




Environmental Management Plan

Environmental Management Plan

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Prepared by	Peta Bettineschi				
Authorising manager					
Peta Bettineschi				27/07/2022	
..... (Name)	 (Signature)	 (Date)	

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Approved by: **Peta Bettineschi**

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1 Introduction

This Environmental Management Plan (EMP) is the prime document for the management of environmental aspects in all works undertaken by our Organisation.

This plan should be read in conjunction with the Environmental Management System (EMS) manual. Together these documents satisfy the requirements of:

- AS/NZ ISO 14001:2016 Environmental management systems standards.
- Environmental legislation; and
- Contract requirements for the project.

The EMP is the essential link between environmental impacts assessment and project activities. It is to ensure that environmental impacts identified during the assessment stage are properly managed on site and control measures are implemented.

2 Project Description

GSD Solutions Vacuum truck services provide waste removal services on behalf of our clients utilising our vacuum truck.

The main activities to be carried out are:

- Clearing of tanks
- Grease removal
- Soil excavation

2.1 Working Hours

Normal business hours on this are: 7am to 7pm Monday to Friday and 7am to 1 pm on Saturdays. With occasional or emergency work on Sundays and public holidays.

Works outside these hours will require written approval from the client and nearby residents and businesses will be advised of changed hours.

2.2 Environmental responsibilities and contact numbers

The person with primary responsibility for implementing the EMP, monitoring its effectiveness and rectifying any deficiencies is the General Manager. He/she can delegate some responsibilities to other members of the team.

Project delivery team responsibilities are described in the EMS manual.

The Project delivery team contact numbers and emergency contact numbers are detailed in *Attachment A: Organisation details & contact numbers*.

3 Planning

3.1 Environmental aspects and impacts

Prior to the commencement of any project undertaken by Our Organisation, including all maintenance and construction works, a suitable environmental impact assessment may be required to be completed and made available to staff.

In addition to the aspects and impacts identified in the environmental assessment documentation provided with the contract specifications, Our Organisation undertakes its own pre-works risk assessment through risk assessment meetings according to *EMS-SP-02 Environmental risk assessment* procedure. Outcomes of the risk assessment meetings are documented using *Form 304 Environmental risk assessment checklist* and *Form 305 Environmental risk assessment*; refer to *Attachment C: Environmental risk assessment*.

Agreed environmental controls from the environmental risk assessment process are detailed in *Attachment E: Environmental protection safeguards*.

3.2 Environmental legislation, approvals, licenses and permits

All activities carried out on the site and in relation to the Project shall comply with the relevant provisions of all legislation relating to the construction of the Project. Refer to *Attachment B* for list of legislative and other requirements relevant to the Project (*Form 202 Legal and other requirements register*).

Our Organisation will ensure that any approvals, licenses and permits as required by the Review of Environmental Factors, Environmental Impact Assessment or any other legislative requirements are obtained before works commence.

3.3 Environmental objectives and targets

The following objectives and targets have been set up for our company:

No	Objective	Target	Performance Indicator
1	Effective communication and consultation	At least one toolbox talk held per week	1 pw
2	Community complaints responded to promptly	100% of complaints closed out within 5 working days	100%
4	Environmental legal requirements complied with	No penalties or notices received	Zero

Nº	Objective	Target	Performance Indicator
5	Workplace environmental inspections completed weekly	100% of planned inspections carried out	100%
6	Environmental awareness	100% of employees & subcontractors are inducted prior to start project	100%

The PM reports the performance indicators to the Systems Manager on a monthly basis.

4 Implementation

4.1 Environmental Protection Requirements

The environmental issues identified as requiring planning and control measures during the delivery of services are detailed in *Attachment E: Environmental protection measures*. They cover three distinct phases of activity in accordance with the sequence of operations. These are requirements:

- Prior to works
- During works and
- Post works (but not including operation)

All employees and subcontractors working on delivering our company services will be inducted onto the environmental protection measures as required.

4.2 Training, competence and awareness

All GSD Solutions personnel (including subcontractors) receive site induction training, which covers:

- Emergency and response procedures
- Environmental Awareness of their environmental protection responsibilities and measures to minimise environmental impacts
- Environmental protection requirements of the site as set out in *Attachment E* of this EMP

Site induction training is documented using *Form 201 Site induction register*.

Informal training through toolbox meetings (*Form 105 Toolbox meeting record*) is also delivered when required in topic such as erosion and sedimentation control, protection of heritage items, protection of native vegetation and other environment issues relevant to the site.

Details of the skills and competencies of the organisation's employees on the project are kept on project records; *Form 107 Training and competency register*.

4.3 Communications management

4.3.1 On-Site Communication

The Works Supervisor (Team Leaders in his absence) is the contact point for environmental management issues and emergencies on site.

Weekly (more often if required) toolbox meetings involving all personnel (including sub-contractors) are held and toolbox meeting outcomes are recorded and kept on project files. The meetings are recorded; refer to *Form 105 Toolbox meeting records*.

Toolbox meetings may be used for:

- Drawing attention to site environmental aspects not identified before
- Commencement of new activity or process during the project
- Refresher training in environmental controls
- Drawing attention to project non-conformance
- To discuss project progress and any environmental issues

A monthly management meeting is held to discuss project progress and actual outputs against targets; and to discuss issues, incidents, and nonconformities and suggest corrective actions and improvements.

4.3.2 External Communications

The Works Supervisor and the Project Manager are the designated 24-hour emergency contacts for external authorities. They have the authority to take any action on site as directed by an authorised officer of any relevant external authority.

4.3.3 Communication with client, environmental regulators and Sub-contractors

The Project Manager is the liaison person to deal with client, sub-contractors and the regulators and passes information to all members of the project team including sub-contractors. The Work Supervisor is responsible to coordinate works onsite done by subcontractors.

4.3.4 Community liaison and complaints

All relevant authorities, property owners and others affected by project works are informed of the project, activity and timeframes.

In the event of interference with property access, pedestrian thoroughfares or night works of a significant or extended nature in urban areas, the Project Manager ensures that affected

members of the public are so advised through media announcements, doorknocks or letterbox drops as appropriate.

Any complaints concerning any aspect of the project are recorded, registered and investigated. *Form 106 Communications and complaints register* shows the details and nature of the complaint, the complainant and actions taken as a result of the investigation.

The Project Manager ensures that any complaint received is investigated promptly and that appropriate action is taken.

4.4 Emergency preparedness and response

Preparation for emergency situations aims to minimise the nature and extent of damage to property and harm to the environment that might ensue from an emergency situation.

All environmental emergencies are managed according to *EMS-SP-03 Emergency preparedness and response* procedures. The Works Supervisor on site is responsible for undertaking the emergency response according to this procedure.

Likely emergencies and incidents may involve:

- Fuel or chemical spills
- Unlicensed discharge of pollutants to environment (air, water, noise, soil)
- Dumping of waste to an unauthorised site

All environmental incidents are reported using *Form 302 Environmental Incident Report*.

Emergency contact numbers (refer to *Attachment A*) is displayed on the worksite.

5 Subcontractor Management

5.1 Selecting and engaging subcontractors

Our Organisation engages only suppliers and subcontractors who have the right competencies and experience to perform the work satisfactorily.

In the project planning process, the Project Manager identifies work to be subcontracted and determines:

- the method of selecting subcontractors — from preferred suppliers list, by tender, Expression of Interests or other means
- the method of assessing subcontractors — according to Our Organisation's procurement guidelines.
- the type and level of subcontractor control required.

The Project Manager prepares a list of potential subcontractors and assesses them against contract requirements.

5.2 Managing subcontractors on site

The Project Manager applies a level and type of control to subcontractors appropriate to the risks associated with the subcontracted works.

Our Organisation provides site induction to subcontractors on site by:

- Informing the subcontractors of their responsibilities
- Identifying those staff (Project Manager and Works Supervisor) who have authority to direct subcontractors to stop work if their activities breach safety or environmental requirements

Our Organisation provides instruction on any systems or documentation that the subcontractor is expected to work under or use.

Our Organisation monitors all subcontractors' work for compliance with environmental requirements. This is done through regular inspections.

6 Environmental Performance Monitoring

The Project Manager ensures that environmental performance is evaluated on a regular basis and includes a review of inspections records, complaints/enquires received, waste generated/disposed, non-conformances, incidents and other environmental issues.

Every month Project Manager submits to Systems Manager an Environmental Performance report (*Form 303 Environmental performance report*) that captures data such as compliance with system requirements, corrective actions, KPI's, incidents and other environmental issues

The Project Manager delivers a summary of these evaluations to the client every six months or as directed.

6.1 Workplace inspections

To demonstrate compliance with the EMP, the Works Supervisor conducts weekly and after rain environmental site inspections using *Form 306 Environmental inspection checklist* to monitor the performance of environmental controls implemented on site. Any actions resulting from the inspections are promptly resolved.

The checklists include comments on corrective actions and additional environmental requirements to ensure that objectives of the safeguard measures are achieved.

6.2 Nonconformity and Corrective Action

A non-conformance occurs when a procedure or environmental safeguard is not followed, or does not perform as required by this EMP. Non-conformances are managed following *EMS-SP-05 Nonconformity and corrective action* procedure.

Non-conforming products or works are registered on *Form 127 Corrective action request register* and managed using *Form 128 Corrective Action Request (CAR)*.

The Works Supervisor is primarily responsible for taking appropriate action to address nonconformities

6.3 Internal audits

Where required internal audits on the project are scheduled and conducted according to *EMS-SP-04 Internal audit* procedure. Internal audits for the project are scheduled using *Form 119 Audit schedule*.

7 Project forms

Various forms are used to help keeping records of EMS implementation and performance; refer to *Attachment D* for available forms that may be used with this project.

Our Organisation is committed to ensuring that all records required to manage the project according to the contract requirements, as well as our own requirements, are created, stored and disposed of according to specified requirements. Refer to *EMS-SP-01 Documented information control* procedure.

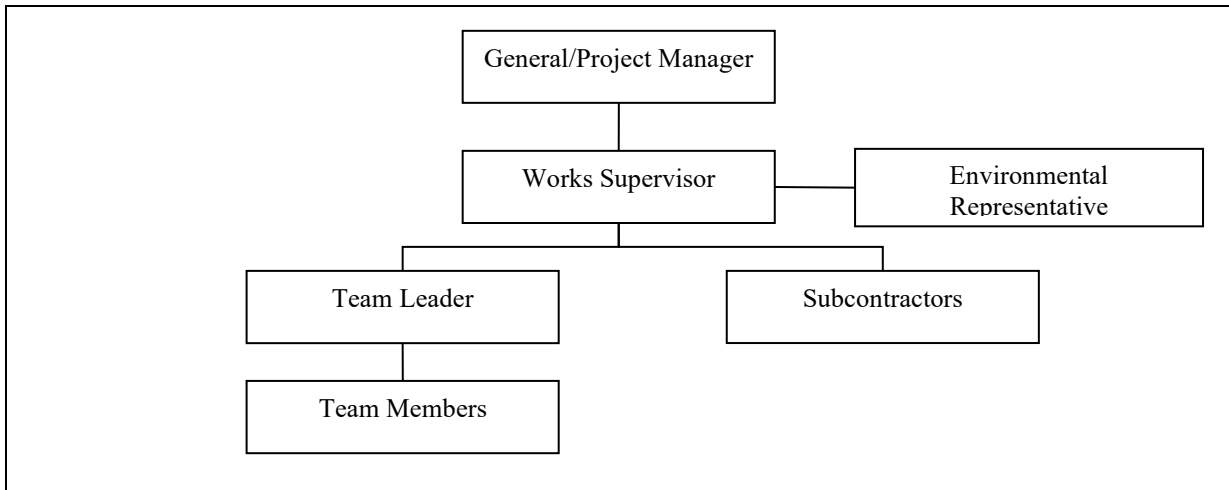
8 Supplementary plans

Other supplementary environmental plans required by this project are listed in Attachment F.

Attachment A Organisation details & Contact numbers

ORGANISATION DETAILS			
Business name	GSD Solutions		
Business address:	Shed 1/8 Brown Street		
ACN/ABN:	786 357 136 74		
Telephone:	1300 9376583	Email:	peta.bettineschi@gdsolutions.com.au
Name of director or General manager:	Peta Bettineschi	Telephone:	0439 804 267g

Project Delivery Team - Organisation Structure



Attachment B Environmental Legislation, approvals, licenses and permits

		FORM 202
<h3>Legal And Other Requirements Register</h3>		

Legislation Approval/Licence Requirements	Relevance	Approval/ Licence Obtained (Yes/No/NA)
Northern Territory Environment Protection Authority Act 2012	Compliance	
Environment Protection Act 2019	Compliance	

Legislation	Relevance Yes/No	Approval/ Licence Obtained (Yes/No/NA)
<p>Environment Protection and Biodiversity Conservation Act 1999</p> <p>Any action that has, will have, or is likely to have, a significant impact on a matter of National Environmental Significance (NES): World heritage properties; National heritage places; Ramsar wetlands; Commonwealth listed threatened species and communities; Commonwealth listed migratory species; Nuclear actions; and Commonwealth marine areas.</p> <p>Any action that has, will have, or is likely to have, a significant impact on the environment of Commonwealth land (where the action could take place on or outside Commonwealth land, and noting that the definition of environment includes heritage values, so Commonwealth Heritage places are also protected under the Act).</p>	No	N/A
<p>Aboriginal and Torres Strait Islanders Heritage Protection Act, 1984</p> <p>s20 – Report any discovery of Aboriginal remains to the Federal Minister for the Environment and Heritage. s22 – Comply with the provisions of any declaration in relation to a significant Aboriginal area or object</p>	No	N/A

Attachment C Environmental risk assessment

Work out the risk assessment using **Form 305 Environmental Risk assessment and control record** and then delete this prompt box.

		FORM 305
<h3>Environmental Risk Assessment and Control Record</h3>		

Project/Location: Sample

Date:

Environmental aspects	Potential Environmental impacts (Risks)	Risk Rating	Control Measures
<i>Identify any potential aspects associated with project activities</i>	<i>Assess the risks that identified hazards could lead to an accident or harm someone.</i>	<i>Using the risk reckoner determine risk rating</i>	<i>Note: If the risk rating is medium to extreme, do not begin work until you implement control measures.</i>
Air quality (dust/odour/fumes)	<ul style="list-style-type: none"> Dust inhalation and air pollution 	M	<ul style="list-style-type: none"> Use water cart for dust control / hose down Wear appropriate PPE
Water quality	<ul style="list-style-type: none"> Pollution to local waterways 	N	<ul style="list-style-type: none"> Strict erosion and sedimentation controls will be undertaken to prevent the degradation of water quality as detailed in the Erosion and Sedimentation Plan. Ensure ESC plan requirements are communicated to all staff. Controls are to be regularly inspected and repaired as required
Flora and fauna	<ul style="list-style-type: none"> Exceeding clearing limits 	N	<ul style="list-style-type: none"> Mark out clearing limits with pegs/temporary fencing and identify trees to be removed in consultation with environmental services rep.
Accidental spills	<ul style="list-style-type: none"> Oil spillage to local catchments (eg blown hose) 	M	<ul style="list-style-type: none"> Turn off plant item. Contain spillage by bunding or place bucket under leak. Ensure spillage kit is onsite and staff is aware of spillage response procedures. Remove contaminated spoil to approved tip site.
Waste management	<ul style="list-style-type: none"> Unlawful disposal of waste generated on site 	M	<ul style="list-style-type: none"> Site generated waste will be recycled where possible. Remaining waste will be regularly collected and removed from the site to a licensed landfill

Heritage items	<ul style="list-style-type: none"> Accidental damage to heritage items 	L	<ul style="list-style-type: none"> If any relic, artefact or material suspected of being of aboriginal origin (including skeletal remains) is encountered during the works, all construction work that might affect that material must stop and the material protected from damage or disturbance. The client must be notified immediately
Noise & Vibration	<ul style="list-style-type: none"> Community complaints due to excessive noise Damage to nearby resident's properties due to vibration 	H	<ul style="list-style-type: none"> Noisy activities, particularly jack hammering, mill and re sheeting or saw cutting would be carried out at start of shift to reduce noise related complaints The idling of machinery and equipment when not in use and for long periods would be prohibited All plant and equipment will be fitted with smart reversing alarms to obtain the lowest possible noise levels All machines would be in good working condition, with particular attention to exhaust silencers, engine covers and other noise reduction devices Only one vibration source would operate within 40m of a residential or sensitive building at any one time Measures, including allowing adequate distance that rollers can come to adjacent buildings and/or using non vibrating rollers, are to be used to minimise or prevent vibration impacts
Contaminated land	<ul style="list-style-type: none"> Unlawful disposal of contaminated land found on site 	N	<ol style="list-style-type: none"> If contaminated ground is discovered, surface runoff must be diverted away from the contaminated area. Surface runoff water contaminated by exposure to the contaminated ground must be contained and treated prior to discharge The client must be notified of any suspected or potentially contaminated ground exposed during construction activities
Extreme weather conditions	<ul style="list-style-type: none"> Heavy rains flooding construction zones 	N	<ul style="list-style-type: none"> Monitor weather conditions. Postpone if possible if rain event could arise. Unpolluted sheet flows to be kept separate from construction activities and work zone when possible. (appropriate bunding or contouring) Install diversion bund above upstream end of trench excavation to divert potential water flows around excavation

(* Refer to Risk Assessment Reckoner next page

Environmental risk assessment reckoner (environmental harm)
 Assess the likely risk of the event by multiplying the likelihood of the event occurring by the severity of the impact.

SEVERITY		LIKELIHOOD				
		5 Almost certain	4 Likely	3 Moderate	2 Unlikely	1 Rare
		Several times per month. (Will occur regularly on this project)	Once per month. (Will probably occur monthly this project)	Once per year. (May occur on this project.)	Once every 10–20 yrs. (Unlikely to occur on this project)	Once every 100 years. (Very Unlikely to occur on this project)
1 Minor, Negligible	Short term (<1 week) impacts, community not affected, on site incident immediately contained.	5 Medium	4 Low	3 Negligible	2 Negligible	1 Negligible
2 Low	Short term (<6 mths) impacts, mild affect on community, requires some action with minor resources readily available on site. Will not have effects beyond the site boundary.	10 High	8 Medium	6 Low	4 Negligible	2 Negligible
3 Medium	Medium term (up to 1 yr) impacts, complaint from community, remedial action required, pollutant within vicinity of site and can be managed with routine procedures	15 Extreme	12 High	9 Medium	6 Low	3 Negligible
4 High	Long term (1–10 yr) impacts, complaint lodged with EPA, likely to attract media attention/criticism, requires considerable remedial action and notification to EPA.	20 Extreme	16 Extreme	12 High	8 Medium	4 Low
5 Extreme	Persistent long term (>10 yrs) impacts, large group of people affected, EPA involved, widespread media attention, requires extensive remedial action	25 Extreme	20 Extreme	15 Extreme	10 High	5 Medium

E: Extreme H: High M: Medium L: Low N: Negligible

Attachment D Standard Procedures and Forms

Register of system procedures (available with the EMS manual)

Number	Procedure	Issue No.
EMS-SP-01	Documented information control	1.0
EMS-SP-02	Environmental risk assessment	1.0
EMS-SP-03	Emergency preparedness and response	1.0
EMP-SP-04	Internal audits	1.0
EMS-SP-05	Nonconformity and corrective action	1.0
EMS-SP-06	Control of monitoring and measuring equipment	1.0
EMS-SP-07	Management review	1.0

Register of system forms (available with the EMS Manual)

	Form Number	Name
1	101	Document Register
2	102	Document Delivery Record
3	103	Register of copy holders
4	104	Records Register
5	105	Toolbox meeting records
6	106	Communication and complaints register
7	107	Training and competency register
8	119	Audit Schedule
9	120	Audit notification
10	121	Audit attendance
11	124	MME register, calibration and servicing records
12	126	EMS review action plan
13	127	Corrective action request register
14	128	Corrective action request (CAR)
15	130	MS induction training register
16	201	Site induction register
17	202	Legal and other requirements register
18	207	Emergency preparedness checklist
19	208	Emergency evacuation test record
20	210	Hazardous substances register
21	301	Waste disposal register

	Form Number	Name
22	302	Environmental incident report
23	303	Environmental performance report
24	304	Environmental risk assessment checklist
25	305	Environmental risk assessment and control record
26	306	Environmental inspection checklist

Attachment E Environmental Protection Safeguards

		
<h3>Environmental Protection Safeguards</h3>		

Environmental Protection Safeguards
<p>Pre-works phase</p> <p>Where possible, all works shall be programmed and undertaken in a manner least disruptive to local businesses and access ways shall not be blocked at any time.</p> <p>All landowners potentially impacted by construction works or associated activities shall be consulted regarding any practicable and cost-effective measures to minimise impacts which may be beneficially implemented prior to the commencement of construction or within such time frame as agreed with the relevant landowner.</p> <p>Local residents shall be notified in advance of potential disruption to property accesses and traffic flows.</p> <p>The works site shall be appropriately fenced to prevent unauthorised access.</p>
<p>Works phase</p> <p>Care should be taken to ensure access is not affected. If work is near roads warning signs should be erected.</p> <p>Warning signs need to be erected to alert road users of the change in conditions. Any council conditions will be followed. Nearby residents will be advised by mail of the changes.</p> <p>Warning signs need to be erected to alert road users of the change in conditions. For major road closures signs should be erected a few days before the works commence. Any council or Roads Authority conditions will be followed. Nearby residents will be advised by mail of the changes.</p>
<p>Post-works phase</p> <p>All temporary traffic signs will be removed and, where appropriate, new permanent signs erected.</p>
Air Quality
<p>Pre-works phase</p> <p>All construction facilities erected on site must be designed and operated to minimise the emission of smoke, dust, cement dust and other substances into the atmosphere.</p>
<p>Works phase</p> <p>Vehicular access will be kept to sealed roads wherever possible or to designated site access points</p> <p>A 25km/hr speed limit shall be imposed on all vehicles within the construction site, including haul roads.</p> <p>A garden water hose for spraying to reduce dust generation from exposed surfaces will be available at all times.</p> <p>A water cart shall be available at all times for spraying all exposed areas to reduce dust generation.</p> <p>The area to be disturbed for excavations will be minimised</p> <p>Stockpiles, access roads and work areas will be watered down or covered</p> <p>Excess spoil will be placed in skip bins or covered stockpiles, reused on-site or disposed off-site.</p> <p>Materials transported in open trucks will be covered to prevent generation of dust.</p>

The tailgates of all vehicles transporting material from the construction site will be securely fixed prior to loading and immediately after unloading.
Complete landscaping and revegetation as soon as possible following building activities
Ensure that no disturbance of the nature strip occurs between the site and the roadway
Machinery will be well maintained with no noxious emissions and not left idling when not in use.
Exhaust systems and engines for plant/equipment will be maintained according to the manufacturers' specifications and regularly monitored to ensure that exhaust emissions are satisfactory (smoke for no longer than 10 seconds). Periodic visual checks will be made on exhaust system emissions
The burning of timber and other combustible materials is not permitted on site at any time.
If winds are high and the works are creating high levels of dust that are likely to cause discomfort to local residents or a safety hazard to traffic or work personnel, the works shall be modified or stopped until the dust hazard is eliminated or is reduced to an acceptable level.
Post-works phase
All exposed soil areas shall be stabilised and revegetated as soon as possible on completion of works to prevent the generation of dust.
Fire Prevention
No cutting, welding, grinding or other activities likely to generate fires should be undertaken on "total fire ban" days. Total fire ban declarations and resultant work restrictions will be timely communicated to staff.
One general-purpose fire extinguisher and one fire extinguisher suitable for control of oil/petrol fire will be available on site at all times.
A minimum of one person on site will be familiar or trained in the use of fire-fighting equipment.
All flammable materials will be kept in a locked area within the site working area.
All personnel involved in welding, grinding, thermal or oxygen cutting, heating or other fire or spark-producing operations will be trained in fire prevention, safety and basic fire-fighting skills.
Burning off is not permitted under this contract. There must be no burning off on site.
Fuels and Chemicals
Pre-works phase
All staff will be made aware of the Site Emergency Plan. A copy of the Spill Response procedure will be displayed at the site compound and provided in each field-services vehicle.
Where fuel, oil or other chemicals are to be stored on site, a secure, lockable and floored area will be provided before any of these substances are accepted on site. This area will be imperviously bunded with a capacity to contain not less than 110% of the volume of the largest container. This bunded area is monitored weekly and drained when required; to ensure that bund capacity is maintained, by pumping out to an oil-water separator.
Ensure relevant Material Safety Data Sheets (MSDSs) are available on-site for all chemicals used or stored on site.
All chemicals are stored in accordance with the manufacturer's instructions and the MSDS
In the event of spillage of hydrocarbon products such as fuels and/or chemicals, on-site spill containment equipment/kits will be used to contain spills and cleaned in accordance with the MSDS requirements.
Fuel, oil and chemicals will be used in a bunded area.
A 50-litre container of spill absorbent will be retained within the site working area to be used for emergency spills of fuel, oil or other chemicals.
Ensure that any spills or accidents on site that are likely to cause pollution are managed as per this plan
If stormwater discharges from bunded fuel or hazardous storage areas are required, records are kept of water quality checks, discharges and remedial actions.
If drums of chemicals and fuels must be used outside a bunded area, a spill kit will be readily available nearby, the drums will not be left unattended, and they will be returned to the bunded area for storage overnight.
If an Environmental Incident occurs on site, the Incident Report form F09 will be completed and forwarded to the Client.
If refuelling or maintenance cannot take place at this site, temporary bunding will be provided and adequate spill kits kept readily available.

Refuelling operations will not be left unattended while in progress.
Post-works phase
Nil
Noise control
Pre-works phase
Residents potentially affected by night works will be notified by letter, 5 days before works commence. The letter will include details of the works, timing, potential disruptions to traffic and a contact name and number. An after-hours number will also be provided.
Works phase
Construction noise is to be confined to 7am to 6 pm Monday to Friday and 7am to 1pm on Saturdays. No work will be undertaken on Sundays or Public Holidays unless approved by Client.
No blasting will be permitted during construction
Jackhammers must only be used between 10:00am and 5:00pm, Monday to Friday
All plant and equipment used on this job is operated by appropriately trained staff in accordance with regulations and is regularly maintained and serviced by qualified staff.
All plant and equipment used on site will comply with EPA Guidelines.
Smart reversing alarms have been fitted to all vehicles to be used
Equipment not in use will not be left idling.
All stationary and mobile equipment will be fitted with residential type silencers.
Post-works phase
Not required
Plant and Equipment
Works phase
All plant/equipment operators and employees will be instructed to confine operations to within the clearly marked area of site operations.
All machinery will be secured against vandalism outside working hours.
All plant/equipment will be inspected daily to avoid leakage of fuel, oil or hydraulic fluid to the worksite. Machinery found to be leaking should be repaired or replaced.
Maintenance and cleaning of mechanical plant and equipment is not permitted on site to prevent pollution of existing drains.
Post-works phase
Nil
Waste Management
Pre-works phase
Waste avoidance is a priority on this project, followed by reuse of waste products, and then recycling, with disposal of waste as a last resort. This section constitutes the waste minimisation and management plan
A Waste Register (Form-301) has been established which identifies: waste streams and their classification reuse, recycling and disposal options waste transporters. The waste register records amounts generated and transported and by who. The Waste Register is part of the project waste management plan.
Any subcontractors on this project must maintain a Waste Register if their waste is not being recorded by the principal contractor. A copy will be provided as part of the subcontract documents.
Works phase
The implementation of waste management actions on this project is monitored weekly.

Wastes will be stored in a manner that does not pose harm to the environment.
Any contaminated soil will be classified and disposed off to legally operating waste management facility. Records of disposed waste will be kept in project records.
Waste material generated by the works will be minimised or recycled where feasible and cost effective.
Spoil material that cannot be reused on site, will be disposed of through an appropriate waste management facility.
All waste material that cannot be recycled will be collected and removed from the site to be disposed of in a legal manner, ie. at a legally operating waste management facility. A register of disposed waste will be kept on site
Bins with heavy lids will be provided within the site compound for personal litter.
Bin lids will be kept closed at all times, and all bins will be emptied when they are three-quarters full.
All site sewage will be collected and disposed of off-site in accordance with relevant regulations.
A daily inspection will be carried out to ensure the worksite is left in a rubbish free state.
All loads of rubbish will be securely covered to prevent spillage during removal.
Only compatible wastes will be transported together
No waste is to be burnt or buried on site.
The site will contain separate bins for recyclable and non-recyclable material; these will be disposed of appropriately.
Skip bins will be provided to contain waste materials and spoil.
Post-works phase
The worksite will be left in a tidy and rubbish free state upon completion of the project.

Attachment F Supplementary Plans

The following supplementary plans have been prepared (they are provided as separated documents):

- N/A