Industrial Park in close proximity to a range of manufacturing and warehousing premises. One residential property is located within 500m of the proposed recycling facility and direct consultation with the affected residents will be ongoing throughout the project development.

Other rural residential properties are located more than 500m from the proposed facility and are unlikely to be negatively impacted.

A noise and vibration assessment, including noise modelling, will be conducted environment to assess noise emissions to the surrounding.

An air quality assessment will be conducted to assess dust and odour impacts on the surrounding environment. However, these emissions are expected to be negligible.

A range of voluntary measures will be implemented to ensure the site continuously operates within relevant noise and air quality standards. Impacts on nearby residences are expected to be negligible.

How Will The Project Benefit The Local Community?

This facility will provide a service not currently available within the Central Coast region. The provision of a local, cost-effective solution for the management of drill mud and oily water will have significant economic benefits for local industrial operators, particularly smaller operations such as mechanical workshops.

By reducing the costs associated with waste disposal, the instances of illegal dumping or discharge of contaminated liquid wastes to sewer and stormwater will be reduced.

The proposal will create more than 10 ongoing jobs and will involve a capital cost of more than \$5M.



How Will The Local Environment Be Protected?

The facility will include the following controls to protect the environment:

- » Processing using best-practice technology within an enclosed building;
- » Full internal bunding within the building to capture any spills;
- » The outdoor hardstand will be constructed from concrete to prevent any spills impacting underlying soils and groundwater;
- » Isolation valves fitted to the stormwater system to prevent contaminated water leaving the property in the event of a spill; and
- » A detailed Environmental Management Plan will guide all operations to ensure best-practice environmental protection measures are implemented.

Who is assessing the application?

The consent authority for the development will be the NSW Minister of Planning.

An artist's impression of the proposal is shown in this fact sheet.

How Can I Provide Feedback?

You can provide your feedback about our proposed development by contacting Jackson Environment and Planning Pty Ltd



admin@jacksonenvironment.com.au



02 8056 1849

We greatly appreciate your feedback on this project which will benefit both the environment and the local economy.

Want More Information?

A detailed scoping report is available from the Jackson Environment and Planning Pty Ltd web site,

<http://www.jacksonenvironment.com.au>.



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