



Site Environmental Management Plan

Village Green Stormwater Infrastructure Repairs

Thredbo Alpine Resort
Kosciuszko National Park, NSW

November 2024

Document Control

Version	Issue Date	Revision Type	Author	Approved by
A	17/07/2024	Draft	K.O'Sullivan;	C.Chalk
0	15/08/2024	Final	K.O'Sullivan;	C.Chalk
1	5/11/2024	Updated excavation provisions	-	C.Chalk

Project Number: 24018ES

Kosciuszko Thredbo Pty Ltd

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1 Introduction

This Site Environmental Management Plan (SEMP) has been prepared for implementation by Kosciuszko Thredbo Pty Ltd (KT) (and its contractors) for the Village Green Stormwater Infrastructure Repairs (the Project).

The Project is located within the Village Green, Thredbo NSW 2625 within the Thredbo Head Lease area on Lot 876/DP1243112.

1.1 Reference Documentation

1.1.1 Legislation

The Development will be carried out in accordance with the applicable legislative requirements outlined in the following Acts and subordinate legislation:

- *Environment Protection and Biodiversity Conservation Act 1999 (Cwlth);*
- *Biodiversity Conservation Act 2016;*
- *Environmental Planning and Assessment Act 1979;*
- *Environmentally Hazardous Chemicals Act 1985;*
- *Heritage Act 1977;*
- *National Parks and Wildlife Act 1974;*
- *Protection of the Environment Operations Act 1997;*
- *Waste Avoidance and Resource Recovery Act 2001;*
- *Water Management Act 2000;* and
- *Work Health and Safety Act 2011.*

1.1.2 Supporting Documents

Document	Title	Prepared by	Reference
Approval	Development Consent	-	-
SEE	Statement of Environmental Effects	Kosciuszko Thredbo Pty Ltd	Rev 0
Procedure	Construction Site Incident and Emergency Procedures Thredbo Village	Kosciuszko Thredbo Pty Ltd	1.1
Procedure	Emergency Response Spill Procedure	Kosciuszko Thredbo Pty Ltd	1
Procedure	Standard Operating Procedure: Use and Maintenance of Wash Down Bay (KT055)	Kosciuszko Thredbo Pty Ltd	March 2019
Guideline	Guideline for the Preparation of Environmental Management Plans	DIPNR	2004
Guideline	Managing Urban Stormwater: Soils and Construction	Landcom	Vol 1, 4th Edition, 2004
Guideline	Interim Construction Noise Guidelines	DECC	2009
Guideline	NSW EPA Waste Classification Guidelines	NSW EPA	2014
Policy	Bushfire Danger Period Policy, version 2	Kosciuszko Thredbo Pty Ltd	

2 Project Description

The purpose of the Development is to replace an aged section of stormwater infrastructure that traverses the Village Green.

2.1 Construction Activities

Pre-construction activities involve site preparation works, which will include:

- establishment of site boundary/fencing;
- erection of site signage and pedestrian/traffic controls; and
- installation of erosion and sediment controls.

Construction activities will include:

- Excavation of existing pipeline alignment
 - A trench approximately 800 mm wide x 600-1800 mm in depth is required. Where a trench section deeper than 1500 mm is required, benching will be carried out to achieve a temporary batter slope no deeper than 1H:1V and with max. individual bench heights of 1500 mm.
- Removal of existing 200 mm concrete pipe and the upstream and downstream connecting stormwater pits
- Laying of new pipe
- Excavation and installation of two new stormwater pits
 - Pit construction footprint is approximately 1000 x 1000 x 1000mm
- Connection of new pipe and existing services to the new pits
- Backfilling and compaction of trenched alignment and stormwater pits. It is proposed to excavate, remove and install new pipe sections in 10 m lengths backfilling each section before the next is excavated. This ensures only a small section of trench is required to be open at any one time.
- Site rehabilitation.

Construction materials will be temporarily stored onsite within the laydown area identified on the Site Plan, adjacent to the construction corridor.

Post-construction activities will comprise:

- demobilisation of plant and machinery; and
- site clean-up.

2.2 Construction Corridor and Disturbance Footprint

The construction corridor is shown on the Site Plan. The approximate disturbance footprint is 52 m².

3 Construction Management Details

3.1 Construction Timing

Construction is anticipated to take approximately one week during the 2024 “summer construction period” (generally after the October long weekend and end no later than 30 April the following year) unless otherwise approved.

3.2 Site Access

The site is accessible via Friday Drive.

3.3 Vehicles, Machinery and Equipment

The Development will require (but not limited to) the following vehicles, machinery and equipment:

- 1.6 tonne excavator
- Medium rigid tip truck for material transport
- 4WD vehicles and utilities
- Water cart.

3.4 Stockpiles and Material Storage Areas

3.4.1 Stockpile Sites

Temporary stockpiles will be required within the construction corridor to effectively manage excavated materials, spoil and soil during the works. Soil will be separated so that it can be used during rehabilitation works. The stockpiles will be stored adjacent to the trench. Progressive backfilling and rehabilitation of the trench as each 10 m section of pipe is installed will ensure that a large of volume of soil will not need to be stockpiled at any one time. Any excess excavated material will be transported offsite to Thredbo's approved stockpile sites (refer **Appendix A**). All stockpiles will be managed in accordance with the environmental controls in **Section 5.4.2**.

3.4.2 Material Storage Areas

Material storage areas will include:

- 3 car parks adjacent to the northern pit
- Temporary laydown area adjacent to the trench.

3.5 Work Hours

Standard works hours include (unless otherwise approved):

- Monday to Friday 7 am to 6 pm
- Saturday 8 am to 1 pm
- No work on Sundays or public holidays.

4 Environmental Management

4.1 Roles and Responsibilities

The Project team roles and responsibilities are outlined in **Table 1**.

Table 1: Roles and Responsibilities

Role	Responsibilities
Project Manager	<ul style="list-style-type: none"> • Ensure the SEMP is made available, communicated, maintained and understood by all Project staff. • Responsible for the overall management of the construction and operation of the Project. • Ensure the SEMP is updated with applicable conditions of approval following the provision of Development Consent from Department of Planning and Environment (DPE).

Role	Responsibilities
	<ul style="list-style-type: none"> Ensure that the requirements of the SEMP and sub-plans have been addressed in all contractor environmental management documentation. Review of incidents, non-conformances and non-compliance. Ensuring Project personnel and contractors are adequately trained and qualified to fulfil their roles.
Site Project Manager	<ul style="list-style-type: none"> Implement and maintain the SEMP. Ensure all Project personnel comply with the requirements of the SEMP. Report any incidents, non-conformances to the Project Manager.
Environmental Officer	<ul style="list-style-type: none"> Oversee all works which are part of the Project on behalf of KT. Ensure compliance with all environmental protection measures detailed in the SEMP, supporting management plans and conditions of approval. Ensure all environmental controls are in place and adequately functioning during construction. and Conduct construction inspections and complete reporting requirements e.g. progress reports, environmental incidents, non-compliance, corrective action and auditing.
All Personnel	<ul style="list-style-type: none"> Comply with requirements of this SEMP. Report any actual or potential environmental incidents to the Construction Manager immediately. Identify and report non-conforming or potentially hazardous work practices, equipment, machinery or products. Only perform tasks for which they are trained and competent. Assist with environmental incident investigations and applying corrective actions. Ensure all machinery, plant and equipment are in good working order and condition prior to use.
Construction Contractor	<ul style="list-style-type: none"> Comply with SEMP and legislative requirements. Construction contractor to develop and implement management plans in accordance with this SEMP, conditions of approval and contractual obligations.

4.2 Communication and Consultation

4.2.1 Training and Awareness

All Project staff will be made aware of the site-specific environmental controls through a site induction, and pre-start meetings / toolbox talks prior to the commencement of construction.

4.2.2 Key Contacts

Key contacts for the Project are provided in **Table 2**. Prior to commencement of works, contact details (name and contact number) will be provided for Project personnel.

Table 2: Key Project Personnel Contact Details

Company / Agency	Role / Reason	Name	Contact
Government Agency Contacts			
Department of Planning and Environment (DPE) (Alpine Resorts Team)	Development approval and compliance	-	(02) 6456 1733
National Parks and Wildlife Service (NPWS)	Flora, fauna, archaeology	-	(02) 6450 5600
Environment Protection Agency (EPA)	Water, noise, air pollution and regulation	-	131 555
NSW Soil Conservation Service	Soil erosion and sediment control	-	02 9842 8300
Thredbo Village Services			

Company / Agency	Role / Reason	Name	Contact
Thredbo Medical Centre	General medical attention	-	(02) 6457 6254
Fire and Rescue Thredbo, NSW	Incident / emergency	-	(02) 6457 6144
Emergency Contacts			
NSW Police	In case of fire, medical or police emergency	-	000
NSW Fire and Rescue		-	
NSW Ambulance		-	

4.2.3 Notification Protocols

A summary of the key notification protocols is provided in **Table 3**. Notification requirements will be updated as required.

Table 3: Regulatory Agency Notification Protocols

Party to Notify	What to Notify	When to Notify	Responsibility to Notify Regulatory Agency
DPE	Commencement of construction	DPE will be notified in writing at least 48 hours prior to the commencement of construction.	Site Project Manager
NPWS	Details of any material suspected of being a European or Aboriginal culturally significant site, relic or artefact.	Immediately upon discovery of any archaeological/culturally significant site or relic that are encountered. NSW Police to also be notified immediately upon discovery of human remains.	Site Project Manager
NSW Environmental Protection Agency	Details of pollution incident – who, what, when, where, how, any other supporting information and evidence (e.g. photos)	Immediately upon identification of pollution incident causing or threatening material harm to the environment, in accordance with KT's Construction site Incident and Emergency Procedures Thredbo .	KT Environmental Manager

4.3 Environmental Incident and Emergency Response

All Project personnel are required to follow KT's **Construction site Incident and Emergency Procedures Thredbo Village**. The procedure will be available on-site and all Project staff will be trained on their implementation through the site induction.

The procedure classifies examples of emergencies and incidents and provides specific procedures for response to such events. The procedure also outlines general site management principles, incident reporting and notification requirements and provides an emergency contacts list.

In the event of an environmental incident, emergency or near-miss, the following steps should be taken:

- 1) **STOP** works in the area and if safe to do so ensure the safety of personnel within the vicinity.
- 2) **NOTIFY** relevant persons e.g. emergency services or Construction Manager.
- 3) **ISOLATE** the risk or hazard e.g. turn off machinery/plant, implement immediate site controls, set up exclusion zone. and

- 4) **REPORT** and notify relevant persons (e.g. Project Manager, regulatory agencies).

Environmental incident and near-miss reporting requirements are detailed in **Section 6.1**. Contact details for key Project personnel and emergency services are provided in **Table 2**.

External contractors are required to prepare and implement an emergency and incident response procedure. The contractor will be responsible for responding to any environmental emergency caused by any action (or inaction) of the contractor's staff, including notification requirements to external parties such as EPA and Fire, Fire and Rescue NSW.

5 Environmental Controls

5.1 General

- Ensure works are conducted by suitably qualified and trained personnel.
- Ensure all site environmental management controls relevant to that stage of work are implemented in accordance with the approved plans and conditions of consent.
- Provide approved plans and relevant documentation in the site office or other suitable location so that they are easily accessible by all construction staff.

5.2 Site Establishment

- Establishment of site boundary with temporary fencing, rope or flagging to clearly delineate the construction corridor and "no-go" areas.
- Erection of site signage and pedestrian/traffic controls.
- Installation of erosion and sediment controls.

5.3 Machinery and Storage

- All equipment, machinery and vehicles used during construction of the Project must be cleaned prior to entry into the Park and prior to site mobilisation to ensure they are free of mud and vegetative propagules.
- Equipment, machinery, and vehicles must be regularly maintained and manoeuvred to prevent the spread of exotic vegetation.
- Storage of equipment, machinery, vehicles and material is to be restricted to existing disturbed areas (i.e. within the construction corridor and nominated material storage area,) and avoid undisturbed areas.
- All vehicles and machinery entering Thredbo must adhere to the **Standard Operating Procedure: Use and Maintenance of Wash Down Bay**.

5.4 Earthworks

- Earthworks are to be carried out in accordance with the recommendations from Jindabyne Landscaping's Arborist report (22 October 2024) in relation to the two large Eucalypt trees adjacent to the trench alignment.
- Site access points will be appropriately managed to minimise the risk of sediment being tracked onto sealed, public roadways.
- Implement sediment control measures as required, prior to any construction work and retain in place until exposed areas of soil or vegetation are stabilised/rehabilitated.
- Drainage, erosion and sediment controls to be designed and installed in accordance with *Managing Urban Stormwater: Soils and Construction, Volume 1, 4th Edition* (Landcom 2004).

- All erosion and sediment control measures are to be regularly checked.
- Schedule trenching works for periods when rainfall is low.
- Minimise the area of soil disturbed and exposed to erosion. Ensure trench widths and depths are the minimum necessary.
- Conserve topsoil for backfilling and rehabilitation works.
- Progressively rehabilitate disturbed land immediately post construction.
- When excavating, place excavation soil on upslope of trench to divert water from away from the trench line.
- Excavation soil is not to be placed on roads, in areas of concentrated runoff.
- If trenches and excavations are to be left open overnight, fauna escape ramps should be installed to enable fauna to escape. Open trenches and excavations should be inspected regularly for the presence of any fauna that may have fallen in.
- Excavations are to be properly guarded and protected to prevent them from being dangerous.

5.4.1 Erosion and Sediment Controls

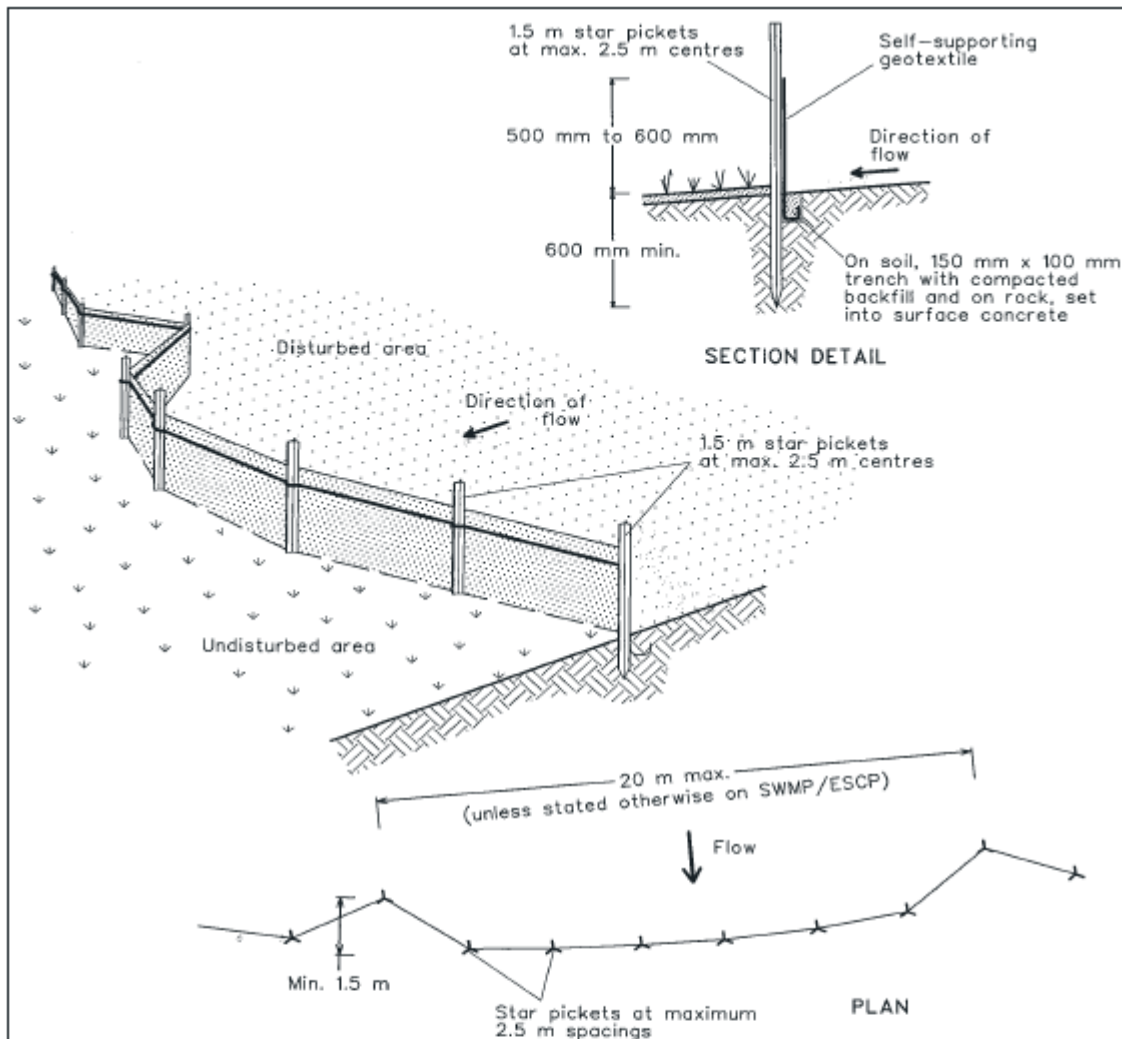
Erosion and sediment controls to be installed as required and determined by the construction contractor. Recommended controls provided in **Table 4**.

Table 4: Erosion and Sediment Controls

Control	Project Activity	Location	Purpose	Timing	Standard Drawing Reference ¹
Sediment fence	Excavation, trenching and stockpiling	Downslope side of any excavations; wetter areas; downslope of earth stockpiles; need to be placed following contours where possible.	To prevent sediment run-off by filtering medium to coarse-grained sediment from runoff	Install prior to, or in conjunction with earthworks. Retain in place until exposed areas of soil are stabilised.	Sediment fence (SD 6-8)
Straw bale filter fencing ²	Excavations and trenching	Drier areas of excavation, across or at the toe of slope, where required.	To prevent sediment run-off (suitable for low flows of water)	Install prior to, or in conjunction with earthworks. Retain in place until exposed areas of soil are stabilised.	Straw bale filter (SD 6-7)
Straw bales ²	Cross-slope excavations	To be installed on the uphill side of excavations running cross-slope, where required.	Divert water around and away from excavation works. Suitable for low flows of water to reduce water velocity.	Install prior to, or in conjunction with earthworks. Retain in place until exposed areas of soil are stabilised.	Straw bale filter (SD 6-7)
Temporary geofabric filter pond	Dewatering excavation	Where required, on flat area away from drainage lines/watercourses and native vegetation. Equipment and pumping operation	To capture sediment and pollutants and prevent them leaving the filter pond	In the event water enters an excavation and its required to be pumped out prior to recommencement of works	Control installation notes provided below. Refer to best practice

		to be confined to construction corridor.		guidelines such as IECA.
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5.4.1.1 Sediment Fence



Construction Notes

1. Construct sediment fences as close as possible to being parallel to the contours of the site, but with small returns as shown in the drawing to limit the catchment area of any one section. The catchment area should be small enough to limit water flow if concentrated at one point to 50 litres per second in the design storm event, usually the 10-year event.
2. Cut a 150-mm deep trench along the upslope line of the fence for the bottom of the fabric to be entrenched.
3. Drive 1.5 metre long star pickets into ground at 2.5 metre intervals (max) at the downslope edge of the trench. Ensure any star pickets are fitted with safety caps.
4. Fix self-supporting geotextile to the upslope side of the posts ensuring it goes to the base of the trench. Fix the geotextile with wire ties or as recommended by the manufacturer. Only use geotextile specifically produced for sediment fencing. The use of shade cloth for this purpose is not satisfactory.
5. Join sections of fabric at a support post with a 150-mm overlap.
6. Backfill the trench over the base of the fabric and compact it thoroughly over the geotextile.

SEDIMENT FENCE

SD 6-8

Figure 1: Sediment Fence Installation Notes (Landcom 2004)

5.4.1.2 Temporary geofabric filter pond

Construction notes:

- 1) Where practicable, locate the filter dam at least 50 m from the edge of a waterbody.
- 2) Suitably clear and prepare the surface where the filter dam will be installed.
- 3) Arrange straw bales to form an enclosure and securely anchor each bale with at least one (1) star picket or stake.
- 4) Securely attach the filter fabric to the straw bales and reinforce with stakes. If more than one sheet of fabric is used, then overlap within a minimum of 600 mm at all joints.



Figure 2: Example of Geofabric Filter Pond

5.4.2 Stockpile Management

- All stockpiles will be constructed and managed in accordance with *Soil Stockpile Guidelines for the Resort Areas of Kosciuszko National Park* (OEH 2017).
- Temporary stockpile sites within the construction corridor should adhere to the following criteria (Landcom 2004; OEH 2007):
 - not exceed 2 m in height, have a slope <50% (26°)
 - be at least 2 m from vegetation, concentrated water flows, roads, publicly accessible areas or hazardous areas
 - avoid impacts to native vegetation and be located on disturbed areas
 - located directly adjacent to the works
 - located on relatively flat ground, where possible
 - in areas with sufficient room to accommodate the volume of material being stockpiled
 - be contained by appropriate erosion and sediment controls.

- Any excess excavated material will be removed from site and transported to the designated soil stockpiles sites.

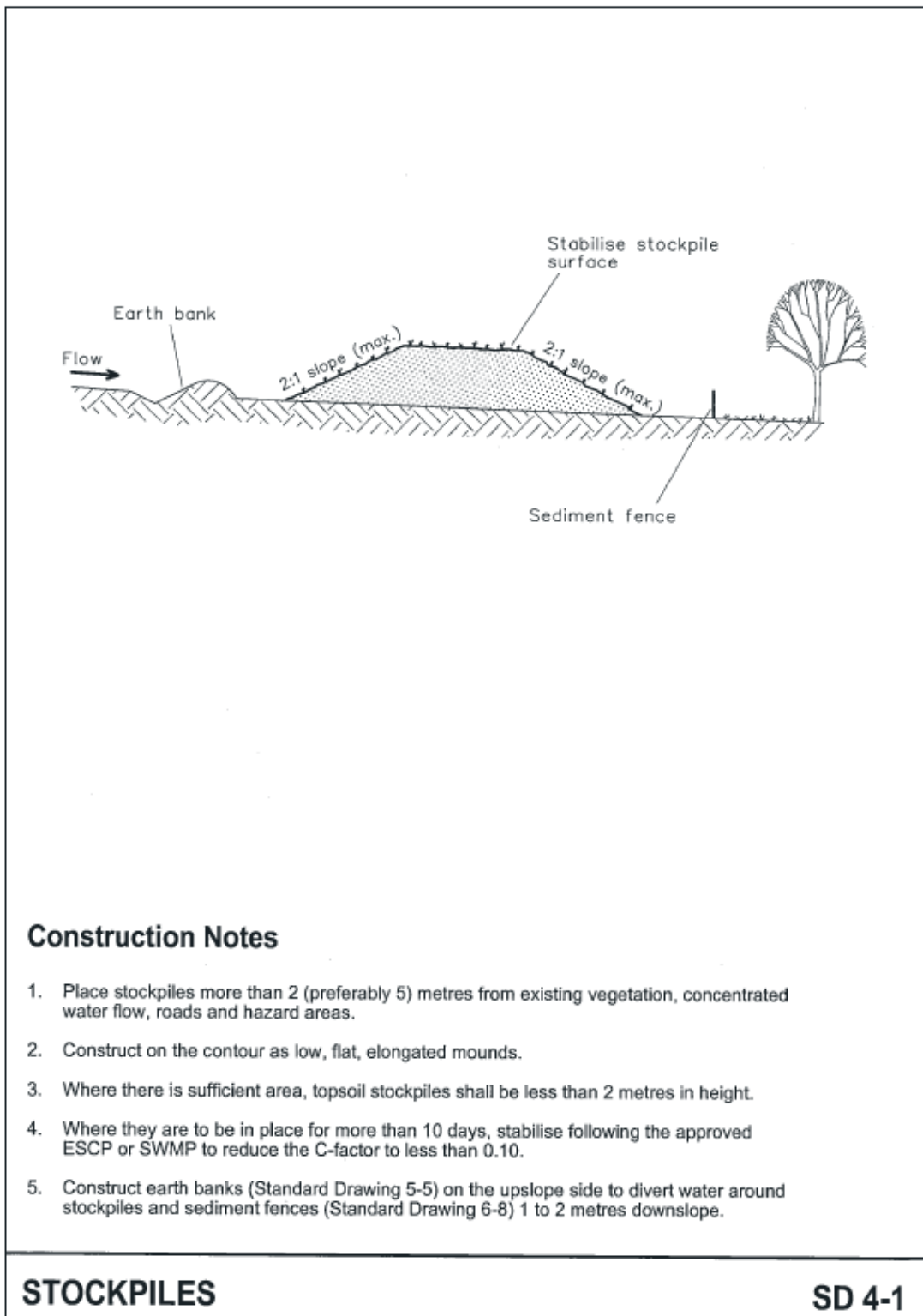


Figure 3: Stockpile Installation Notes (Landcom 2004)

5.4.3 Material Sourcing

Authorisation from NPWS is to be sought where imported gravel or fill material is required, unless the material is sourced from the following NPWS approved locations:

- McMahon's Earthmoving quarry, located on Alpine Way, Crackenback NSW
- Kraft Earthmoving / Snowy Mountains Sand and Gravel quarry located on Kosciuszko Road, Jindabyne NSW.

5.5 Waste Management

- All waste will be managed and disposed of in accordance with the KT's waste management procedures. This includes recycling or transfer to KT's waste facility and stockpile locations for re-use where possible. Excess spoil from excavations will be taken off-site and placed within the resort's existing stockpile area located at the carpark adjacent to the Thredbo Waste Transfer Station for re-use within the resort.
- All waste will be separated into waste stream and contained within appropriate receptacles and disposed in accordance with EPA guidelines.
- Any waste that cannot be re-used within the resort will be transported off-site by a licenced contractor and disposed of at the Jindabyne Landfill. There are two licenced waste facilities within proximity to Thredbo, including:
 - Jindabyne Landfill, 6013 Kosciuszko Road, Jindabyne NSW
 - Cooma Landfill, 8448 Monaro Highway, Cooma NSW.

5.6 Vegetation and Habitat Management

- No tree or shrub removal is permitted for the proposal.
- All machinery to be used during the construction phase should be limited to the existing disturbed areas.

5.7 Rehabilitation

- Progressive rehabilitation is to be undertaken in accordance with the Rehabilitation and Monitoring Plan. All rehabilitation should be undertaken in accordance with the *Rehabilitation Guidelines for the Resort Areas of Kosciuszko National Park* (DECC 2007).
- All disturbance should be kept to the minimum required to achieve the proposal.

5.8 Hygiene Protocols

- All machinery and equipment used during construction must be cleaned prior to entry into KNP and prior to site mobilisation to ensure the machinery is free of mud, vegetative propagules, and pathogens. This includes machinery that may have been working in an area of the resort that contains weeds and is preparing to be redeployed in the construction corridor and associated stockpile and staging areas.
- All relevant weed species that occur within the construction corridor must be treated prior to works commencing to ensure these weeds are not spread further at the site or within KNP.
- All vehicles and machinery entering Thredbo must adhere to the Standard Operating Procedure: Use and Maintenance of Wash Down Bay, March 2019 (KT055). The wash down bay is located at the Thredbo Waste Transfer Station for use by KT staff and contractors.

5.9 Dust Management

- Dust generation will be managed through typical dust suppression that will include covering stockpiled spoil, minimising ground disturbance and covering loads.
- Plant and equipment to be maintained and operated in an efficient manner to reduce air pollution.
- Vehicles are to adhere to speed limits to minimise dust general and potential spill of hauled materials.
- All vehicles carrying spoil or rubble to/from site should be covered to prevent the escape of dust or other material. Covers are to be adequately secured.

5.10 Noise and Vibration

- Awareness training and information will be provided to project personnel in relation to minimising noise pollution as much as practicable when in close proximity of tourist accommodation along Thyne Reid Drive.
- Selection of the most appropriate plant and equipment to minimise noise generation.
- Construction works will be undertaken during standard work hours.
- Regular checks are to be undertaken to ensure all equipment and vehicles are in good working order and are operated correctly.

5.11 Fuels and Chemicals

- In the event of an on-site spill, construction staff will follow KT's Construction Site Incident and Emergency Procedures Thredbo Village.
- Environmental spill kits containing suitable spill response materials shall be kept on site at all times. Spill kit materials shall be used in the event of a spill. Any oil spilt during the oil transfer or at other times shall be immediately contained and cleaned up.
- Fuel and chemicals will be appropriately stored and handled in accordance with relevant Australian Standards and Codes of Practice.

5.12 Traffic and Access

- Traffic and construction vehicle access will be managed as per regular daily operation in the resort.
- Appropriate signage, fencing or demarcation to be installed to manage access to and around the construction corridor.
 - Temporary closure of three carparking spaces will be required during the removal and replacement of the northern stormwater pit which is located in the carpark.
 - A section of the Village Green footpath will be closed when the pipeline replacement crosses underneath the footpath. Foot passengers will be diverted to the south across the Village Green.
- No temporary closures of Friday Drive will be required.

5.13 Aboriginal Cultural Heritage

5.13.1 Unexpected Finds Procedure

Where unexpected items of potential archaeological, built or Aboriginal cultural heritage significance are discovered, Project personnel will follow the below procedure:

- **STOP:** Stop work and leave the site or item where it is.
- **NOTIFY:** Notify the Project Manager and NPWS to arrange for representatives to inspect the site. If human remains are found, the NSW Police must also be notified.
- **MANAGE:** Management may involve securing the find by erecting a no-go zone.
- **REPORT:** The Project Manager will complete any reporting requirements, as directed by NPWS.

5.14 Bushfire Protection

The construction contractor would be responsible for determining relevant requirements for the site and ensuring staff are aware of bushfire avoidance, evacuation, and management measures e.g. prior to undertaking works the construction contractor should confirm that there is no current total fire ban or Kosciuszko National Park fire ban as this may place restrictions of activities such as use of plant or machinery in grass/bush settings.

The **Construction Site Incident and Emergency Procedure** outlines procedures for responding to fire and bushfire incidents or emergencies. This procedure is made available to all construction staff. In the event of a bushfire, Kosciuszko Thredbo (the head lessee) would implement the resort-wide Bushfire Evacuation Plan. The plan has been designed to assist management and emergency services to protect life and property in the event of a bush fire or other emergency.

6 Monitoring and Reporting

6.1 Environmental Incident Reporting

All incidents and near misses will be managed in accordance with KT's **Construction site Incident and Emergency Procedures Thredbo Village**.

6.2 Complaints Management

Should complaints be received from the public in relation to the Project they will be recorded using the **Complaints Form** (or similar contractor's form). The Project Manager will be responsible for investigating, recording and closing out any complaints received. All records will be stored within KT's files and distributed to relevant persons / regulatory authorities as required.

7 References

Department of Environment and Climate Change (DECC) 2007, Rehabilitation Guidelines for the Resort Areas of Kosciuszko National Park, NSW Government.

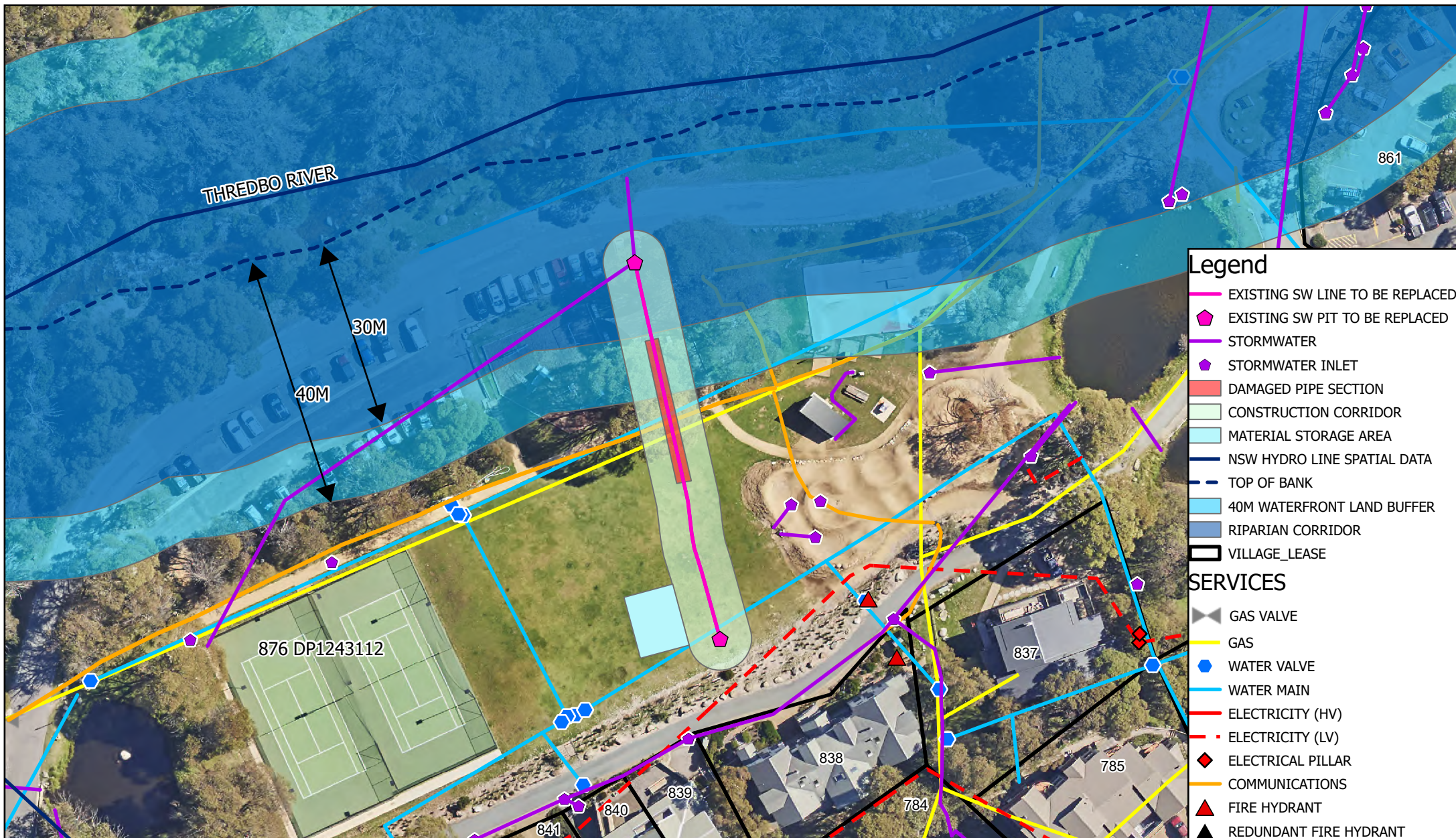
Department of Environment and Climate Change (DECC) 2009, Interim Construction Noise Guideline, July 2009, <https://www.epa.nsw.gov.au/-/media/epa/corporate-site/resources/noise/09265cng.pdf?la=en&hash=EF4576FD79DBB25D5AC22DFA1A883A2BADA1F77B>

Department of Planning & Environment (DPE) (2017) *What to include with your development application*, version January 2017, <https://www.planning.nsw.gov.au/Policy-and-Legislation/~media/65E2BA89886F426991525FF25707A9A9.ashx>

Office of Environment and Heritage (OEH) 2017, *Soil Stockpile Guidelines for the Resort Areas of Kosciuszko National Park*, version 1.0, October 2017, NSW National Parks and Wildlife Service.

8 Appendices

Appendix A Plans



Legend

- EXISTING SW LINE TO BE REPLACED
- EXISTING SW PIT TO BE REPLACED
- STORMWATER
- STORMWATER INLET
- DAMAGED PIPE SECTION
- CONSTRUCTION CORRIDOR
- MATERIAL STORAGE AREA
- NSW HYDRO LINE SPATIAL DATA
- TOP OF BANK
- 40M WATERFRONT LAND BUFFER
- RIPARIAN CORRIDOR
- VILLAGE_LEASE

SERVICES

- GAS VALVE
- GAS
- WATER VALVE
- WATER MAIN
- ELECTRICITY (HV)
- ELECTRICITY (LV)
- ELECTRICAL PILLAR
- COMMUNICATIONS
- FIRE HYDRANT
- REDUNDANT FIRE HYDRANT

Scale: 1:802

0 5 10 20 30 40 Meters

Map Projection: Universal Transverse Mercator
Horizontal Datum: GDA 2020
Grid: GDA 2020 MGA Zone 55



SITE PLAN

Project: 24018ES Village Green Stormwater Repairs

Revision: C

Date: 17/07/2024

Produced By: KOS



Legend

 Stockpile Site

0 4.5 9 18 27 36
 Meters

Map Projection: Universal
Transverse Mercator
Horizontal Datum: GDA 2020
Grid: GDA 2020 MGA Zone 55



**STOCKPILE AND
MATERIAL STORAGE
LOCATION
WASTE TRASFER FACILITY**

Revision: A

Date: 14/09/2023

Produced By: KOS



Scale: 1:1,034



Map Projection: Universal Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 2020 MGA Zone 55



LOWER OVERFLOW CARPARK STOCKPILE SITE

Revision: A

Date: 20/03/2023

Produced By: BB

Appendix B Environmental Schedules

THREDBO ENVIRONMENTAL SERVICES

Record of complaint

Sheet of

Project: _____

Date / Time: _____

Received by: _____

Reference Number: _____

[illegible]

Environmental Incident Reporting Form

Confidential document after first entry

The purpose of this form is to report any incident that may have resulted in Environmental harm on Kosciuszko Thredbo Pty Ltd premises. Remember to be succinct, stick to the facts and do not make assumptions. Only record information you know to be correct.

The only persons authorised to contact external agencies eg EPA in relation to environmental incidents are the Kosciuszko Thredbo General Manager and Environmental Services Manager or their approved delegates.

Return completed form to the Environmental Services Manager as soon as practicle, on completion of the Environmental incident.

Date of Incident:	Time of incident:
Reported by:	Department:

Location of Incident

EXACT location of the incident (include landmarks and features, nearest cross street etc to make it easier to identify later)		
Site:	Building:	Room:

Description of incident

Provide description and extent of incident:
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.....
Have relevant photos been taken and attached? Yes <input type="checkbox"/> No <input type="checkbox"/>
If 'No', provide sketch and attach to the rear of this document.
What was the estimated duration of the incident?

Type of incident

<input type="checkbox"/> Spill (including fuel,oil,waste material or other polluting substance)	<input type="checkbox"/> Erosion and sedimentation incident	<input type="checkbox"/> Contaminated water discharge
<input type="checkbox"/> Noise emission/complaint	<input type="checkbox"/> Unauthorised/accidental damage to heritage item	<input type="checkbox"/> Unauthorised/accidental vegetation removal or harm
<input type="checkbox"/> Air Emission	<input type="checkbox"/> Wildlife habitat/nesting area disturbed	<input type="checkbox"/> Other (specify)

Environmental Incident Reporting Form

Level of incident

Level	Example
<input type="checkbox"/> Minor	eg. No material has escaped the site or caused material harm to the environment – it is easy to clean up without additional assistance.
<input type="checkbox"/> Major	eg. Material has escaped the site causing pollution downhill/downstream areas, which will require clean up involving other agencies and/or additional resources not available to local site management. Damage has occurred or is likely to occur to the environment.

Hazardous Material Spilt

<input type="checkbox"/> Petroleum based products/ Hydrocarbons	<input type="checkbox"/> Chemicals domestic or industrial grade
<input type="checkbox"/> Biological waste / Clinical and related waste	<input type="checkbox"/> PCB insulating liquids
<input type="checkbox"/> CFC containing equipment	<input type="checkbox"/> Paints or paint products
<input type="checkbox"/> Radioactive waste	<input type="checkbox"/> Other (specify)
Detail type/ingredient spilt: (UN, MSDS details)	
Detail concentration of material spilt:	
Detail quantity of material spilt:	

Type of Spill

<input type="checkbox"/> Spilt onto ground	<input type="checkbox"/> Spilt into stormwater drain
<input type="checkbox"/> Spilt into waterway	<input type="checkbox"/> Poured down sink
<input type="checkbox"/> Poured down sewer	<input type="checkbox"/> Released into atmosphere
<input type="checkbox"/> Caused odour	<input type="checkbox"/> Caused fire/explosion
<input type="checkbox"/> Caused infectious contamination	<input type="checkbox"/> Other (specify)

Immediate Actions

Was spill contained? Yes <input type="checkbox"/> No <input type="checkbox"/>
Detail immediate actions/controls measures taken to rectify or contain the incident
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Environmental Incident Reporting Form

Corrective Actions

Detail corrective clean up action taken

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Disposal

Detail disposal method/plans and location

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Recommended follow up and preventative actions

Detail recommendations

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Persons present at Incident

Were there any witnesses to the accident? Yes ☐ No ☐ If 'Yes', please provide names

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Declaration

The information and answers given above are true in every detail and no information has been withheld.

Departmental Supervisors Name

Departmental Supervisors signature

Date

Departmental Managers Name

Departmental Managers signature

Date



Diagram: (do not scale)

A blank sheet of graph paper with a grid pattern. In the top-left corner, there is a north arrow pointing upwards, labeled with the letter 'N'. The grid consists of small squares covering the entire page.

Created By: Paul Corcoran
Created Date: 24 Mar 2009
Review Date: 24 Mar 2017
Reviewed Date: 7th January 2020, by E Diver