

# OSCAR FAMEY REVISED PROJECT SUMMARY

LUMBERYARD WITH PROCESSING



## O. FAMEY LUMBERYARD: REVISED PROJECT SUMMARY



Figure 1: Map showing location of facility



Figure 2: Map showing surrounding land uses.

**Potential Environmental Impacts and Mitigation Measures**

Potential Environmental Impacts	Proposed Mitigation Measures
<p><b>Air Pollution</b> - The lumberyard (with Processing) has the potential to release pollutants such as dust, soot, Volatile Organic Compounds (VOCs), greenhouse gases, noise, vibrations, etc.</p>	<p>The following mitigation measures will be employed:</p> <ol style="list-style-type: none"> <li>1. It is expected that small volumes of <b>sawdust and shavings</b> will be generated since processing will be done based on customers' orders. However, these will be removed from the floor by spading it up and placed in polystyrene bags at the end of each working day for collection by poultry farmers;</li> <li>2. <b>Soot</b> will be generated from the generator when in operation. The generator will be placed in a generator room with concrete flooring and will have a prefixed exhaust stack extending two (2) metres above the tallest building;</li> <li>3. <b>VOCs and greenhouse gases</b> will be emitted from the use of fossil fuel which is used by the generator to provide energy to the facility. The generator will be serviced in accordance with the manufacturer's instructions and will not be operated twenty-four hours, seven days per week. It is also intended to use solar lights as security during the nights.</li> <li>4. <b>Noise and vibrations</b> will be generated from the generator, planer and an edger on site. To mitigate this, the equipment will be placed on concrete surfaces to minimize the emissions of vibrations into the environment. Each equipment will be equipped with the relevant mufflers and silencers to reduce the emissions of noise into the environment. Used tyres will be utilized to help reduce vibrations and noise that may occur during the offloading. The lumber will be sorted for pre-order and will be placed on dunnage/sticker. The remainder will be placed on the racks/shelves.</li> </ol>

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1. Shavings and sawdust generated will be collected at the end of each working day and collected by poultry farmers.
2. The wood ends and strips will be collected by the dog food vendors.

It is anticipated that not all the wood waste will be removed by interested persons and an alternative use of the material is landfilling.

Municipal Waste is the grey water and sewage that will be generated from the workers and customers and will be discharged into an existing septic tank. The septic tank is accessible for cleaning and will be emptied when filled by a solid waste disposal service.

Other: The worn-out blades and chainsaw chains will be collected by the waste disposal service.

**Hazardous Waste**

The hazardous waste that will be generated from the operation of the facility is waste oil. Approximately 2-3 gallons of waste oil will be generated from the servicing of the generator and chainsaw, the servicing of the generator would occur after 250 hours of operation while the chainsaw will be serviced monthly. The waste oil generated will be collected and stored in a five (5) gallon plastic pail and the lid of the pail will be tightly locked to prevent accidental spillage. The waste oil will be reused on the chainsaw.

No chemicals nor preservatives will be stored or used onsite.

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