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WILLIAMS PLANT HIRE LTD

Aberbechan Wharf

Newtown

Powys

SY16 3AW

## NON TECHNICAL SUMMARY

CEC/WPH/App/001

### **CERI ENVIRONMENTAL CONSULTING LTD**

*Specialists in Waste & Environmental Management*

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## 1.1 INTRODUCTION

Williams Plant Hire Ltd have operated a waste transfer station for household, commercial and industrial wastes since 2004 under Environmental Permit EAWML47128. This is an old style permit which has many references to a working plan. This is an existing site which operates under the existing permit and some registered exemptions. The site is situated at Aberbechan Wharf, Newtown, Powys, SY16 3AW. The site is in a rural area with the closest residential properties being approximately 100 m from the operations. The site is bounded to the North by the Montgomery canal and to the East by the river Severn.

The site takes wastes in and depending on the waste type it will be processed in the building where initial sorting takes place followed by processing in a trommel into different materials. These are then bulked up for either storage prior to being sent off site either for further re-processing or to landfill. For some wastes these will be stored and treated in the bays, or loaded into containers and stored in the buildings. This variation is for the increase of the site area to use the hardstanding available for the storage and processing of inert type wastes (listed as specified wastes in the Operational Techniques document).

The variation is also for slight changes to the list of waste types along with the addition of the R5 recycling code. In addition to the mechanical treatment currently permitted the variation is also to allow for baling of paper and cardboard and the chipping and shredding of wood and green waste. The permitted list of wastes have been split into 2 tables with table 1 being all the permitted waste types and table 2 which consists of waste suitable for storage and processing on hardstanding and outside of the sealed drainage system which is in the existing building. The permitted activities requested which clarify the treatment activities are detailed in Operational Techniques – CEC/WPH/App002, which is submitted as part of this variation application. The variation has been requested to increase the site area, revise the waste codes and to have modern style conditions referring to an Environmental Management System, which will replace the existing working plan.

## 1.2 RISK ASSESSMENT

An environmental risk assessment has been carried out to assess the impact that the new site operations will have on the surrounding area and on protected habitats sites. The control measures in place will allow operations to be carried out in a manner, which will not cause problems for neighbouring business, housing or harm to habitats sites. The site has a relatively small throughput and less than 24,999 tonnes per annum will be accepted at the site. The storage capacity of combustible wastes is low and the specified wastes stored outside have a low pollution risk.

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### List of Receptors Identified

Receptor	Distance from site metres
Businesses	Adjacent the plant hire yard owned and operated by Williams Plant Hire Ltd
Local Housing – Aberbechan	100m
Surface waters	Within 5m of the River Severn and 5m from the Montgomery Canal, although the canal is higher than the site surfacing.
Groundwaters	Outside Source protection Zone
Montgomery canal SPA/SSSI site	5 m

The site is located in a predominantly rural area and the risk assessment has concluded that there is a Low or Very Low risk of the site causing harm to the local environment due to the mitigation and management measures in place.

### 1.3 Environmental Management System (EMS)

An in house Environmental Management System (EMS) has been developed for the operations at the site. It details how pollution control measures are to be applied and monitored. As the site develops the EMS will be reviewed and amended as necessary. The EMS includes procedures to cover waste acceptance, waste rejection and measures to monitor the site for dust, noise, mud and debris being tracked out and a daily inspection regime to record any issues arising. In addition the system includes staff training to ensure that the system is implemented fully.

The EMS has comprehensive procedures to ensure that the mitigation measures identified in the Environmental Risk Assessment will ensure that the site does not pose a threat to the environment.

A Fire Prevention Plan has been developed for the site and this forms part of the EMS and will also be reviewed and updated as required. This plan details how waste will be stored and how any fires will be dealt with to reduce the impact on the local environment and the public. By storing the wastes in a manner where there is little chance for a fire to spread and by keeping the stockpile sizes low the measures will keep the impact of any fire to a minimum. Any additional facilities and increases to the storage capacity to be developed at the site will require the FPMP to be reviewed and amended with agreement with NRW.

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### **Summary**

The variation will allow the site to expand and increase recycling rates by being more efficient. The risks assessed have shown that the changes to the permitted area will not have any additional risks associated. The additional wastes types are very minor changes and will not increase the risk of pollution at the site.