

1.Introduction

An Environmental Management Plan is a written document with the purpose to provide mitigation measures and principles for the management of sites in order to reduce potential impacts to the environment and receptors in a sustainable and economically viable way. A well-developed Environmental Management Plan, together with proper monitoring and record keeping of implementation, will result in improved environmental performance.

This Environmental Management Plan has been developed for the handling and production of plastic pellets and will cover the following items:

- Health and Safety
- Training and Awareness
- Emergency Response
- Fire Prevention and Control
- Raw materials delivery
- Effluent Handling and Storm Water Management
- Transportation and handling of pellets to the harbor
- Waste Management

ASPECTS	MITIGATION MEASURE	RESPONSIBILITY
SEWAGE AND EFFLUENT	The proponent shall ensure that there are adequate means for handling the large quantities of sewage generated by the units being directed to the sewer line	PROPONENT
FIRE PREVENTION	<ul style="list-style-type: none"> ▪ All fire control and fighting facilities shall be installed following county government fire master's requirements and approval. ▪ The dwellers shall be encouraged to be aware of requisite actions basic first aid to take in case of fire outbreaks. ▪ The proponent shall ensure that all firefighting equipment are strategically positioned, regularly maintained and serviced . 	MANAGER,PROPONENT
SECURITY	Security of the site and those working and living within is of utmost significance. The house-for gourds within the facility must be assured of their security at all times.	PROPONENT

Aspect	MITIGATION MEASURE	RESPONSIBILITY
RAW MATERIAL DERLIVERY	<ul style="list-style-type: none"> ▪ Proper training should be given to employees for proper handling of raw materials during delivery. ▪ An amount of raw materials imported should be limited depending on the space of storage provided at the ware house. 	Proponent and manager
Pellets transportation and handling during operation	<ul style="list-style-type: none"> ▪ Well packaging strategies should be put in place and well maintained to prevent leakage of pellets during transportation. ▪ Use good quality packaging materials that wont easy burst 	Manager /proponent
Training and awareness	<ul style="list-style-type: none"> ▪ Proper training should be given to all employees on machine operation as well as pellets, before starting with the contract. 	Proponent
Solid waste management	<ul style="list-style-type: none"> ▪ The proponent and municipality shall work hand in hand with private refuse handlers and local authorities to facilitate dust bins waste management. ▪ The wastes shall be properly segregated and separated to encourage recycling of some useful waste materials. ▪ Employ integrated solid waste management system through a hierarchy options: source reduction, recycling, composting and refuse. This will facilitate handling during occupation. 	Management, and proponent

