

FOR CEMETERY
ENVIRONMENTAL MANAGEMENT PLAN

POTENTIAL IMPACT PER PROJECT ACTIVITY PER PROJECT PHASE	MITIGATING MEASURES	RATING/ PERFORMANCE OF MITIGATING MEASURES
Construction Phase		
A.1 Construction of Support Facilities		
Generation of used oil, paint, batteries, and other hazardous materials	<ul style="list-style-type: none"> Provision of storage for hazardous wastes with proper labelling Collection of hazardous wastes by DENR accredited 3rd party hauler and treater 	100% compliance to RA 6969
A.1 Site Development including minor excavation		
Generation of dust from site preparation	Maintain a wet access road surface/project site by sprinkling of water at least twice (2x) a day during dry season	100% compliance to RA 8749
A.2 Delivery of construction materials to project site		
Noise pollution from delivery trucks	Use of mufflers and exhaust silencers	100% Noise within standard (NPCC MC 002 Series of 1980)
A.3 Construction of Support Facilities		
Generation of noise from heavy equipment	<ul style="list-style-type: none"> Use of mufflers and exhaust silencers for construction equipment Provision of appropriate noise mitigating measures (such as construction of fences, enclosure of stationary work areas and equipment, maintenance of equipment, etc.) whenever applicable 	100% Noise within standards (NPCC MC 002 Series of 1980)
A.1 Site Development including minor excavation		
Generation of spoils (including excavated soils)	<ul style="list-style-type: none"> Spoil materials will be hauled by third party hauler with approved permit/clearance from LGU Trucks shall be thoroughly washed before leaving from the project site to avoid the transfer of mud/dirt in the road 	100% no spoil materials will be left unattended and no mud/dirt will be transferred in the road
A.2 Construction of Support Facilities		
Generation of construction debris	<ul style="list-style-type: none"> Segregation and collection of construction debris in compliance to RA 9003 Hauling of construction debris by 3rd party hauler 	100% collected/hailed construction debris
A.1 Site Development including minor excavation		
Potential siltation of nearby bodies of water due to soil erosion	<ul style="list-style-type: none"> Provision of sediment control measures such as sediment traps, slope stabilization, etc. Provision of an easement from water bodies at least three (3) meters in urban areas, twenty (20) meters in agricultural areas, and forty (40) meters in forest areas in compliance to the Water Code of the Philippines; 	100% no siltation of nearby bodies of water
Degradation of surface water quality due to	<ul style="list-style-type: none"> Provision of (<u>indicate number</u>) portalets for construction workers 	100% no discharge of

contamination from domestic wastewater	<p><i>Note: at least one (1) portalet for 60 workers where the number of male workers exceeds 500 (as per IRR-Industrial Hygiene, PD 856 Amending Administrative Order 111 Series of 1991)</i></p> <p><i>Note: at least one (1) portalet for 25 workers where the number of male workers exceeds 100 (as per IRR-Industrial Hygiene, PD 856 Amending Administrative Order 111 Series of 1991)</i></p> <ul style="list-style-type: none"> • Provision of septic tank or wastewater collection system for workers • Hauling of wastewater from portalets/ septic tank by third party contractor with licensed/permit from LGU and with valid Discharge Permit for wastewater treatment facility 	domestic wastewater to nearby bodies of water
Operational Phase		
Possible spillage of toxic /hazardous materials	<ul style="list-style-type: none"> • Provision of bund floors/walls 	100% no spillage to soil or bodies of water
Generation of toxic/ hazardous/ pathogenic wastes	<ul style="list-style-type: none"> • Provision of enclosed properly labelled storage for toxic/hazardous/pathogenic wastes • Collection of hazardous wastes by DENR accredited 3rd party haulers/treaters • Hazardous waste generator ID shall be secured from EMB. 	100% compliant to RA 6969
Degradation of air quality due to use of generator set <i>(if any)</i>	<ul style="list-style-type: none"> • Regular maintenance of the generator set 	100% compliance to RA 8749
Generation of gas emissions from point sources, such as crematorium	<ul style="list-style-type: none"> • Provision of smoke stack and regular maintenance of crematorium oven • Provision of adequate air/dust pollution control device for the cremation device (e.g. for emissions- Afterburner, secondary chamber. For dusts- water scrubber) 	100% compliance with DENR emission standards (RA 8749)
Generation of non-hazardous solid wastes including domestic wastes	<ul style="list-style-type: none"> • Segregation of wastes and provision of waste storage facility • Provision of an MRF including composting area • Hauling of solid wastes by third party hauler with permit/clearance from LGU 	100% conformance to RA 9003
B.1 Operation and maintenance of facilities		
Contamination of surface water from domestic wastewater	Provision of adequate Wastewater Treatment Facility (Sewage Treatment Plant) to treat the collected wastewater.	100% conformance to effluent standards
Generation of effluents due to wastewater generation	<ul style="list-style-type: none"> • Monitoring of the following significant effluent quality parameters (based on PSIC Code 96300): 	100% compliance with DENR effluent

	<div><input checked="" type="checkbox"/> COD</div> <div><input checked="" type="checkbox"/> Total Suspended Solids</div> <div><input checked="" type="checkbox"/> Total Coliform</div> <div><input checked="" type="checkbox"/> Ammonia</div> <div><input checked="" type="checkbox"/> Phosphate</div> <div><input checked="" type="checkbox"/> Sulfate</div>	standards (RA 9275); (i.e.DAO 2016-08 and DAO 2021-19)
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