



Works approval number W6619/2021/1

Works approval holder Cosla Pty Ltd
ACN 644 237 632
Registered business address 54 Warrenup Place
WARRENUP WA 6330
DWER file number DER2021/000331

Duration 16/03/2022 to 15/03/2030

Date of issue 16/03/2022

Premises details

Cosla Pty Ltd
Howell Road
MARBELUP WA 6330

Legal description –
Lot 6767 on Deposited Plan 167638, Marbelup
(Certificate of Title Volume 240 Folio 46A)
Lot 561 on Deposited Plan 256746, Marbelup
(Certificate of Title Volume 1259 Folio 424)
As defined by the coordinates in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 70: Screening etc. of material: premises on which material extracted from the ground is screened, washed, crushed, ground, milled, sized or separated.	Less than 50 000 tonnes per year

This works approval is granted to the works approval holder, subject to the attached conditions, on 16 March 2022, by:

**MANAGER, RESOURCE INDUSTRIES
REGULATORY SERVICES**

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Works approval history

Date	Reference number	Summary of changes
16/03/2022	W6619/2021/1	Works approval granted for the construction and operation of a mobile crushing and screening plant.

Interpretation

In this works approval:

- (a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline, or code of practice in this works approval:
 - (i) if dated, refers to that particular version; and
 - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This works approval requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this works approval.

Works approval conditions

The works approval holder must ensure that the following conditions are complied with:

Construction phase

Infrastructure and equipment

1. The works approval holder must:
 - (a) construct and/or install the infrastructure;
 - (b) in accordance with the corresponding design and construction / installation requirements; and
 - (c) at the corresponding infrastructure location as set out in Table 1.

Table 1: Design and construction/installation requirements

	Infrastructure	Design and construction/installation requirements	Infrastructure location
1.	Mobile crushing and screening plant	<p>Installation and setup of mobile equipment consisting of the following machinery (or equivalent):</p> <ul style="list-style-type: none"> • Striker 1110 Impact Crusher; • Striker JQ1165 Jaw Crusher; • Bulldozer (Cat D8N) and (Cat D9); • Excavator (Cat 320DL) and (324DL); and • Loader (Cat 950H) and (Cat 950K). <p>Ensure all infrastructure and equipment is operational as per manufacturer's instructions.</p>	Located within each stage of the Prescribed Premises boundary depicted in Figure 1 of Schedule 1.
2.	Noise bund	<ul style="list-style-type: none"> • 2-4m high topsoil mound to be constructed along the western and southern edge of the excavation pits within the Prescribed Premises boundary. 	Noise bund located in the location marked as '2-4m noise bunding for Dust and Noise reduction' as shown in the Premises Map depicted in Figure 1 of Schedule 1.
3.	Stormwater management infrastructure	<ul style="list-style-type: none"> • 2-4m high perimeter bunding constructed from topsoil shall be installed along the southern edge of the excavation pits to minimise contaminated stormwater and/or sediment runoff in accordance with the design drawing shown in Figure 3 of Schedule 2. • Swale to be installed inside the bunding area to act as a settling 	Located in accordance with the Stormwater Management Infrastructure Map in Figure 2 of Schedule 1.

	Infrastructure	Design and construction/installation requirements	Infrastructure location
		<p>pond for contaminated stormwater and potential sediment in accordance with the design drawing shown in Figure 3 of Schedule 2.</p> <ul style="list-style-type: none"> • Perimeter bunding to be constructed to ensure that uncontaminated stormwater is directed away from operational areas. • Site graded to contain and direct all potentially contaminated stormwater generated within the operational areas to the swale. 	
4.	10,000 L Water truck	Water truck must be available at all times at the premises during construction phase to suppress dust generated via earthworks, installation of the crushing and screening plant and vehicle movements.	Within the Prescribed premises boundary depicted in Figure 1 of Schedule 1.

Compliance reporting

2. The works approval holder must within 30 calendar days of an item of infrastructure or equipment required by condition 1 being constructed and/or installed:
 - (a) undertake an audit of their compliance with the requirements of condition 1; and
 - (b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.
3. The Environmental Compliance Report required by condition 2, must include as a minimum the following:
 - (a) certification by a suitably qualified and experienced Engineer (eligible for membership of the Institute of Engineers, Australia) that the items of infrastructure or component(s) thereof, as specified in condition 1, have been constructed in accordance with the relevant requirements specified in condition 1;
 - (b) as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1; and
 - (c) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.

Time limited operations phase

Commencement and duration

4. The works approval holder may only conduct time limited operations for an item of infrastructure specified in condition 5:

- (a) for a period not exceeding 90 calendar days from the day the works approval holder meets the requirements of condition 2 for that item of infrastructure; or
- (b) until such time as a registration for that item of infrastructure is granted in accordance with Part V of the *Environmental Protection Act 1986*;
- whichever is sooner

Time limited operations requirements and emission limits

5. During time limited operations, the works approval holder must ensure that the premises infrastructure and equipment listed in Table 2 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 2.

Table 2: Infrastructure and equipment requirements during time limited operations

	Site infrastructure and equipment	Operational requirements	Infrastructure location
1.	Crushing and screening plant	<ul style="list-style-type: none"> Must operate within the staged areas within the Prescribed Premises boundary; Quarrying and processing operations are restricted to the daytime hours of 7am to 5pm Mondays to Fridays, and 8:30am to 1pm Saturdays; Plant only to be operated when on the excavation pit floor; and Crushing and screening activities shall remain more than 500m from the closest adjacent residence. 	Located within each stage of the Prescribed Premises boundary depicted in Figure 1 of Schedule 1.
2	Noise bund	<ul style="list-style-type: none"> 2-4m high topsoil mound must be maintained as a noise bund to ensure the noise levels at the nearby receptors are kept below the assigned noise levels under the <i>Environmental Protection (Noise) Regulations 1997</i>; and Noise bund shall be maintained at 2-4m high during crushing and screening operations. 	Noise bund located in the location marked as '2-4m noise bunding for Dust and Noise reduction' as shown in the Premises Map depicted in Figure 1 of Schedule 1.
3	Stockpile material	<ul style="list-style-type: none"> Stockpile material must not exceed 4m in height; and Stockpiles of material to only be located on the pit floor of excavation areas and along the edges of pits to minimise the generation of fugitive dust. 	Located within each stage of the Prescribed Premises boundary depicted in Figure 1 of Schedule 1.

	Site infrastructure and equipment	Operational requirements	Infrastructure location
4.	Stormwater Management Infrastructure	<ul style="list-style-type: none"> Potentially contaminated stormwater to be captured and prevented from being released in the environment; Ensure that uncontaminated stormwater is kept separate from contaminated or potentially contaminated stormwater; and Stormwater swales must be checked and/or cleaned out following rainfall events (>10mm of rain). 	Located in accordance with the Stormwater Management Infrastructure Map as depicted in Figure 2 of Schedule 1.
3.	10,000L Water Cart	<ul style="list-style-type: none"> Water cart must be available at all times at the Premises during operation phase to manage dust emissions in and around the plant area, product stockpile areas and unsealed access roads. 	Within the Prescribed premises boundary depicted in Figure 1 of Schedule 1.

Emissions and discharges

Dust emissions

6. The works approval holder must ensure that no visible dust generated from the Primary Activities crosses the boundary of the Premises.
7. The works approval holder must manage dust generation at the premises by:
 - (a) wetting down unsealed roads and exposed areas with a water truck;
 - (b) wetting down stockpiles and dust generating operational areas;
 - (c) ceasing dust-generating activities during strong wind conditions or when a north-easterly wind is present; and
 - (d) ensuring truck loads are fully covered prior to leaving the Premises.

Monitoring during time limited operations

8. During the time-limited operations phase authorised in condition 4, the works approval holder must retain the services of a person qualified and experienced in the area of environmental noise assessment and who by their qualifications and experience is eligible to hold membership of the Australian Acoustical Society or the Australian Association of Acoustical Consultants to:
 - a) investigate the nature and extent of noise emissions from the premises including undertaking noise monitoring during normal crushing and screening operations at the boundary of the closest noise sensitive human receptor;
 - b) assess in accordance with the methodology required in the *Environmental Protection (Noise) Regulations 1997*, the compliance of the noise emissions from the Primary Activities, against the relevant assigned levels specified in those Regulations; and
 - c) compile and submit to the works approval holder a report in accordance with

condition 12 within 30 days of completing the investigation required by condition 8(a).

Compliance reporting

9. The report prepared pursuant to condition 8(c) is to include:
 - (a) a description of the methods used for monitoring and/or modelling of noise emissions from the premises;
 - (b) details and the results of the investigation undertaken pursuant to condition 8(a); and,
 - (c) details and results of the assessment of the noise emissions from the premises, against the relevant assigned levels in the *Environmental Protection (Noise) Regulations 1997* undertaken pursuant to condition 8(b).
10. The works approval holder must submit to the CEO the report prepared pursuant to condition 8(c) within 14 days of receiving it.
11. Where an assessment pursuant to condition 8(b) indicates that noise emissions do not comply with the relevant assigned levels in the *Environmental Protection (Noise) Regulations 1997*, the works approval holder must:
 - (a) within 60 days of receiving an assessment report pursuant to condition 8(c) prepare a plan to ensure the undertaking of the licensed activity will no longer lead to any contravention of the *Environmental Protection (Noise) Regulations 1997*; and
 - (b) provide to the CEO a copy of the plan prepared pursuant to condition 11(a) within 30 days of its preparation.
12. A report prepared pursuant to condition 11(b) is to include timeframes for the completion of additional noise mitigation measures.
13. The works approval holder may recommence time limited operations of the infrastructure specified in condition 5 upon implementation of all noise mitigation measures identified in accordance with condition 11(b).
14. Where operations are recommenced in accordance with condition 13, the works approval holder must notify the CEO in writing a minimum of 48 hours prior to recommencing time limited operations.
15. The works approval holder must submit to the CEO a report on the time limited operations within 30 calendar days of the completion date of time limited operations.
16. The works approval holder must ensure the report required by condition 15 includes the following:
 - (a) a summary of the time limited operations, including timeframes and amount of material processed;
 - (b) a summary of the environmental performance of all infrastructure as constructed or installed;
 - (c) a review of performance and compliance against the conditions of the works approval;
 - (d) where the manufacturer's design specifications and the conditions of this works approval have not been met, what measures will the works approval holder take to meet them, and what timeframes will be required to implement those measures.

Records and reporting (general)

- 17.** The works approval holder must record the following information in relation to complaints received by the works approval holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:

 - (a) the name and contact details of the complainant, (if provided);
 - (b) the time and date of the complaint;
 - (c) the complete details of the complaint and any other concerns or other issues raised; and
 - (d) the complete details and dates of any action taken by the works approval holder to investigate or respond to any complaint.
- 18.** The works approval holder must maintain accurate and auditable books including the following records, information, reports, and data required by this works approval:

 - (a) the works conducted in accordance with condition 1;
 - (b) any maintenance of infrastructure that is performed in the course of complying with condition 5;
 - (c) monitoring programmes undertaken in accordance with condition 8; and
 - (d) complaints received under condition 17.
- 19.** The books specified under condition 18 must:

 - (a) be legible;
 - (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
 - (c) be retained by the works approval holder for the duration of the works approval; and
 - (d) be available to be produced to an inspector or the CEO as required.

Definitions

In this works approval, the terms in Table 3 have the meanings defined.

Table 3: Definitions

Term	Definition
ACN	Australian Company Number
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 info@dwer.wa.gov.au
Condition	Condition means a condition to which this Works Approval is subject under s.62 of the EP Act.
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V Division 3 of the EP Act.
discharge	has the same meaning given to that term under the EP Act.
emission	has the same meaning given to that term under the EP Act.
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure and/or equipment has been constructed and/or installed in accordance with the works approval.
EP Act	<i>Environmental Protection Act 1986</i> (WA).
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA).
premises	the premises to which this works approval applies, as specified at the front of this works approval and as shown on the premises map (Figure 1) in Schedule 1 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
Primary activities	Means category 12 prescribed premises activities as defined in Schedule 1 Part 1 of the EP Regulations.
time limited operations	refers to the operation of the infrastructure and equipment identified under this works approval that is authorised for that purpose, subject to the relevant conditions.
works approval	refers to this document, which evidences the grant of the works approval by the CEO under section 54 of the EP Act, subject to the

Term	Definition
	conditions.
works approval holder	refers to the occupier of the premises being the person to whom this works approval has been granted, as specified at the front of this works approval.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is depicted by the blue line as shown in the map below (Figure 1).

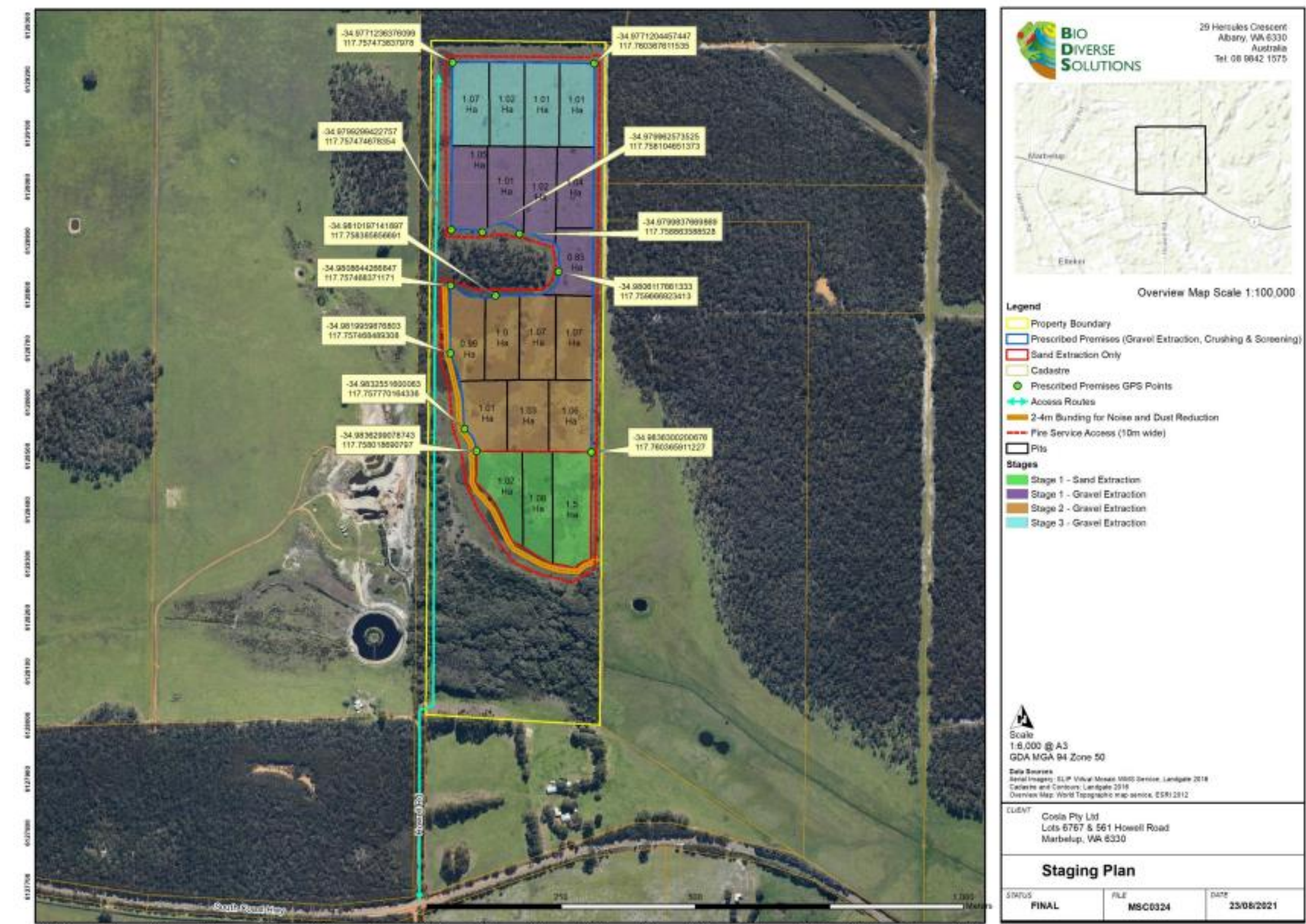


Figure 1: Map of the boundary of the prescribed premises

Stormwater Management Infrastructure map

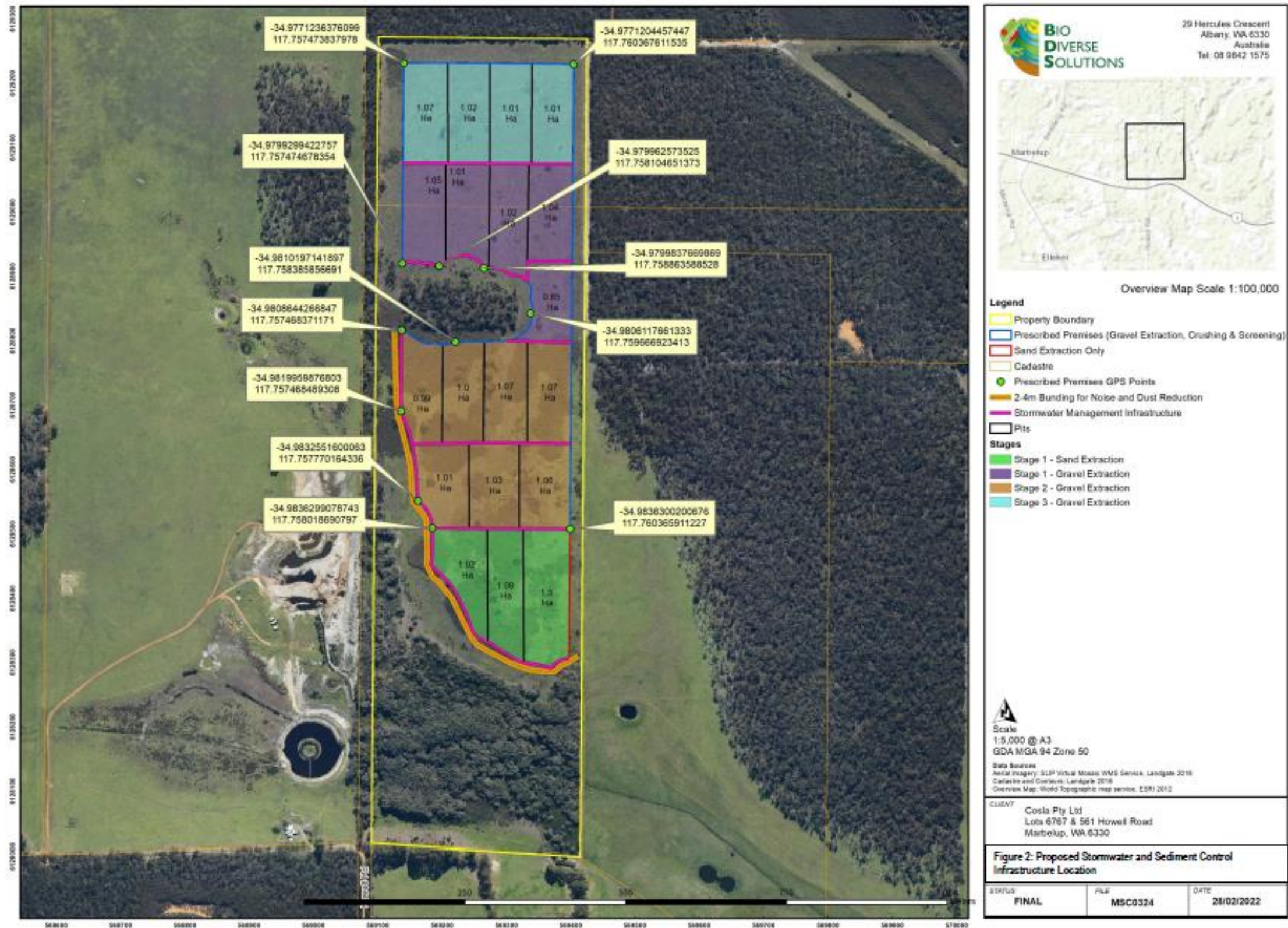


Figure 2: Stormwater management infrastructure at Premises

Schedule 2: Design Drawings

Stormwater Management Infrastructure Layout

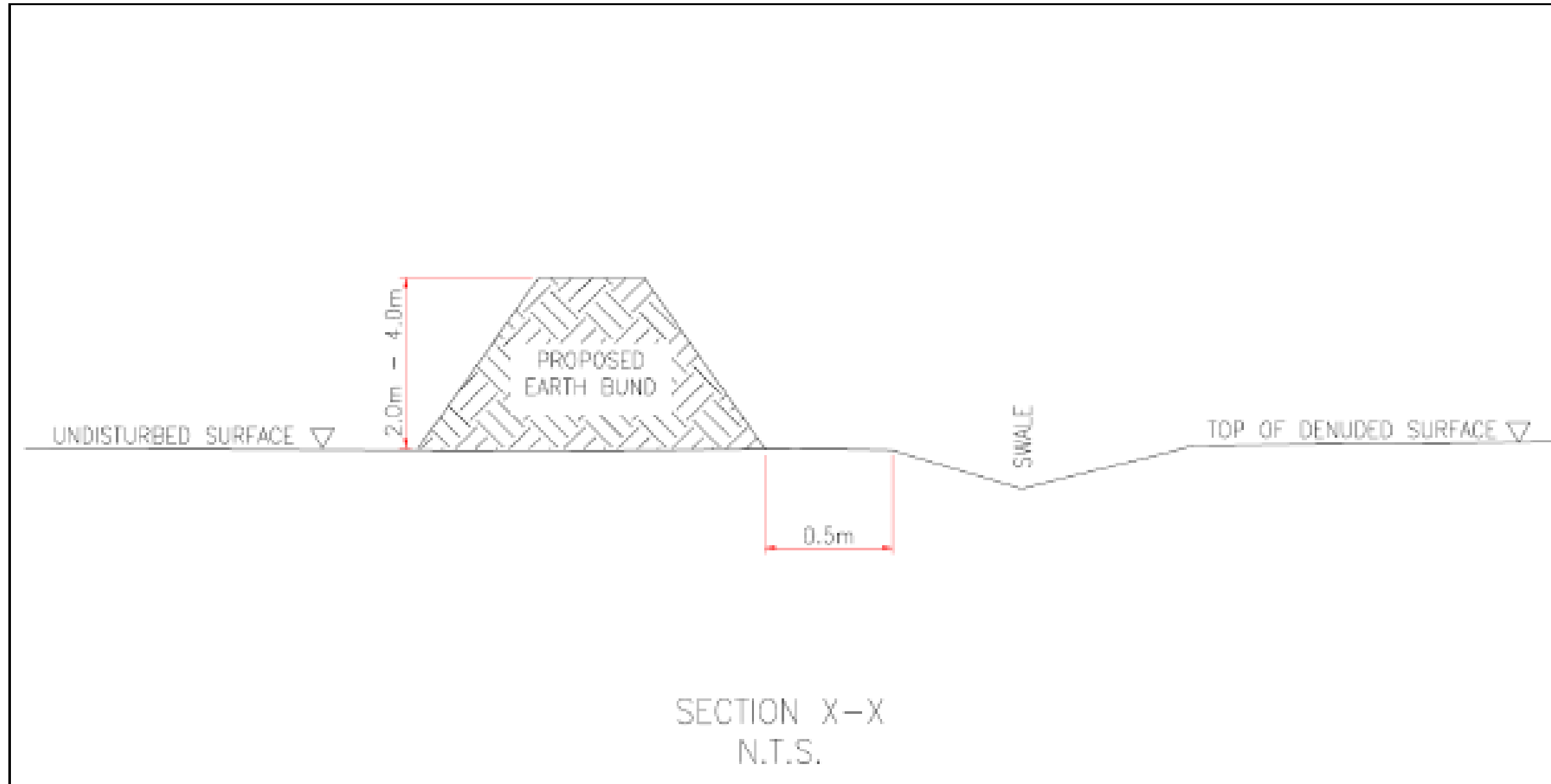


Figure 3: Design drawing showing layout of stormwater management infrastructure

Schedule 2: Premises boundary

The premises boundary is defined by the coordinates in Table 4.

Table 4: Premises boundary coordinates

Latitude	Longitude
-34.9771204457447	117.760367611535
-34.9771236376099	117.757473837978
-34.9799299422757	117.757474678354
-34.9808644266847	117.757468371171
-34.979962573525	117.758104651373
-34.9799837669869	117.758863588528
-34.9806117661333	117.759666923413
-34.9810197141897	117.758385856691
-34.9819959876803	117.757468489308
-34.9832551600063	117.757770164336
-34.9836299078743	117.758018690797
-34.9836300200676	117.760365911227