Government of Western Australia
Department of Water and Environmental Regulation

Works Approval

Works approval number	W6909/2024/1
Works approval holder	Brajkovich Landfill & Recycling (Muchea) Pty Ltd
ACN	663 397 555
Registered business address	Suite 1, 467 Scarborough Beach Road OSBORNE PARK WA 6017
DWER file number	DER2023/000771
Duration	25/07/2024 to 24/07/2027
Date of issue	25/07/2024
Premises details	88 Caladenia Close LOWER CHITTERING WA 6084 Legal description - Lot 9001 on Deposited Plan 71254 Certificate of Title Volume 2789 Folio 776 As defined by the premises map in Schedule 1

Prescribed premises category description **(Schedule 1, *Environmental Protection Regulations 1987*)**	**Assessed design capacity**
Category 63: Class I inert landfill site: premises (other than clean fill premises) on which waste of a type permitted for disposal for this category of prescribed premises, in accordance with the *Landfill Waste Classification and Waste Definitions 1996*, is accepted for burial.	500,000 tonnes per annual period

This works approval is granted to the works approval holder, subject to the attached conditions, on 25 July 2024, by:

Melissa Chamberlain

Digitally signed by Melissa Chamberlain
Date: 2024.07.25 10:46:05 +08'00'

A/MANAGER WASTE 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
25 July 2024	W6909/2024/1	Works approval granted.

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 and/or equipment;

(b) in accordance with the corresponding design and construction / installation requirements; and

(c) at the corresponding infrastructure location; and

(d) within the corresponding timeframe,

(e) as set out in Table 1.

Table 1: Design and construction / installation requirements

	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	Unlined landfill cell 1	a) Existing clay extraction pit shown as "Landfill Cell 1" in Schedule 1, Figure 1, is to be used as a landfill cell. b) Construction of additional landfill cells is not permitted. c) Base of landfill cell must be a minimum of 2 m above the highest seasonal groundwater level.	As per the location of "Landfill Cell 1" specified in Schedule 1, Figure 1.
2.	Surface water management system	The stormwater management system must be designed and constructed to meet the following specifications: a) Constructed in accordance with the design drawings provided in Schedule 1, Figure 2. b) Two sumps/basins are to be constructed: i. Sump/basin 1 with minimum storage capacity of 2,621 m^3; and ii. Sump/basin 2 with minimum storage capacity of 3,017 m^3. c) Sump 1 and sump 2 must be lined with 300 mm of compacted clay, achieving a permeability of 1 x 10^{-9} m/s. d) Sump 1 to be surrounded by 1:3 batters. e) Open trapezoidal stormwater swales are to be constructed to direct stormwater from catchment areas to sumps. f) Swales must be filled with aggregate and have gradients of 1:3 to prevent scouring. g) Sumps and swales must be capable of	As per Schedule 1, Figure 2

	Infrastructure	Design and construction / installation requirements	Infrastructure location
		containing runoff from a 1-hour rainfall event with an annual exceedance probability of 1%.	
3.	Perimeter bunds	a) Perimeter bunds must be constructed from compacted clay with 300 mm thick layers on the inward to prevent runoff from site and direct stormwater to the surface water management system.	As shown in Schedule 1, Figure 1.
4.	Designated Quarantine Storage Area	a) Must comprise of a pad of low permeability ($1x10^{-9}$) or a sealed bottom container designed to temporarily hold non-conforming waste and to prevent the release to the environment of any emissions that may arise from the waste. b) Must be signed and marked Designated Quarantine Storage Area Only. c) A 5 m wide buffer must be maintained around the Designated Quarantine Storage Area.	Shown as area labelled "Quarantine Storage Area" in Schedule 1, Figure 1.
5.	Five Groundwater monitoring bores/wells	a) Groundwater monitoring well installation must be supervised by a suitably qualified person. b) Groundwater monitoring wells must be designed and constructed in accordance with *ASTM D5092/D5092M-16: Standard practice for design and installation of groundwater monitoring wells.* c) Soil samples must be collected and logged during the installation of the monitoring wells. d) A record of the geology encountered must be described and classified in accordance with the Australian Standard Geotechnical Site Investigations AS1726-2017. e) Well construction details must be documented within a well construction log to demonstrate compliance with *ASTM D5092/D5092M-16.* The construction logs shall include elevations of the top of casing position to be used as the reference point for water-level measurements, and the elevations of the ground surface protective installations. f) All installed monitoring wells must be developed after drilling to remove fine sand, silt, clay, and any drilling mud residues from around the well screen to ensure the hydraulic functioning of the well. A detailed record should be kept of well development activities and included in	As per Schedule 1, Figure 3.

	Infrastructure	Design and construction / installation requirements	Infrastructure location
		the well construction log. g) The vertical (top of casing) and horizontal position of each monitoring well must be surveyed and subsequently mapped by a suitably qualified surveyor. h) A well location map (using aerial image overlay) must be prepared and include the location of all monitoring wells in the monitoring network and their respective identification numbers.	
6.	Boundary fence	a) A 1.8 m wire mesh fence is to be constructed around the site perimeter to prevent unauthorised access to the premises. b) Locked gates are to be provided to permit authorised access via restricted points at driveways and internal haul roads.	Along the prescribed premises boundary shown in Schedule 1, Figure 1.

Dust Management

2. The works approval holder must have sufficient water available onsite at all times to adequately dampen exposed surfaces, to reduce dust emissions during construction activities.

3. The works approval holder must ensure that no visible dust generated from the works crosses the boundary of the premises.

Compliance reporting

4. The works approval holder must within 60 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.

5. The Environmental Compliance Report required by condition 4, must include as a minimum the following:

(a) certification by a suitably qualified engineer 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) confirmation that the entire base of landfill cell 1 is a minimum of 2 m above the highest seasonal groundwater level using survey data from each landfill cell and from on-site groundwater monitoring bores;

(c) as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1; and

(d) 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

6. The works approval holder may commence time limited operations for an item of infrastructure identified in condition 1 once the Environmental Compliance Report has been submitted for that item of infrastructure in accordance with condition 4 of this works approval.

7. The works approval holder may conduct time limited operations for an item of infrastructure specified in condition 1:

(a) for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 6 for that item of infrastructure; or

(b) until such time as a licence for that item of infrastructure is granted in accordance with Part V of the *Environmental Protection Act 1986* if one is granted before the end of the period specified in condition 7(a).

8. During time limited operations, the works approval holder must ensure that the premises infrastructure 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 operational requirements during time limited operations

	Infrastructure/ equipment	**Operational requirements**	**Infrastructure location**
1.	Unlined landfill cell 1	a) Cell shall be filled with Inert Waste Type 1 and clean fill only, in accordance with Table 4 (waste processing). b) The landfilling activities are to be managed to ensure that; i) waste is levelled and compacted to an even density (0.95-1.5 t/m^3) within 24 hours of being discharged; and ii) waste is placed and compacted to ensure all faces are stable and capable of retaining restoration material.	As shown in Schedule 1, Figure 1.
2.	Surface water management system	a) Bunding is to be maintained to divert stormwater from the landfill and retain water onsite. b) Stormwater sumps/basins and drainage swales must be maintained in good condition at all times. c) Adequate water is to be available within the stormwater basins at all times for fire-fighting purposes and for effective dust suppression onsite. d) Water levels in stormwater sumps/basins are to be monitored daily and if insufficient water is available for dust	As shown in Schedule 1, Figures 1 and 2.

	Infrastructure/ equipment	Operational requirements	Infrastructure location
		suppression and firefighting (minimum 12,000L) then additional water must be carted onto the site for use.	
3.	Groundwater monitoring bores	a) Must be maintained in good condition.	As shown in Schedule 1, Figure 3.
4.	1 x Water cart (minimum 12,000 L capacity)	a) Must be maintained in good working order. b) Fitted with a fire hose application for fire-fighting purposes or additional dust control. c) Used to wet down all roadways, and waste stockpiles during sorting, handling of material, and disposal to landfill.	Within the prescribed premises boundary shown in Schedule 1, Figure 1.
5.	Mobile reticulation lines	a) Maintained in good working order. b) Used to wet down stockpiles and all areas inaccessible to the water cart. c) Must be capable of wetting down the entire surface of all stockpiles evenly to maintain the stockpiles in a damp state. d) Must have the ability to be set automatically to maintain stockpiles in a damp state outside of operational hours.	Within the prescribed premises boundary shown in Schedule 1, Figure 1.
6.	2 x loaders	a) Must be maintained in good working order. b) Operation to cease at wind speeds above 35 knots. c) Only to be operated between the hours of 7.00 am to 7.00 pm Monday to Friday (excluding public holidays) and from 7.00am to 3.00pm on Saturdays.	Within the prescribed premises boundary shown in Schedule 1, Figure 1.
7.	3 x excavators		
8.	1 x compactor		
9.	3 x Large semi-tippers		
10.	Fire extinguishers	a) Must be regularly serviced and maintained in good working order. b) Must be installed in the cab of all machinery or within reach of the cab. c) Must be available at the gatehouse and wherever fuel is stored on the premises.	Within the prescribed premises boundary shown in Schedule 1, Figure 1.

Dust emission controls

9. The works approval holder must ensure that:

(a) all waste stockpiles; and

(b) all unsealed access roads

are maintained in a damp state to prevent visible dust emissions from the premises.

10. The works approval holder must prevent the visible uplift of dust at all times on soil bunds and waste stockpiles through the use of:

(a) automated sprinklers on top of stockpiles in accordance with Table 2; and/or

(b) effective hydro-mulching of unworked stockpiles and soil bunds.

11. The works approval holder must ensure that all vehicles operate at speeds of less than 10 km/hr through the premises.

Waste acceptance

12. The works approval holder must only accept onto the premises waste of a waste type that:

(a) does not exceed the rate at which waste is received for the specified prescribed premises categories; and

(b) which meets the corresponding acceptance specification, as set out in Table 3.

Table 3: Types of waste authorised to be accepted onto the premises

Waste type	Rate at which waste is received	Acceptance specification
Clean Fill	N/A	a) Raw excavated natural material such as clay, gravel, sand, soil or rock fines that has been excavated or removed from the earth in areas that have not been subject to potentially contaminating land uses including industrial, commercial, mining or intensive agricultural activities.
Inert Waste Type 1	500,000 tonnes per annual period	a) Soil or clay validated within EIL criteria for potential contaminants. b) Wet soil or clay may be accepted but must be spadeable. c) Asphalt waste. d) Construction and Demolition material comprising bricks, concrete, tiles, ceramics, and associated unavoidable small quantities of paper, plastics, glass, metal and timber resulting from: i) the demolition, erection, construction, refurbishment or alteration of buildings; or ii) the construction, repair or alteration of infrastructure type developments such as roads, bridges, dams, tunnels, railways and airports e) Must not be mixed with any other type of waste (specifically putrescible waste such as green and food waste); and f) Must not contain any visible asbestos, ACM, chemically treated timber.

13. The works approval holder must ensure that where waste does not meet the waste acceptance criteria set out in Condition 12, it is removed from the premises by the delivery vehicle or, where that is not possible, stored in a quarantined storage area or container and removed to an appropriately authorised facility as soon as practicable.

Waste inspection

14. Prior to acceptance of waste onto the premises, the works approval holder must visually inspect all loads of waste at the gatehouse to determine that the waste meets the waste acceptance requirements set out in condition 12.

15. During pre-inspection of waste loads at the gatehouse, where waste does not meet the waste acceptance requirements set out in condition 12, the works approval holder must:

(a) record the details of the:

i) waste (type, description and volume);

ii) source of the waste load;

iii) name of the waste carrier;

iv) registration number of the delivery vehicle; and

v) date that the waste load was rejected,

and

(b) reject the waste and have it removed from the premises by the waste supplier's delivery vehicle;

or

(c) where the waste supplier cannot immediately remove the waste in the delivery vehicle, it is stored in a Designated Quarantine Storage Area and removed to an appropriately authorised facility within 14 days of receipt.

Waste processing

16. The works approval holder must ensure that the waste types specified in Table 4 are only subjected to the corresponding processes, subject to the corresponding process limits and/or specifications.

Table 4: Waste processing

Waste Type		Processes	Process limits and/or specifications
1.	Clean fill Inert Waste Type 1	Acceptance, handling, sorting and storage prior to disposal to landfill or removal offsite	a) Must be wet down prior to unloading and loading; b) Must be sorted in the sorting area specified in Schedule 1, Figure 1. c) Residual waste such as paper, plastics, glass, metal, and timber must be separated during sorting, and stored separately from materials for landfilling, for removal offsite. d) Residual waste must be clearly identified and marked.

Waste Type		Processes	Process limits and/or specifications
			e) Wet soil or clay meeting the acceptance requirements in Table 3 must be stockpiled separately and allowed to dry out prior to landfilling. f) Clay/soil stockpiles must be clearly identified and marked. g) Clean fill must be stockpiled separately to other materials and clearly identified and marked.
2.	Clean fill Inert Waste Type 1	Disposal by landfilling after sorting	a) Only landfilling of sorted waste, with all residual wastes removed, is permitted. b) Landfilling must only occur in landfill cell 1 as depicted in Figure 1.
3.	Residual waste Non-conforming waste	Temporary storage prior to removal offsite for recycling or disposal to an appropriate authorised facility	a) Must be stored in the Designated Quarantine Storage Area as depicted in Figure 1. b) All suspected or assumed ACM must be clearly labelled, kept secure and sufficiently contained to prevent the release of asbestos including wind-blown fibres.

Monitoring during time limited operations

17. The works approval holder must record the total amount of waste accepted onto the premises, for each waste type listed in Table 5, in the corresponding unit, and for each corresponding time period, as set out in Table 5.

Table 5: Waste accepted onto the premises

Waste Type	Units	Time Period
Waste accepted in accordance with Table 3	Tonnes	Each load arriving at the premises

The works approval holder must record the total amount of waste removed from the premises, for each waste type listed in

Table 6, in the corresponding unit, and for each corresponding time period set out in

18. Table 6.

Table 6: Waste removed from the premises

Waste Type	Units	Time Period
Waste type as defined in the Landfill Definitions	Tonnes	Each load rejected or removed from the premises

19. The works approval holder must monitor groundwater quality during time limited operations in accordance with Table 7.

Table 7: Groundwater quality monitoring

Monitoring well location	Parameter	units	Frequency	Method
Bore 1, Bore 2, Bore 3, Bore 4 and Bore 5 as per Schedule 1, Figure 3	Standing water level[1]	m(AHD) & m (BGL)	Prior to landfilling activities commencing and quarterly thereafter.	Spot sample in accordance with AS/NZS 5667.1 and AS/NZS 5667.11
	pH[1]	pH		
	Electrical conductivity[1]	µS/cm		
	Redox potential[1]	mV		
	Dissolved Oxygen[1]	mg/L		
	Total dissolved solids[1]			
	Major ions (sodium, potassium, calcium, magnesium, chloride, sulfate, bicarbonate, total alkalinity)			
	Total Nitrogen			
	Nitrate as N			
	Nitrite as N			
	Total Kjeldahl Nitrogen			
	Total Phosphorus			
	Metals (arsenic, cadmium, copper, chromium, lead,			

Monitoring well location	Parameter	units	Frequency	Method
	mercury, nickel and zinc)			
	Total recoverable hydrocarbons			
	Benzene, toluene, ethylbenzene, xylenes			
	Polycyclic aromatic hydrocarbons			
	Polychlorinated biphenyls			
	Volatile organic compounds			
	Semi-volatile organic compounds			
	Phenolics			
	Organochlorine pesticides			

Note 1: In-field non-NATA accredited analysis is permitted

20. The works approval holder must adhere to the following field quality assurance and quality control procedures, as specified in Schedule B2 of the Assessment of Site Contamination NEPM, and must include as a minimum:

(a) decontamination procedures for the cleaning of tools and sampling equipment before sampling and between samples;

(b) field instrument calibration for instruments used on site;

(c) blind replicate samples and rinsate blanks must be collected in the field and sent to the primary laboratory to determine the precision of the field sampling and laboratory analytical program;

(d) completed field monitoring sheets / sampling logs for each sample collected, showing:

(i) time of collection;

(ii) location of collection;

(iii) initials of sampler;

(iv) sampling method;

(v) field analysis results for electrical conductivity, dissolved oxygen, temperature, redox potential and pH;

(vi) duplicate type / location (if relevant); and

(vii) site observations and weather conditions, and

(e) chain-of-custody documentation must be completed which details the following information:

(viii) site identification;

(ix) the sampler;

(x) nature of the sample;

(xi) collection time and date;

(xii) analyses to be performed;

(xiii) sample preservation method;

(xiv) departure time from site;

(xv) dispatch courier(s); and

(xvi) arrival time at the laboratory.

21. All sample analysis must be undertaken by laboratories with current accreditation from the National Association of Testing Authorities (NATA) for the relevant parameters, unless otherwise specified in Table 7.

Noise monitoring

22. Within 30 days of the commencement of time-limited operations, 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;

(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 within 120 days of the commencement of time-limited operations, a report in accordance with condition 23.

23. A report pursuant to condition 22(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 results of the investigation undertaken pursuant to condition 22(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 22(b).

24. The works approval holder must submit to the CEO the report prepared pursuant to condition 22(c) within 14 days of receiving it.

25. Where an assessment pursuant to condition 22 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 22(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 the CEO a copy of the plan prepared pursuant to condition 23 within 30 days of its preparation.

Compliance reporting

26. 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 or 30 calendar days before the expiration date of the works approval, whichever is the sooner.

27. The works approval holder must ensure the report require by condition 26 includes the following:

(a) a summary of the time limited operations, including timeframes and volumes of waste material processed and removed from the premises (in tonnes);

(b) a review of performance and compliance against the conditions of the works approval; and

(c) where 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)

28. 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.

29. 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 8;

(c) monitoring programmes undertaken in accordance with conditions 17,0 and 19; and

(d) complaints received under condition 28.

30. The books specified under condition 29 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 8 have the meanings defined.

Table 8: Definitions

Term	Definition
ACM	means asbestos containing material and has the meaning defined in the *Guidelines for Assessment, Remediation and Management of Asbestos Contaminated Sites in Western Australia*
Acceptance criteria	Has the meaning defined in the Landfill Definitions
Annual Audit Compliance Report	means a report submitted in a format approved by the CEO (relevant guidelines and templates may be available on the Department's website)
annual period	a 12 month period commencing from 1 July until 30 June of the immediately following year.
asbestos	means the asbestiform variety of mineral silicates belonging to the serpentine or amphibole groups of rock-forming minerals and includes actinolite, amosite, anthophyllite, chrysotile, crocidolite, tremolite and any mixture containing 2 or more of those.
AS 1726-2017	means the Australian Standard AS 1726 Geotechnical site investigations dated 2017
AS/NZS 5667.1	means the Australian Standard AS/NZS 5667.1 Water quality – sampling – guidance on the design of sampling programs, sampling techniques and the preservation and handling of samples.
AS/NZS 5667.11	means the Australian Standard AS/NZS 5667.11 Water quality – sampling – guidance on sampling of groundwaters.
Assessment of Site Contamination NEPM	means the *National Environment Protection (Assessment of Site Contamination) Measure*
ASTM D5092/D5092M-16	means the ASTM international standard for Standard practice for design and installation of groundwater monitoring wells dated 2016 (Designation: ASTM 5092/D5092M-16).
books	has the same meaning given to that term under the EP Act.

Term	Definition
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the *Environmental Protection Act 1986* Locked Bag 10 Joondalup DC WA 6919 info@dwer.wa.gov.au
chemically treated timber	means timber treated with compounds such as copper chrome arsenate (CCA), high temperature creosote (HTC), pigment emulsified creosote (PEC) and light organic solvent preservative (LSOP).
clean fill	Has the meaning defined in the Landfill Definitions
damp	Means wet enough that dust cannot be visibly generated
Department	means the department established under section 35 of the *Public Sector Management Act 1994* 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.
EIL criteria	means Ecological Investigation Levels in the *National Environment Protection (Assessment of Site Contamination) Measure 1999*, which are the numerical limits for contaminants which are designed to protect soil, soil microbes, and terrestrial flora and fauna, from the damaging effects of those contaminants.
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	*Environmental Protection Act 1986* (WA).
EP Regulations	*Environmental Protection Regulations 1987* (WA).
Green Waste	means waste that originates from flora and which does not contain or has not been treated or coated with, preserving agents, biocides, fire retardants, paint, adhesives or binders.
Inert Waste Type 1	has the meaning defined in the Landfill Definitions
Inert Waste Type 2	has the meaning defined in the Landfill Definitions
Minimum Construction	means the document published by the National Uniform Drillers Licensing Committee titled Minimum Construction Requirements

Term	Definition
Requirements for Water Bores in Australia	for Water Bores in Australia.
NATA	means the National Association of Testing Authorities
non-conforming waste	means waste that does not comply with the waste acceptance requirements set out in condition 12.
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.
putrescible Waste	means the component of the waste stream likely to become putrid – including wastes that contain organic materials such as food wastes or wastes of animal or vegetable origin, which readily bio-degrade within the environment of a landfill.
residual waste	means physical contaminants such as timber, glass, plastic and metals which have been separated, screened or otherwise removed during the sorting of Construction and Demolition Waste
spadeable	has the meaning defined in the Landfill Definitions.
suitably qualified engineer	means a person who: (a) holds a Bachelor of Engineering recognised by the Institute of Engineers, Australia; and (b) has a minimum of at least five years of experience working in the area of civil engineering or is otherwise approved by the CEO to act in this capacity.
Suitably qualified person	means a person who: (a) holds a bachelors degree in environmental science, geology or hydrogeology; and (b) has a minimum of three years of experience supervising drilling and installation of groundwater monitoring wells.
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.
waste	has the same meaning given to that term under the EP Act.
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 conditions.

Term	Definition
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

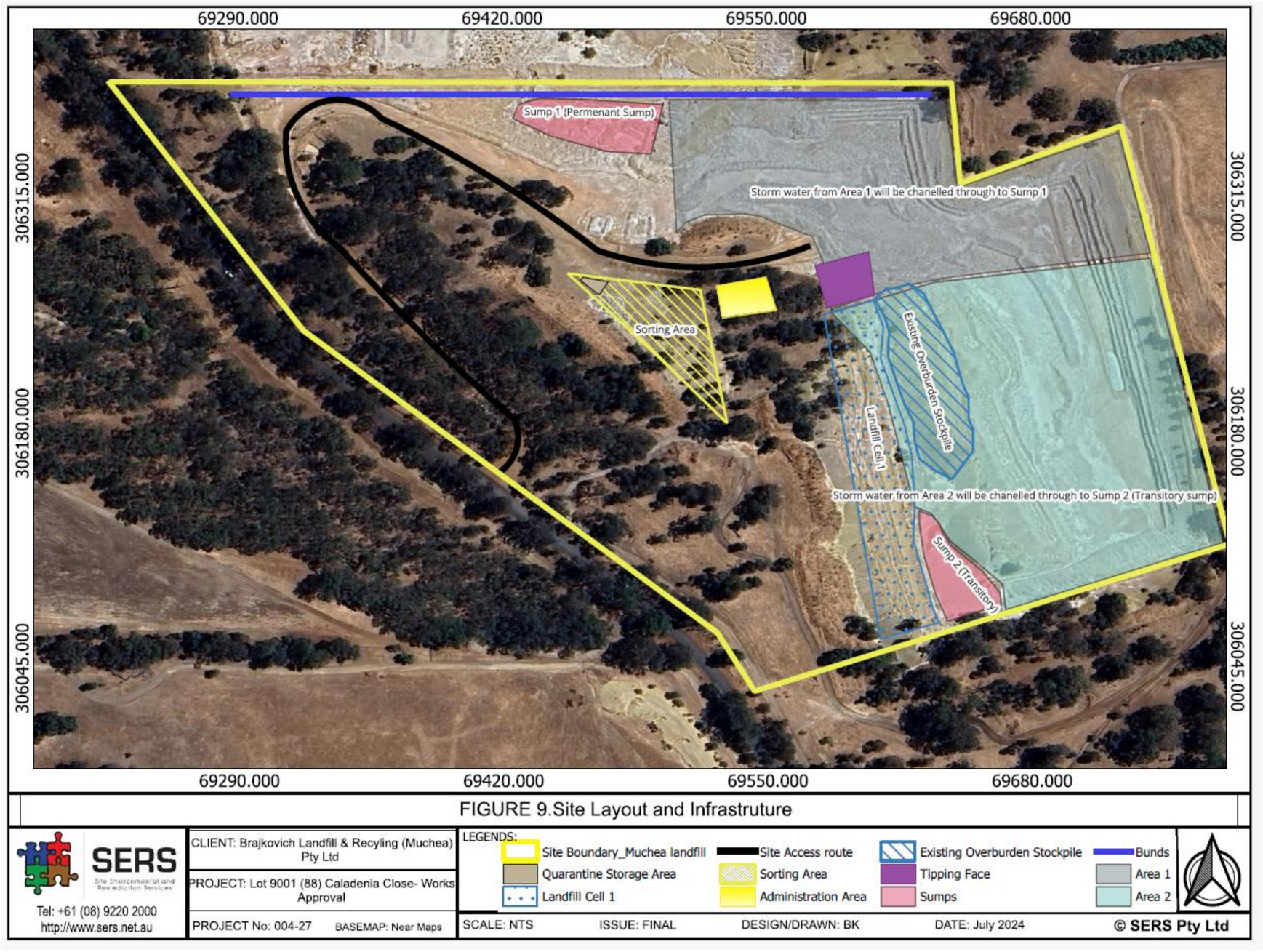


Figure 1: Map of the layout of the prescribed premises with the boundary of the prescribed premises outlined in yellow

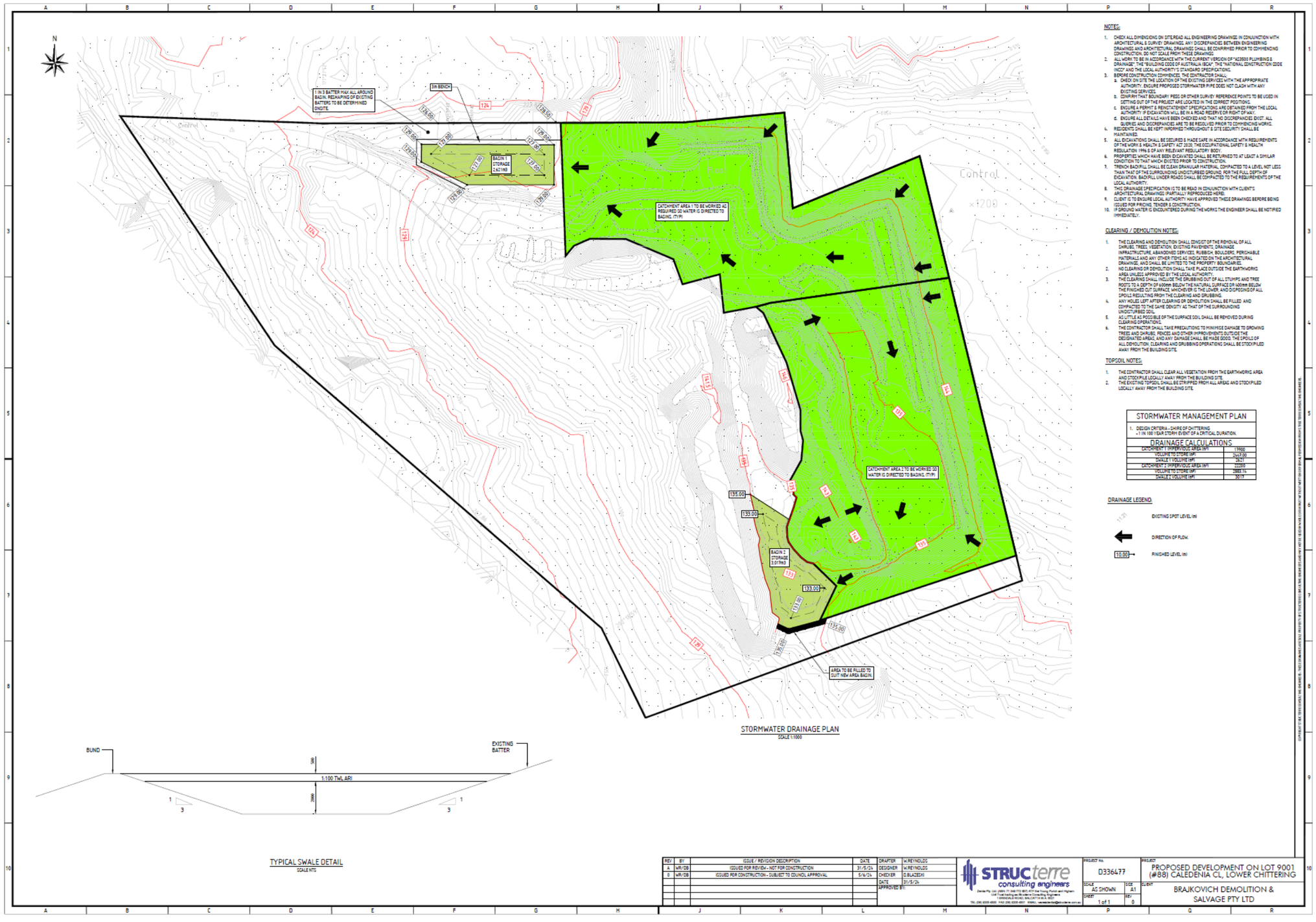
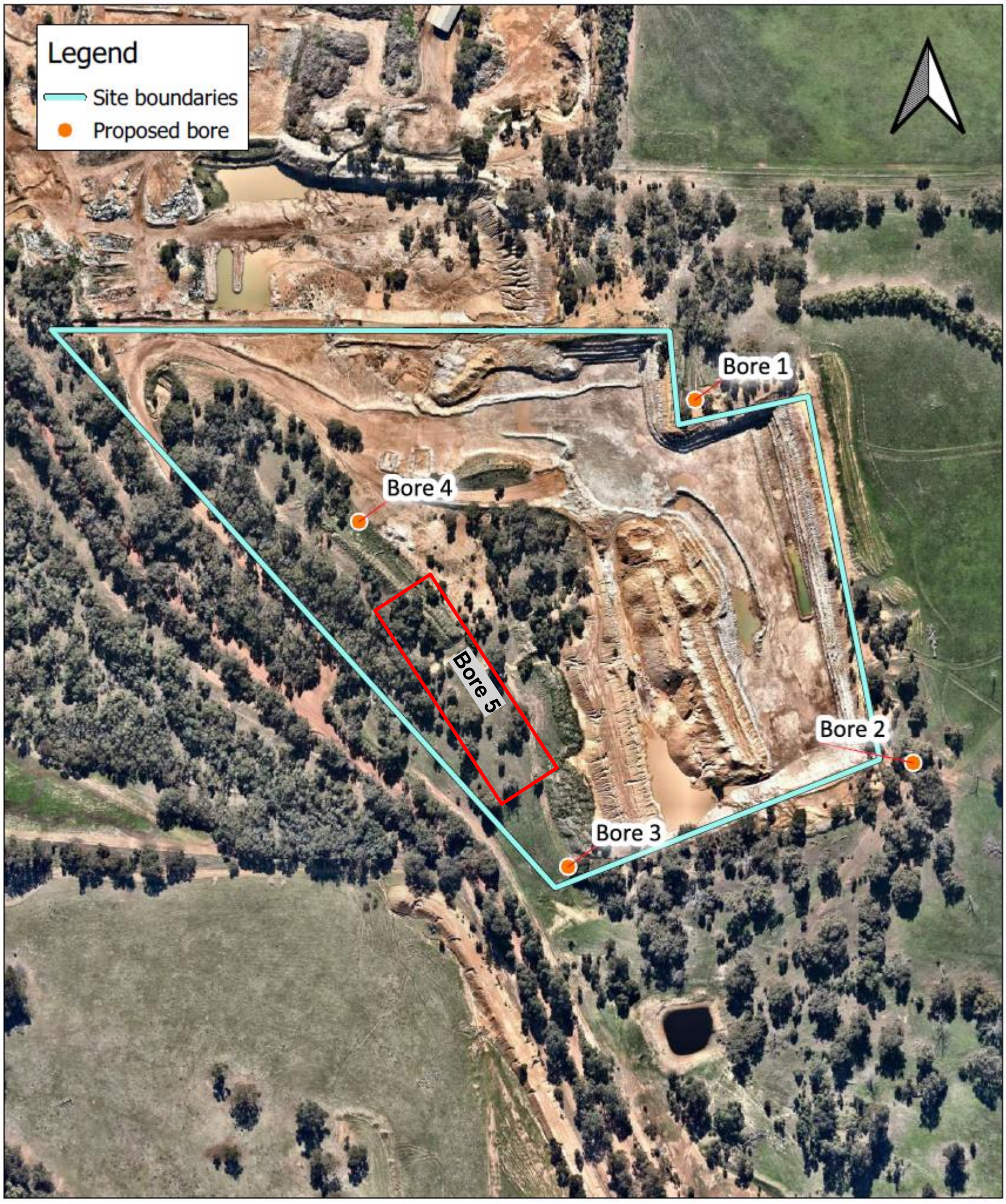


Figure 2: Stormwater drainage plan



TITLE	Figure 7. Proposed Bore Locations			SERS Site Environmental and Remediation Services
PROJECT	Lot 9001 (88) Caladenia Close, Lower Chittering		PROJECT CODE 004-27	
CLIENT	Brajkovich Landfill and Recyling (Muchea) Pty Ltd	VERSION 00	DATE 01/11/2023	SCALE 0 50 100 m
DESIGN/DRAW BK	APPROVED BY: MC	SOURCE Coordinate System GDA2020. Basemap 1: Google Maps Terrain and Satellite.		

Figure 3: Groundwater monitoring bore locations (Bore 5 to be installed at an appropriate location within the red rectangle shown)