Waste Management and Recycling Plan



Central Station Main Works Project

Central Station Main Works ProjectWaste Management and Recycling Plan



Project name	Central Station Main Works
Client	Sydney Metro City & South West – Sydney Metro
Client contract number	SMC
Laing O'Rourke contract number	K51

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3	15/01/19	Update to section on legislation and guidelines S2.3 and Appendix A, B, C and D updated for contact details of waste facilities and location and EPL numbers.	LD		Lucas Dobrolot
4	30/04/2020	For Approval	NC		Nick Clarke
5	22/06/2021	Formatting changes, to address Sydney Metro comments, merge of Appendix A and C Update to Section 3 – Estimates of Waste Streams, address Sydney Metro Comments	JA		Approved
6	30/05/2022	Minor updates to Section 2.2. Waste prediction update to Section 3, table 5 Design update to Section 4.1.1 New section 4.9 office waste Appendix A, B and C update	AS/SQ/BR		Approved

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Management reviews

Review Date	Reviewed By	Details	Initial	Date
1	Lucas Dobrolot	Update to section on legislation and guidelines S2.3 and Appendix A, B, C and D updated for contact details of waste facilities and location and EPL numbers.	LD	15/01/19
2	Nick Clarke	Update to Section 3 – Estimates of Waste Streams, address Sydney Metro Comments		22/06/2021
3	Alyssa Slaney		AS	30/05/2022

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1. Introduction

1.1 Purpose and Application

This Waste Management and Recycling Plan (WMRP) outlines the Sustainability and Environmental management arrangements that will be used to deliver the Sydney Metro City & South West - Central Station Main Works Project (CSM).

The WMRP enables the Project to manage sustainability in relation to waste in a systematic manner, and is applicable to the Project, and all of the Project's activities, products and services that the Project determines it can either control or influence considering a life cycle perspective.

This WMRP is a sub plan of the Sustainability Management Plan SMCSWSMC-LOR-SMC-SU-PLN-000001 (SMP) and shall be read in conjunction with it.

1.2 Sydney Metro City & South West – CSM

The Sydney Metro City & Southwest project is the second stage of the Sydney Metro program, extending from Chatswood, under Sydney Harbour, through the central business district (CBD) and beyond to Bankstown. It includes seven new metro stations and the upgrade of all eleven existing stations between Sydenham and Bankstown. The Sydney Metro City & South West project is due to open in 2024 with the capacity to run a metro train every two minutes each way through the centre of Sydney.

The CSM project is a core component of the Sydney Metro City & Southwest, the CSM works will enhance and support Central Station as a gateway to the city and the NSW transport network delivering a multi-modal interchange with links between Sydney Metro, the existing suburban and intercity rail network, and light Rail.

The CSM Works comprise Metro Station Works, the Central Station Works and the Central Walk Works the full scope of which are described in the Scope of Works and Technical Criteria (SWTC).

1.3 Sydney Metro City & Southwest Sustainability Strategy

Sydney Metro is Australia's largest public transport project. Sydney Metro will deliver 31 metro stations and more than 66 kilometres of new metro rail which intends to increase the capacity of Sydney's passenger rail system by 60% by 2024.

The Sydney Metro City & Southwest Sustainability Strategy 2017-2024 seeks to define sustainability, and as such defines that

"For Sydney Metro 'sustainability' means optimising environmental and social outcomes, transport service quality, and cost effectiveness."

Within the context of CSM, this Plan provides the governance framework to assist the delivery of the Sydney Metro Sustainability Strategy as it applies to Sustainable use of Materials.

The related Sydney Metro Sustainability Strategy objectives are outlined in Table 1 below.

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Strategic Theme	Strategic Objective		
Governance	Demonstrate leadership by embedding sustainability objectives into decision making.		
	Demonstrate a high level of performance against objectives and appropriate benchmarks.		
	Be accountable and report publicly on performance		
Environmental Performance	Reduce sources of pollution and optimise control at source to avoid environmental harm.		
	Comply with environmental obligations outlined in applicable project planning approvals.		
Resources – Waste & Materials	Minimise waste through the Project lifecycle.		
	Reduce materials consumption.		
	Consider embodied impacts in materials selection.		
	Maximise beneficial reuse of spoil.		

Table 1 Establishes the CSM Objectives and Targets associated with this strategic vision.

1.4 Update and Ongoing Development

The WMRP will be updated with the SMP in accordance with the requirements of the contract-(Management Requirements – Project Administration – Central Station Main Works (MR-PA) Clause 2.4) as a minimum every 6 months.

Updates and development of the WMRP will ensure it remains consistent with Project priorities, risk management, client requirements and Project objectives, taking into account:

- · The status and progress of activities
- · Changes in the design, delivery and operations processes and conditions
- Lessons learnt during delivery and operations
- · Changes in other related Project Plans
- Requirements and matters not covered by the existing Project Plans
- Changes to Plans resulting from any comments from the Principals Representative.

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2. Planning

2.1 Sustainability Policy

Achieving sustainability is an integral part of Laing O'Rourke's corporate vision. The Sustainability Policy which will be implemented on the on the CSM Project is found in Appendix A of the Sustainability Management Plan (SMCSWCSM-LOR-SMC-SU-PLN-000001).

2.2 Objectives & Targets

2.2 Ob	jectives & Targets	
Strategic Theme	CSM Target	
Governance	 IS Rating: achieve a Leading "Design" rating (score of at least 75, with a target of 79) achieve a Leading "As Built" rating (score of at least 75, with a target of 79) Green Star achieve a GSDABRT 'Design Review' rating of at least 5 stars for the design of the Works. achieve a GSDABRT 'As Built' rating of at least 5 stars for the delivery of the Works. Note IS-Rating does not apply to Metro Station Works. Green star applies only to Metro Station Works. 	
Environmental Performance	 Identify and implement pollution control initiatives in design and construction which target zero major pollution incidents. 	Section 2.2, Table 2, Sustainability Management Plan (SMCSWCSM- LOR-SMC-SU-PLN-000001)
Revised Environmental Performance Outcome	 WM1 All waste would be assessed, classified, managed and disposed of in accordance with the NSW Waste Classification Guidelines. WM2 100 per cent of spoil that can be reused would be beneficially reused in accordance with the project spoil reuse hierarchy. WM3 A recycling target of at least 90 per cent would be adopted for the construction of the project. WM4 Construction waste would be minimised by accurately calculating materials brought to the site and limiting materials packaging. 	Section 4 and throughout this document
Resources – Waste and Materials	 For those activities where ISCA IS Ratings are required, The CSM Contractor must achieve or exceed the following ISCA IS Rating Scheme Version 1.2 credit requirements: Level 2 for credit Mat-1 'Materials footprint measurement and 	Management Plan (SMCSWCSM- LOR-SMC-SU-PLN-000001) Appendix C of the Sustainability

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reduction', demonstrating a 20% reduction in materials lifecycle impacts compared to a base case footprint.

reduction', demonstrating a 20% targeted credits for green star including reduction in materials lifecycle waste credit

- Ensure that at least 95% of inert and nonhazardous construction and demolition waste, excluding spoil, and at least 60% of office waste generated during the CSM Contractor's Activities is recycled or alternatively beneficially reused.
- Identify and implement opportunities for recycling and reuse of non-putrescible general solid wastes (other than construction and demolition waste and office waste).
- Negotiate and implement packaging takeback arrangements with suppliers.
- Use reusable formwork where practicable.
- Use compostable or reusable temporary erosion control devices where practicable.
- 1 point using the Green Star Tool waste benchmarks for the Metro Station Works (i.e divert > 90% of waste from landfill and achieve a gross waste benchmark of Waste 10kg/m2 (GFA) waste to landfill.

Sydney Metro Construction Environmental Management Framework / CoA E106

Sydney Metro Waste Management and Recycling

17.1 Waste Objectives:

- The following waste objectives will apply to construction:
 - i. Minimise waste throughout the project life-cycle; and
 - ii. Waste management strategies will be implemented in accordance with the Waste Avoidance and Resource Recovery Act 2001 management hierarchy as follows:
 - Avoidance of unnecessary resource consumption;
 - Resource recovery (including reuse, reprocessing, recycling and energy recovery); and
 - Disposal.
 - Targets for the recovery, recycling or reuse of construction waste, and beneficial reuse of spoil will be provided by the Principal Contractor (defined by ISCA and Revised Environmental Performance Outcome).

17.2 Waste Implementation:

a. Principal Contractors will develop and implement a Waste Management and Recycling Plan which will include as a minimum:

17.1 of CEMF

Section 5.4.1 for waste avoidance Section 4.2 for resource recovery Section 3 targets for recovery

17.2 of CEMF

Section 4.3 for waste classification Section 2.4 for key responsibilities Section 5 for monitoring Appendix D for waste tracking Section 5.4.1 for GREP (WRAPP)

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- i. The waste management and recycling mitigation measures as detailed in the environmental approval documentation;
- ii. The responsibilities of key project personnel with respect to the implementation of the plan;
- iii. Waste management and recycling monitoring requirements;
- iv. A procedure for the assessment, classification, management and disposal of waste in accordance with the Waste Classification Guidelines (DECC, 2008); and
- v. Compliance record generation and management.
- b. Principal Contractors will undertake the following waste monitoring as a minimum:
 - i. Weekly inspections will include checking on the waste storage facilities on site; and
 - ii. All waste removed from the site will be appropriately tracked from 'cradle to grave' using waste tracking dockets.
- c. Principal Contractors will report all necessary waste and purchasing information to TfNSW as required for TfNSW to fulfil their WRAPP reporting requirements.
- d. Compliance records will be retained by the Principal Contractors in relation to waste management including records of inspections and waste dockets for all waste removed from the site.

17.3 Waste Mitigation:

- a. Examples of waste management and recycling mitigation measures include:
 - i. All waste materials removed from the sites will be directed to an appropriately licensed waste management facility;
 - ii. The use of raw materials (noise hoarding, site fencing, etc...) will be reused or shared, between sites and between construction contractors where feasible and reasonable; and
 - iii. Recyclable wastes, including paper at site offices, will be stored separately from other wastes.

Table 2 CSM Sustainability Targets for Waste Management & Recycling

2.3 Legal & Other Obligations

The Project has determined the compliance obligations related to Waste Management and Recycling when establishing this WRMP.

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These key obligations address applicable requirements arising from a complex legislative framework and numerous state guidelines.

Legislation and regulations relevant to waste management include:

- Environmental Planning and Assessment Act 1979
- Protection of the Environment Operations Act 1997
- Protection of the Environment Operations Act 1997 -The Project obtained an Environmental Protection Licence (EPL) 28 November 2018. The EPL number is 21148 (Refer to Table 2 below).
- Protection of the Environment Operations (Waste) Regulation 2014
- Contaminated Land Management Act 1997
- Environmentally Hazardous Chemicals Act 1985
- Waste Avoidance and Resource Recovery Act 2001.

Relevant provisions of the above legislation are explained in the register of legal and other requirements included in Appendix A of the CEMP.

Guidelines and Standards relevant to waste management include:

- Waste Classification Guidelines, Part 1: Classifying Waste (NSW EPA, November 2014)
- Waste Classification Guidelines, Part 4: Acid Sulfate Soils (NSW EPA, November 2014)
- NSW Government Resource Efficiency Policy (OEH, 2014) (Refer to Carbon and Energy Management Plan)
- NSW Waste Avoidance and Resource Recovery Strategy (2007).
- Best Practice Waste Reduction Guidelines for the Construction and Demolition Industry (tools for Practice), Natural Heritage Trust, 2000.
- AS2601:1991 Demolition of Structures.
- Environmental Best Practice Guidelines for Concreting Contractors (Department of Environment and Conservation, 2004)
- Local government guidelines for waste/recycling as appropriate
- Australian Dangerous Goods Code 7th Edition (ADG7) (National Transport Commission, October 2011)
- TfNSW Standard Requirements TSR E1 Environmental Management
- General resource recovery exemptions under Part 9, Clause 91 and 92 of the Protection of the Environment Operations (Waste) Regulation 2014.

Relevant EPL Condition		Section of this Management Plan
O4.4 Waste Management Plans		Progressive and on-going. Refer to sections of this management plan below.
a.	Estimations of the different waste types to be generated from the proposed works; and	Section 3
b.	Estimations of how much of each waste type will be generated from the proposed works; and	Section 3
C.	List of all places (full street address) where waste will be transported to; and	Appendix A and B

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d.	Written confirmation from each place of disposal (listed in point c) that they can lawfully receive the types of waste proposed to be transported there.	Appendix A		
e.	Where the place of disposal changes after the plan has been made, an amendment to the plan can be made as an addendum that includes an update points a) to d) above	,	updated	as

Table 3. EPL Condition O4.4 Waste Management Plans

The key **project sustainability compliance** obligations are derived from the following contract documents:

- Scope of Works and Technical Requirements (SWTC)
- Management Requirements Sustainability (MR-Sy)
- Construction Environmental Management Framework (CEMF)
- Revised Environmental Management Measures (REMMs)
- Planning Approval Conditions of Approval (CoA)
- IS Tool and Green Star benchmarks

2.4 Project Roles, Responsibilities and Authorities

All personnel have a role in ensuring the strategies and procedures set out in this plan are implemented. The key roles and their responsibilities critical to the management of Waste and Recycling are outlined in Table 4 below.

Role	Responsibilities For Waste Management And Recycling
Project Director	Ensure adequate resources to fulfil sustainability commitments.
	Ensure sustainability performance and knowledge is communicated to steering committee and client representatives.
	Managing the delivery of the CSM Works including overseeing implementation of waste management and recycling processes initiatives and procedure.
Sustainability	Member of the project team that has central responsibility for managing sustainability.
Manager	Report against sustainability requirements.
	Track and report waste management and recycling elements against sustainability targets.
	Day to day responsibility and authority for ensuring that the management of sustainability conforms to the requirements of this WRMP and reporting on the performance of the Project with regards to material to project management.
Environment Manager	Responsible for managing ongoing compliance with the project's environmental management documents.
	Responsible for ensuring all waste management and recycling activities are performed in an environmentally compliant and responsible manner.
	Responsible for administration of compliance with the EPL and Planning Approval requirements."
	Responsible for the classification, management and disposal of waste as described in section 4.4 - 4.8.
Sustainability Advisor	Monitor and report on waste management and recycling during construction.
Design Manager	Facilitate innovation of waste management and recycling in design and delivery strategies.
Sustainability	Ensure relevant waste management requirements are addressed in design development.
ESD Consultant	Facilitate innovation of waste management and recycling in design and delivery strategies.
	Ensure relevant waste management requirements are addressed in design development.

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Role	Responsibilities For Waste Management And Recycling
DJV Sustainability Coordinator	Facilitate innovation of waste management and recycling in design and delivery strategies. Ensure relevant waste management requirements are addressed in design development.
Commercial /Procurement Managers	Ensure that relevant waste management obligations are addressed in procuring materials and services.
Construction Manager	Drive the successful delivery of the construction process, in relation to waste Management.
Project Engineer	Implement waste management and recycling activities during construction works.

Table 4. Roles and Responsibilities for Waste Management and Recycling

3. Waste Streams

Initial estimates of waste generation and treatment are set out below. This table will be refined every 6 months during design while waste generation is subject to change and as more information around methodology is clarified. The initial waste estimates are based on LOR industry experience of waste produced on projects of a similar value and scope.

The latest prediction in Table 5 is based on monitored waste values from waste reports and tracking registers, projected out for the remaining months of the project or until the related activities will cease.

Waste Stream	Tonnage/Volume	Waste Management Pathway	Waste Recovery%	Tonnage/Volume Recycled
	Const	truction Waste		
General mixed construction waste	4,369t	Materials recycling facility	78%	3,411t
Concrete	31,508t	Materials recycling facility	100%	31,508t
Timber/Wood	3,058t	Materials recycling facility	97%	2969t
Hazardous Waste	19,296t	Specialist contractor	0%	Ot
Liquid Waste	1709t	Specialist contractor	96%	1,641t
Metals	2,775t	Materials recycling facility	100%	2770t
Oil & Lubricants	Ot	Specialist contractor	0%	Ot
Solvents	Ot	Specialist contractor	0%	Ot

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Glass	7t	Materials recycling facility	92%	6t
Special Waste (ie Asbestos)	3,774t	Specialist contractor	0	Ot
TOTALS	66,495 (t)		97%	42,305 (t)*
	Of	ffice Waste		
General	1,039 m3	Materials recycling facility	12%	125m3
Paper & Cardboard	161m3	Materials recycling facility	100%	161m3
Comingled (including e-waste)	436m3	Materials recycling facility	96%	418m3
Organic / Kitchen	0m3	Specialist contractor	0%	0m3
TOTALS	1,636 (m3)		43%	704 (m3)

Table 5. Waste estimates waste management pathway and recycling recovery rates

4. Waste Hierarchy and Classification

The Project has planned to take actions to address waste management and recycling risks and opportunities, its compliance obligations, and its objectives. The Project has determined what will be done, what resources will be required, who will be responsible, when it will be completed and how the results will be evaluated.

When planning action the project has and shall apply the waste hierarchy detailed below, focusing on the waste streams with the most significant lifecycle impacts first, by prioritising (in order of preference):

- 1. Waste elimination
- 2. Waste reduction
- 3. Waste reuse onsite
- 4. Waste reuse offsite
- 5. Waste recycling
- 6. Waste to landfill

4.1 Design for Resource and Waste Efficiency (elimination/ reduction)

As part of the design process, and during planning for delivery of the CSM Works, Dematerialisation / Materials efficiency workshops will be held with the design team to identify opportunities to reduce wastage through a more efficient use of raw materials such that waste is eliminated through:

- Materials elimination
- Reduction in material usage
- Material reuse

^{*}total recyclable waste (i.e. excluding special and hazardous wastes)

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These workshops will be based around identifying opportunities associated with the following principles:

- Reuse and recovery (RR)
- Offsite construction (OSC)
- Materials optimisation (MO)
- Waste efficient procurement (EP)
- Deconstruction and flexibility (DF)

Consideration will be given to the potential reuse of materials. These include:

- Materials available on site
- Materials available as a result of other contractors' works
- Materials available as an output from construction activities.

4.1.1 Design Documentation

Stage 3 Design Documentation will include evidence of how materials used have been minimised through materials avoidance, reduction and innovative design.

The Stage 3 "Sustainability Works Design Report" SMCSWCSM-DJV-NC-00-REP-SU-000018 Materials Impact Report - Design Stage 3 summarises the materials efficiency and sustainable materials selection initiatives incorporated in the design of the CSM

4.2 Reuse, Recycling, and disposal principles

4.2.1 Waste Reuse Principles

Every effort will be made to ensure that waste material is seen as a resource and is used, either on-site within the Project or off-site either on other projects or by other persons. The Waste Reuse Principles adopted are:

- Identifying materials for a reuse purpose.
- Segregating materials at the source of generation to facilitate reuse, and store or reuse those items, either on-site or off-site.
- Re-useable formwork will be used where practicable.
- Recycled and recyclable materials will be used where possible, without compromise to the structural integrity, longevity and visual quality of materials and structure.

4.2.2 Waste Recycling Principles

Recycling is a process involving the collection and separation of waste materials, which are transformed into useable products. The principles adopted for this project are:

- Erect signage to encourage the reuse and recycling of recovered waste material.
- Identify materials for a recycling purpose.
- Where practical, construction recycling facilities will be provided within the Site
- Sort materials into components/material streams to facilitate recycling. Separation of materials may occur off-site by specialised licensed waste handling contractors.
- A waste contractor with access to a sophisticated materials reclamation facility will be contracted to sort and recycle and manage construction waste to be removed from site.
- Implement packaging take-back initiatives with sub-contractors & suppliers. Packaging take-back initiatives will be implemented in appropriate packages as part of development of SMCSWCSM-LOR-SMC-SU-PLN-000006 Subcontractor Sustainability Action Plan.

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4.2.3 Waste Disposal/Removal Principles

Waste removal requires the transport and disposal of waste material off-site that cannot be reused or recycled. The following waste removal principles have been adopted:

- The Project will seek to limit the wastes which it sends directly to landfill; a waste
 contractor with a sophisticated recycling facility will be contracted to achieve the highest
 recycling rates achievable for the waste streams generated. Residual waste will be
 landfilled after the reclamation process is carried out at that facility.
- Various types and sizes of waste receptacles will be provided to promote separation of materials for ease of reuse/recycling.
- Hazardous and liquid wastes will be securely stored within appropriate receptacles within a bunded area prior to being removed by licensed contractors.
- A regular collection/removal process for emptying of bins or skips will be implemented.
- Waste will be classified and disposed of in accordance with the guidelines.

4.3 Classification of Waste Streams

Note: Spoil classification is dealt with in the Spoil Management Plan SMCSWSMC-LOR-SMC-EM-PLN-000004

Where waste cannot be avoided, reused or recycled it will be classified and appropriate disposal will then occur. The classification of waste is undertaken in accordance with the EPA's Waste Classification Guidelines Part 1: Classifying Waste (NSW EPA, 2014). This document identifies six classes of waste as defined in clause 49 of Schedule 1 of the *Protection of the Environment Operations Act 1997* (POEO Act):

- special Waste
- · liquid waste
- hazardous waste
- restricted solid waste
- general solid waste (putrescible)
- general solid waste (non-putrescible)

The steps below will be implemented to determine which of the above classifications applies to the Projects waste. Once a classification has been established under a particular step, the waste will be taken to have that classification and will be managed accordingly.

4.3.1 Step 1: Is it 'special waste'?

Establish if the waste should be classified as special waste. Special wastes are: clinical and related, asbestos, waste tyres. Definitions are provided in the guidelines.

Note: Asbestos and clinical wastes must be managed in accordance with the requirements of Clauses 42 and 43 of the *Protection of the Environment Operations (Waste) Regulation 2005.*

4.3.2 Step 2: If not special, is it 'liquid waste'?

If it is established that the waste is not special waste it must be decided whether it is 'liquid waste'. Liquid waste means any waste that: has an angle of repose of less than 5° above horizontal becomes free-flowing at or below 60° Celsius or when it is transported is generally not capable of being picked up by a spade or shovel. Liquid wastes are sub-classified into:

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- Sewer and stormwater effluent.
- Trackable liquid waste according to *Protection of the Environment Operations (Waste)*Regulation 2005 Schedule 1 Waste to which waste tracking requirements apply.
- Non-trackable liquid waste.

4.3.3 Step 3: Has the waste already been pre-classified by the NSW EPA?

The EPA has pre-classified several commonly generated wastes in the categories of hazardous, general solid waste (putrescibles) and general solid waste (non-putrescibles). If a waste is listed as 'pre-classified', no further assessment is required. Details are provided in the guidelines.

4.3.4 Step 4: If not pre-classified, is the waste hazardous?

If the waste is not special waste, liquid waste or pre-classified, establish if it has certain hazardous characteristics and can therefore be classified as hazardous under the classes or divisions of the *Transport of Dangerous Goods Code* which include explosives, flammable solids, substances liable to spontaneous combustion, oxidizing agents, toxic substances and corrosive substances.

4.3.5 Step 5: Chemical assessment to determine classification?

If the waste does not possess hazardous characteristics, it needs to be chemically assessed to determine whether it is hazardous, restricted solid or general solid waste (putrescible and non-putrescible). If the waste is not chemically assessed, it must be classified and treated as hazardous.

Waste is assessed by comparing Specific Contaminant Concentrations (SCC) of each chemical contaminant, and where required the leachable concentration using the Toxicity Characteristics Leaching Procedure (TCLP), against Contaminant Thresholds (CT).

4.3.6 Step 6: Is the general solid waste putrescible or non-putrescible?

If the waste is chemically assessed as general solid waste, a further assessment is available to determine whether the waste is putrescible or non-putrescible. The assessment determines whether the waste is capable of significant biological transformation. If this assessment is not undertaken, the waste must be managed as general solid waste (putrescible).

4.4 On-site Handling, Transportation and Disposal

Materials segregation and recycling facilities will be provided on site. This will include:

- · Reusable materials will be stored separately, in secure facilities
- Recyclable waste will be stored separately from other waste
- Storage areas will be secured and materials will be collected on a regular basis
- Work sites will be kept free of litter and good housekeeping will be maintained
- · Vermin proof bins will be used on site
- Waste oil, other liquid wastes and spillages will be collected and stored in bunded areas.

4.5 Waste Transportation

Where waste cannot be reused on site, it will be transported off site using an appropriately licensed waste management contractor.

All transport vehicles will be covered and tailgates secured prior to trucks leaving the work site. All vehicles will be appropriate for transport of the waste as classified.

Transporters will hold an environment protection licence (EPL) if transporting higher risk wastes ('controlled' or 'trackable' waste). High risk waste will be tracked using EPA's online waste tracking

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system or the Project specific tracking system as identified in the CSM Construction Spoil Management Plan.

4.6 Receiving Facilities

Facilities used for the receiving of waste will be appropriately licensed to accept the classified waste type. The Environment Manager will review the licence of the receiving facility before any waste is transported. Refer to Appendix A and B for potential facilities and location.

NOTE: The Sydney Trains Chullora Recycling Facility (Lic. 7515) is licenced to receive waste for the recycling of spoil and ballast from rail activities.

4.7 Contaminated Spoil

Spoil not classified as either VENM or ENM due to contamination from either construction material or other sources shall be characterised in accordance with the Waste Classification Guidelines: Part 1 Classifying Waste (EPA 2014) as required by Section 4.4. This may include classification as General Solid Waste (Non-putrescible), Hazardous Waste, Special Waste or Restricted Waste. Refer to CSM Construction Spoil Management Plan for further detail on contaminated material.

4.8 Liquid Waste

In accordance with the waste classification guidelines, liquid waste means any waste (other than special waste) that:

- has an angle of repose of less than 5 degrees above horizontal
- becomes free-flowing at or below 60 degrees Celsius or when it is transported
- is generally not capable of being picked up by a spade or shovel
- is classified as liquid waste under an EPA gazettal notice.

If the waste meets the criteria outlined above, it is classified as liquid waste, and no further assessment for classification is required, noting that some liquid waste needs to be tracked.

Liquid wastes (e.g. waste oil) are to be stored in appropriate containers in bunded areas until it can be transported off-site for disposal at a licenced facility. Bunded areas must have the capacity to hold 110% of the liquid waste volume for bulk storage.

Sediment laden water would be managed in accordance with the Soil and Water Management Plan. Where evidence of contamination is present (oil, grease) further testing would be carried out, and appropriate treatment or disposal if required.

Concrete washout water would be contained within the washout area and allowed to either evaporate or harden. In the event that capacity is reached, it would be removed by vacuum truck or pumped to an appropriately bunded container.

Waste from non-destructive digging would be taken offsite for disposal. Where there are significant quantities of waste, a bunded area would be established to allow the waste to be dried out and then reused on site where applicable.

Sanitary wastes from temporary site amenities would be removed by a licenced contractor and taken to an appropriately licenced liquid waste facility for treatment or disposal in accordance with Sydney Water and OEH requirements.

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4.9 Office Waste

During project delivery phase the CSM waste service provider updated their waste reporting methodology to align with the GECA standards. The change saw recycle rates move from the recycle rates of waste facilities to the recycle rate of waste streams. This reporting change significantly reduced the reported recycle rate from tracking well at 80% to approx. 30%. The change was reflected in waste reports from early 2021. In response, Additional measures are in place to improve the office waste recycle rate, they include:

- Toolbox talks
- Presentations from waste service provider
- Educational "snapshot" to project team
- Improved waste signage
- Clear garbage bags
- Investigation into additional waste stream separation (e.g. organics, coffee cups)

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5. Training, Reporting, and Review

5.1 Training

Personnel will receive training appropriate to their role in waste management and recycling on the project. Ongoing toolbox talks covering the requirements for waste management and recycling will be used to raise awareness among the wider project team.

Responsibility for waste management and recycling will rest with the Construction Team, supported by the Environment and Sustainability Teams. Personnel within the Construction Team will be responsible for the day to day management of environmental and social aspects associated with waste management and recycling including:

- Waste and recycling identification and minimisation
- Site management of materials (including waste and recycling)
- Document control and reporting of waste and recycling.

5.2 Monitoring Measurement and Analysis

The Project team shall monitor, measure, analyse and evaluate its waste and recycling performance. The Project shall undertake weekly sustainability (including waste) inspections during construction.

Monitoring in relation to waste and recycling will also be undertaken in accordance with the applicable compliance requirements.

Monitoring shall include details pertaining to;

- Types and quantity of waste generated
- Types and quantity of waste reused or recycled
- Types and quantity of waste disposed to landfill
- Percentage of waste reused or recycled
- · Quantity of spoil generated

5.3 Record Keeping

Compliance records will be retained centrally on the Project and will include:

- Records of inspections in relation to waste management and recycling activities, including weekly inspections of waste storage facilities
- Records detailing the beneficial re-use or recycling of material either within the project or at off-site locations
- Waste tracking forms and dockets for any material disposed of to landfill sites
- Waste register detailing the date, types and quantities of waste disposed and the receiving facility
- NSW Government Resource Efficiency Policy reporting.

5.4 Reporting

The Project shall report its sustainability performance, including in relation to waste and recycling. The Project shall communicate relevant waste and recycling performance information both internally and externally, as identified in its communication processes and as required by its compliance obligations. The Project shall document compliance within Project reports including:

Monthly Project Reports

Waste Management and Recycling Plan



- Monthly Sustainability Data Report
- Quarterly Sustainability Report
- Annual Sustainability Report

5.4.1 NSW Government Resource Efficiency Policy Reporting

The aim of the NSW Government Resource Efficiency Policy (GREP) is to reduce the NSW Government's operating costs and lead by example in increasing the efficiency of the resources it uses. The policy will help to ensure NSW meets the goals of NSW 2021: A plan to make NSW number one. It aims to drive resource efficiency by NSW Government agencies in three main areas – energy, water and waste – and also reduce harmful air emissions from government operations. This policy replaces the previous NSW Government Sustainability Policy and streamlines reporting under the WRAPP. Reporting under the GREP replaces WRAPP reporting requirements.

Application of this policy in relation to CSM Works involves annual and project completion reporting on the conformity, or otherwise, of mobile non-road diesel plant and equipment used for the work under the deed with the relevant United States Environmental Protection Agency, European Union (EU) standards or approved equivalent emission standards. The report will be prepared in accordance with the GREP "Clean Air Data Management Tool1" which details the types of diesel plant and equipment that are to be included or excluded. Page one of the tool (the information page - link provided below), provides the types of diesel plant and equipment that are to be included, or excluded, from the report. Reporting is required annually for the financial year and at completion of construction.

http://www.rms.nsw.gov.au/documents/about/environment/grep-clean-air-data-management-tool.xlsm

5.4.2 Waste Avoidance and Resource Recovery Reporting

Waste Avoidance and Resource Recovery (WARR) reporting is required annually for the financial year and at completion of construction. There are three components to the report to be addressed as follows:

- Purchasing data: data on the amount of material purchased by the Project to enable construction works listed under the contract.
- Waste and recycling data: data on the amount of material generated and recycled by LOR in the course of completing work under the contract.
- Project initiatives and barriers: provide information taken to reduce waste, recycle resources and purchase recycled content materials in the course of completing work under the contract

5.5 Audit

The Project shall be audited at planned intervals to provide information on whether the Project:

- is meeting its compliance obligations
- · conforms to the WMRP, and
- determine if the WMRP is effectively implemented and maintained.

The Project shall establish, implement and maintain an audit programme for the Project, including the frequency, methods, responsibilities, planning requirements and reporting of its audits. Sustainability audits will be conducted at least quarterly with at least one per year being 'independent'. The scope of the audits may vary but it is important that the most material issues are audited as required during the rating period. Sustainability audits should cover the most

Waste Management and Recycling Plan



material environmental, social and economic issues. The audit reports must demonstrate that these requirements have been fulfilled.

In addition waste specific audits shall include;

- Annual review covering systems used to manage waste and the data recording and reporting. Must be an objective assessment of the accuracy and completeness of reported waste information with the aim to provide confidence that the reported information represents a faithful, true, and fair account of waste management practices and performance. Must be undertaken by a suitably qualified person (someone with at least five years' waste management experience, or a NABERS Assessor, or equivalent)
- Auditing to final destination must be undertaken at least 6 monthly for construction. Final
 destination means at least to a waste facility where the waste is transformed into another
 product or material or into landfill. Physical sorting of waste is not considered a final
 destination. The audit should include a physical/visual verification of waste destinations.

5.6 Improvement

In the event of a nonconformity in relation to waste and recycling, the Project shall react to the nonconformity and, as applicable;

- · take action to control and correct it
- deal with the consequences, including mitigating adverse sustainability impacts.
- evaluate the need for action to eliminate the causes of the nonconformity, in order that it does not recur or occur elsewhere, by:
 - reviewing the nonconformity;
 - o determining the causes of the nonconformity;
 - o determining if similar nonconformities exist, or could potentially occur;
 - implement any action needed;
 - o review the effectiveness of any corrective action taken; and,
 - o make changes to the WRMP, if necessary.

Corrective actions shall be appropriate to the significance of the effects of the nonconformities encountered, including the sustainability outcomes(s).

The Project shall retain documented information as evidence of:

- · the nature of the nonconformities and any subsequent actions taken; and,
- · the results of any corrective action.

Waste Management and Recycling Plan



Appendix A- Landfill and Recycling Centres, Distances to location of Waste Facilities and EPL Numbers

I.D.	Facility/Company	Туре	Contact Details	Waste Accepted	Waste Recycled
1	Concrete Recyclers Group	Resource Recovery, Waste Storage	14 Thackeray St, Camellia, NSW, 2142	General or specific exempted wasteBuilding and demolition wasteVirgin excavated natural material	Building and demolition waste Virgin excavated natural material
2	Bingo Recycling Pty Ltd: Operated by Adderley Recycling Pty Ltd	Waste Processing, Waste Storage	3-5 Duck St, Auburn, NSW, 2144	 Foundry Sands Virgin excavated natural material Building and demolition waste Soils Asphalt waste Office and packaging waste Non-chemical waste generated from manufacturing and services Household waste Garden waste 	 Building and demolition waste Furniture and fittings Garden and landscape waste Metals Paper and cardboard Plastics
3	Bingo Recycling Pty Ltd (Operated by McPherson Recycling)	Non-thermal treatment of general waste, waste storage- other types of waste	38 McPherson St, Banksmeadow, 2019	Building and demo VENM Asphalt (including asphalt resulting from road construction and waterproofing works) Garden waste Wood waste Soils	 Building and demolition waste Furniture and fittings Garden and landscape waste Metals Paper and cardboard Plastics
4	Liberty OneSteel Recycling	Resource recovery, Metallurgical activities	79 Stephen Rd, Botany, NSW, 2019	Lead; lead compounds General or specific exempted waste Any waste that is below licensing thresholds in Schedule 1 of the POEO Act	Metals Electrical equipment Vehicles



				Scrap metal	Plant and machinery
5	EESI Contracting PTY LTD	Contaminated Soil Treatment	Waste Science PTY LTD Soil Recycling Facility, 17 Turners Lane, Cootamundra NSW 2590	 Heavy metals; Total polycyclic aromatic hydrocarbons (PAHs); Total Petroleum Hydrocarbons (TPHs); Phenols, cresols and Benzene, Toluene, Ethylbenzene; Xylene (BTEX); and Cyanide. 	,
6	Toxfree Solutions: (Part of Cleanaway Group)	Waste processing, waste storage	42 - 46 Charles St, St Marys, NSW 2760	 Soils Drilling mud Asbestos Household hazardous waste Electronic waste Waste oil Acid sulfate soils Waste tarry residues Waste mineral oils Residues from industrial waste Filter cake Contaminated soils Potential acid sulfate soils. 	• N/A
7	Toxfree Solutions (Part of Cleanaway Group)	Non-thermal treatment of hazardous and other waste Waste storage - hazardous, restricted solid, liquid, clinical and related waste and asbestos waste	Corner Blackman Cres and Fairy Road, South Windsor NSW 2756	Non-thermal treatment of hazardous and other waste Waste storage - hazardous, restricted solid, liquid, clinical and related waste and asbestos waste	• N/A
8	Port Botany Resource Recovery (Veolia)	Waste processing, waste storage	Lot 21 Military Road, Matraville NSW 2036	Building and demolition waste Wood waste	Steel Plastics



				Glass, plastic, rubber, plasterboard, ceramics, bricks,	Cardboard				
				concrete or metal	Class 2 waste				
				7Paper or cardboard					
				 Fully cured and set thermosetting polymers and fibre reinforcing resins 					
				Fully cured and dried residues of resins, glues, paints, coatings and inks					
				Grit, sediment, litter and gross pollutants collected in, and removed from, stormwater treatment devices or stormwater management systems, that has been dewatered so that it does not contain free liquids					
				Garden waste					
				Non-putrescible vegetative waste from agriculture, silviculture or horticulture					
				Asphalt waste					
9	Benedict Recycling	Resource recovery	33/39 Riverside Rd,	Recovery of general (non-putrescible)	Any general waste recovered				
ľ	Boriodiot r tooyoming	Trooburds receivery	Chipping Norton	Intact end-of-life electronic equipment	Intact end-of-life				
			NSW 2170	• •	electronic equipment				
				Municipal waste being waste consisting of household domestic	Municipal waste being				
				recycling waste that is	waste consisting of				
				set aside for kerb side	household domestic				
				collection or delivered	recycling waste that is				
				by the householder	set aside for kerb side				
				directly to the waste	collection or delivered				
				facility (e.g glass,	by the householder				
				plastic, cardboard,	directly to the waste				
				paper, aluminium, steel)	facility (e.g glass,				
				Wood waste	plastic, cardboard,				
								Glass, plastic, rubber, plasterboard, ceramics, bricks,	paper, aluminium, steel)
				concrete or metal	Wood waste				
				• Soils	Glass, plastic, rubber, plasterboard, ceramics,				
				• VENM	bricks, concrete or metal				
				Building and demo	• Soils				
		<u> </u>		Asphalt(including asphalt resulting from road	• VENM				
				construction and waterproofing works)	Building and demo				
					2 3.1.4.1.9 3.14 401110				



				Paper and cardboard Waste tyres	Asphalt(including asphalt resulting from road construction and waterproofing works) Paper and cardboard Waste tyres
10	Sydney Recycling Park Pty Ltd	Extractive activities Waste processing (non-thermal) Waste disposal (application to land) Waste storage	17-23 Clifton Avenue, Kemps Creek NSW 2178	General Solid Waste, Waste	• N/A
11	Better Grow PTY. Limited	Waste Processing (non- thermal) and Storage	48 Industry Rd, Vineyard, NSW 2765	Sand/clay soil Bagged fertiliser drilling mud and/or muddy waters from drilling and pot holing operations Garden waste pine bark hardwood sawdust Spent mushroom Compost Engineered timber Products Gyprock Pa Water filter (lime) soil per pulp softwood bark Manure (poultry) enviro-soil peat moss softwood shavings softwood sawdust manure (dried cow)	Materials in the waste column are converted to Compost and fertilizer and compost-soils.
12	Better Grow Liquid Recycling PTY LTD	Non-thermal treatment of	NSW Liquid Recycling Centre, 11	drilling mud and/or muddy waters from drilling and pot holing operations	Drill mud



		hazardous and other	Whyalla Circuit,	Any waste received on site that is below licensing Any balds in Cabadala 4 of the POCO Antensis for the state of the state of the POCO Antensis for the state of the state o	Liquid waste from grease traps and liquid food
		waste, Waste storage - hazardous, restricted solid, liquid, clinical	Kelso, NSW 2795	thresholds in Schedule 1 of the POEO Act, as in force from time to time Waste mineral oils unfit for their original intended use Waste oil/hydrocarbons mixtures/emulsions in water	waste
		and		Grease trap waste	
		related waste		Liquid Food Waste	
		and asbestos waste		Residues from industrial waste	
		acto		treatment/disposal operations	
				General or Specific exempted waste- Waste that meets all the conditions of a resource recovery exemption under Clause 51A of the Protection of the Environment Operations (Waste) Regulation 2005	
13	Cleanaway (Enviroguard)	Waste Disposal (application to land)	38-50 Quarry Road Erskine Park, NSW, 2759	Waste Disposal (application to land)	• N/A
14	Suez (Sita Australia (PTY LTD)	Waste Disposal (application to land), waste storage.	Elizabeth Drive Landfill Facility, 1725 Elizabeth Drive, Kemps Creek, NSW 2178	General Solid Waste (non-putrescible), including Wastes assessed as General Solid Waste (non-putrescible) which are also subject to general or specific immobilisation approvals which have a restriction that they may only be disposed of at waste disposal facilities which have currently operating leachate collection systems. Asbestos Waste Waste Tyres Restricted Solid Waste, including to general or specific	• N/A
				immobilisation approvals which have a restriction that they may only be disposed of at waste disposal facilities which have currently operating leachate collection systems.	
15	Breen Resources PTY LTD	Resource Recovery, Waste	Captain Cook Drive, Kurnell. NSW 2231	Immobilised wastes able to be landfilled	• VENM
	FII LID	disposal	Numeli, NOVV ZZOT	• VENM	Paper cardboard,
		(application to		Waste tyres	Glass, plastic, rubber, plasterboard, ceramics, bricks, concrete, metal
		land)		Paper cardboard,	Building and demolition Waste
				Glass, plastic, rubber, plasterboard, ceramics, bricks, concrete, metal	Duniang and demonition waste



16	Sydney Trains, Ballast Recycling Depot	Recovery of general waste, waste storage-other types of waste	Worth Street Gate 1, Chullora, NSW 2190	Building and demolition Waste Asphalt waste (including asphalt resulting from road construction an waterproofing works) Ferric sludge Dredge Spoil Soils Rail ballast Concrete and soil from rail activities	Asphalt waste (including asphalt resulting from road construction an waterproofing works) Soils Rail ballast Concrete and soil from rail activities
17	Environmental Treatment Solutions (ETS) PTY LTD	Non-thermal treatment of hazardous and other waste Waste storage - hazardous, restricted solid, liquid, clinical and • related waste and asbestos waste	79 Marshall Lane, Blanyney NSW 2799	Extensive list, review EPL 13230	• N/A
18	Dial A Dump Genesis Recycling Facility (Dial A Dump EC PTY LTD)	Recovery of general waste Waste storage - other types of waste	Honeycomb Drive, Eastern Creek, NSW 2766	Wood, garden, building and demo, waste tyres, soils, GSW non-putrescible, asbestos, tyres	 Wood, Garden waste, building and demo, waste tyres, soils, GSW non-putrescible,
19	Environmental Treatment Solutions (ETS) PTY LTD	Waste storage - hazardous, restricted solid, liquid, clinical and related waste and asbestos waste	7 Pembury Road, Minto, NSW 2566	Extensive list, review EPL 20696	• N/A
20	Westland Business Parkland	Development Consent	50 Bringelly Road, Horningsea Park, NSW, 2171	Virgin excavated natural material, excavated natural material	Virgin excavated natural material, excavated natural material



21	Metropolitan Demolitions & Recycling Pty Ltd	Resource recovery, Waste processing (non- thermal treatment), Waste storage	Rear 396 Princes Highway, St Peters NSW	VENM Building and demolition waste Asphalt waste (including asphalt resulting from road construction and waterproofing works)	Any general waste
22	Indoor MotoX Park complex Development Consent	 Development 	50 Peter Brock DR Eastern Creek, NSW, 2766	• VENM	• VENM •
23	Bluescope Steel	Resource Recovery	Five Islands Road, Port Kembla, NSW, 2505	general waste, waste tyres, waste storage - any other types of waste	Excavated material
24	Enviropacific Services Pty Ltd	 Thermal waste treatment, Storage of waste, treatment of prescribed industrial waste 	541-583 Kororoit Creek Rd, Altona, VIC, 3018	 N119 - Category A contaminated soil N120 - Category B contaminated soil N121 - Category C contaminated soil 	• N/A
25	Glenfield Waste Service	 Crushing, Grinding or Separating; Extractive Activities; Waste Disposal (application to land); Waste Processing (non-thermal treatment); Waste Storage 	Cambridge AV, Glenfield, NSW, 2167	 Asbestos waste, General solid waste(non-putrescible), Waste tyres, Wood waste, Garden waste 	• N/A
26	Veolia Environmental Services (Australia) Pty Ltd - Horsley park waste management facility	Composting; Waste Disposal (application to land); Waste Processing (non- thermal treatment)	752/716 Wallgrove Road, Horsley Park, NSW, 2175	 Asbestos waste Waste tyres General solid waste (non-putrescible) Foundry Sands Spent filer sand medium VENM Soils 	Composting of General solid waste (non-putrescible) Any general waste recovered



				Wood waste	
27	Toxfree Australia Pty Ltd	Waste Processing (non-thermal treatment), Resource recovery (any general waste recovered), Waste storage	40 Christie Street, St Mary, NSW, 2760	Extensive list, review EPL 12628	Any general waste recovered Electronic Waste
28	Benedict Recycling	Recycling Facility	Challenger Drive, Belrose, NSW, 2085	SoilsBuilding and Demolition WasteVENM	Soils Building and Demolition Waste VENM
29	Cleanaway Operations Pty Ltd – TTS Liquid Waste Services	Contaminated soil treatment; Waste processing (non- thermal treatment); Waste storage	47 Raven Street, Kooragang NSW, 2304	Hazardous Solid Waste Restricted Solid Waste Liquid Waste Clinical and Related Waste Asbestos Waste	• N/A
30	Cleanaway Operations Pty Ltd - Homebush Liquid Treatment Facility	Waste processing (non- thermal treatment); Waste storage	Corner of Pondage Link & Hill Road, Homebush Bay NSW, 2127	Lead contaminated liquid waste Hazardous Solid Waste Restricted Solid Waste Liquid Waste Clinical and Related Waste Asbestos Waste	• N/A
31	Cleanaway Operations Pty Ltd – Glendenning	Waste processing (non- thermal treatment); Waste storage	6-8 Rayben Street, Glendenning NSW, 2761	 Lead paint flakes Hazardous Solid Waste Restricted Solid Waste Liquid Waste Clinical and Related Waste Asbestos Waste 	• N/A
32	Dial A Dump Industries Pty Ltd -	 Non-thermal treatment of general waste; 	76 Burrows Road, Alexandria, NSW, 2015	Wood waste Garden waste	• N/A



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	Genesis Waste Transfer Station	Waste storage (other types of		Soils waste	
	Transier Station	waste)		Building and demolition waste	
33	Genesis Landfill and Recycling Centre	Landfill, Recycling	1 Kangaroo Avenue, Eastern Creek, NSW, 2766	Waste tyres Asbestos waste General solid waste (Non-Putrescible)	Wood Waste Garden Waste Waste Tyres Soils General Solid Waste Building and Demolition Waste
34	EBH Environmental Service Pty Ltd	Resource Recovery; Waste storage	13 Craftsman Ave, Berkeley Vale, NSW, 2261	Building and demolition waste such as bricks, concrete and asphalt (but not excavated soil GSW Non-Putrescibles, VENM GSW CT1- Recyclable	Building and demolition waste GSW Non-Putrescibles VENM GSW CT1
35	Kimbriki Environmental Enterprises Pty Ltd	 Waste disposal (application to land) 	Kimbriki Rd, Terrey Hills, NSW, 2084	GSW (non-Putrescible) Asbestos waste Waste tyres	• N/A
36	Duplicate removed	•		•	•
37	Brandown Pty Limited	 Extractive activities; Waste disposal (application to land) 	Lot 90 Elizabeth Drive, Kemps Creek NSW, 2178	General solid waste Waste tyres Asbestos waste	• N/A
38	Herbert Crabtree Reserve	 Development 	Herbert Crabtree Reserve, Bass Hill, NSW, 2197	• VENM • ENM	• VENM • ENM
39	Renex Op Co Pty Ltd	Thermal waste treatment; Waste storage; Prescribed industrial waste treatment	109-131 Ordish Rd, Dandenong South, VIC, 3175	Extensive list, review EPL 127068	N/A •
40	MET Recycling Pty Ltd	Resource Recovery; Waste	134 Newton Street North at the corner of Carnarvon Street,	Soils Virgin excavated natural material Concrete, brick and asphalt	Soils Concrete, brick and asphalt Building and demolition waste



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		storage (other types of waste)	Silverwater NSW, 2128	Building and demolition waste	
41	KLF Holding Pty Ltd	Waste processing (non- thermal treatment) of general waste; Waste storage (other types of waste)	16 Grand Avenue, Camellia, NSW, 2142	 Building and demolition waste Virgin excavated natural material Asphalt waste Wood waste Waste tyres Garden waste Soils 	• N/A
42	Bulk Recovery Solution Pty Ltd	Resource recovery; Waste processing (non-thermal treatment); Waste storage	16 Kerr Road, Ingleburn, NSW, 2565	 Liquid waste Concrete Building and demolition waste General solid waste (non-putrescible) General or specific exempted waste Soils Virgin excavated natural material 	Liquid waste Concrete Building and demolition waste General solid waste (non-putrescible)
43	SUEZ - Artamon Waste Management Centre	Compsoting, non-thermal treatment of general waste, recovery of general waste, waste storage	12 Lanceley Place, Artarmon, NSW, 2064	 Hazardous waste Restricted solid Liquid waste Clinical and related waste Asbestos waste Waste tyres 	 General solid waste (putrescible) General solid waste (non-putrescible) Garden waste (composting)
44	Lot 1 DP787080	 Development 	400 Woodpark Road, Smithfield, NSW, 2164	• VENM	• VENM
45	Cleanaway Operations Pty Ltd – Transpacific Industries	Contaminated soil treatment; resource recovery; waste processing (non- thermal treatment); waste storage	10-12 Waynote Place, Unnderra, NSW, 2526	Extensive lists in EPL 10251	Any general waste recovered



46	Sims Group Limited	•	Scrap Metal Processing	76-100 Chrisities Street, St Marys, NSW, 2760	General or specific exempted waste	General or specific exempted waste
47	Sydney Intermodal Terminal Alliance (SIMTA)	•	Development	Eastern side of Moorebank Avenue, Moorebank, NSW, 2170	VENM ENM Sydney Metro Road Header Tunnel Spoil Exemption	VENM ENM Sydney Metro Road Header Tunnel Spoil Exemption
48	Central Waste Plant Pty Ltd	•	Waste processing (non- thermal treatment); Waste storage	8 Styles Street, Kurri Kurri, NSW, 2327	• VENM	• VENM
49	Lot 23 Eastern Creek Drive	•	Development	Lot 1102 Eastern Creek Drive, Eastern Creek, NSW, 2766	• VENM	• VENM
50	Marsden Park Developments Pty Ltd	•	Development	Lot 131 DP 1194052 H/N 5 Bells Glade Marsden Park, NSW, 2765	• VENM	• VENM
51	Lot 211 DP830505	•	Development	36 Garfield Road West, Riverstone, NSW, 2765	• VENM	• VENM
52	Lot 1 DP1228114	•	Development	327-335 Burley Road, Horsley Park, NSW, 2175	• VENM	• VENM
53	Lot 179 DP752033	•	Development	200-206 Parkes Street Helensburgh, NSW, 2508	VENM Sandstone	VENM Sandstone
54	Lot 20 DP1216618	•	Development	128 Andrews Road, Penrith, NSW, 2750	• VENM	• VENM
55	Willowdale Precinct	•	Development	128-320 Denham Court Road, Denham Court, NSW, 2565	• VENM	• VENM
56	Denham Court Road Precinct	•	Development	Denham Court Road, NSW, 2565 (Road Works)	• VENM	• VENM



57	The Northern Road Upgrade Stage 5	 Development 	Between Littlefields Road and Glenmore Parkway, Orchard Hills, NSW, 2748	VENMENMSydney Metro road header tunnel spoil	VENMENMSydney Metro road header tunnel spoil
58	The Northern Road Upgrade Stage 6	 Development 	Between Littlefields Road and Eaton Road, Luddenham, NSW, 2745	VENMENMSydney Metro road header tunnel spoil	VENMENMSydney Metro road header tunnel spoil
59	Lot 2 DP17453	 Development 	85 Wahroonga Road, Kanwal, NSW, 2259	• VENM	• VENM
60	Woy Woy Landfill	Recovery of general waste; Waste disposal by application to land; Waste storage – other types of waste	Nagari Road, Woy Woy, NSW, 2256	Asbestos WasteGSW (non-putrescible)GSW (putrescible)Waste tyresWaste	•
61	Lot 5 DP260390	 Development 	115 Mount View Close, Razorback, NSW, 2571	• VENM	• VENM
62	Lot 14 DP27107	 Development 	27 Kent Road & 326- 330 Caddens Road, Claremont Meadows, NSW, 2747	• VENM	• VENM
63	Eco Cycle Materials Pty Ltd	Waste Processing (non-thermal treatment); Waste Storage	155 Newton Road, Wetherill Park, NSW, 2164	VENM Concrete, brick and asphalt Soils	•
64	Erskine Park	 Development 	2 Aldington Road, Kemps Creek, NSW, 2178	• VENM	• VENM
65	Hi-Quality Waste Management Pty Ltd	Recovery of general waste; Waste storage – other types of waste	37 Lee Holm Road, St Marys, NSW, 2760	Soils, Blast Furnace Slag, Asphalt waste, Building and demolition waste, VENM	Soils, Blast Furnace Slag, Asphalt waste, Building and demolition waste, VENM



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66	Lot 1 & Lot 2 DP 1150239	•	Development	249 Phoenix Park Road, Phoenix Park, NSW, 2321	• VENM	• VENM
67	Lot 201 DP 590247, Lot 21 DP 581462	•	Development	15 Menangle Road, Menangle, NSW, 2563	• VENM	• VENM
68	Lot 1 & 2, DP 1237147	•	Development	2 Lavis Lane, Williamtown, NSW, 2318	• VENM	• VENM
69	Lot 512, DP 834331	•	Development	15 Colonel Pye Drive, Cobbitty, NSW, 2570	• VENM	• VENM
70	Lot 305 & 306; DP 1077440	•	Development	Starkie Drive, Bankstown Aerodrome, NSW, 2200	• VENM	• VENM
71	Lot 50 DP 816718	•	Development	62 Ferndell Street, South Granville, NSW, 2142	• VENM	• VENM
72	Lot 16 DP 2650	•	Development	145 Mersey Road, Bringelly, NSW, 2556	• VENM	• VENM
73	Lot 1 DP 785002	•	Development	114-116 Victoria Road, Gladesville, NSW, 2111	• VENM	• VENM
74	Lot 1 DP 811044	•	Development	287-295 Victoria Road, Gladesville, NSW, 2111	• VENM	• VENM
75	SUEZ Recycling & Recovery Pty Ltd	•	Prescribed Industrial Waste Management	890 Taylors Rd, Dandenong South, VIC, 3175	Category A contaminated soil Category B contaminated soil Category C contaminated soil	• N/A
76	Lot 310 DP 752021	•	Development	16 Lugard St, Penrith, NSW, 2750	VENM, ENM, Resource Recovery O/E	VENM, ENM, Resource Recovery O/E
77	Lot 11 DP 664430	•	Development	440 Cawdor Rd, Cawdor, NSW, 2570	• VENM	• VENM
78	Lot 11 DP 29104	•	Development	Bringelly Road Business Hub,	VENM, ENM, or other material approved in writing by EPA	VENM, ENM, or other material approved in writing by EPA



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			Leppington, NSW, 2179		
79	Lot 8A DP 360199	 Development 	33 Elizabeth St, Wetherill Park, NSW, 2164	• VENM	• VENM
80	Onesteel Recycling Pty Ltd (Infrabuild Recycling)	 Resource Recovery, Waste Storage 	23 Davis Road, Wetherill Park, NSW, 2164	Scrap metal	•
81	The Austral Brick Co Pty Ltd	Ceramic works	738-780 Wallgrove Road, Horsley Park, NSW, 2175	• VENM	• VENM
82	Boral Recycling Pty Ltd	 Resource recovery, Waste storage 	38 Widemere Road, Wetherill Park, NSW, 2164	Building and demolition waste;Concrete, bricks and roof tiles	Building and demolition waste;Concrete, bricks and roof tiles
83	Australian Native Landscapes Pty Ltd	 Composting; Waste processing (non- thermal treatment); Waste storage 	210 Martin Road, Badgerys Creek, NSW, 2555	• VENM	• VENM
84	PF Formation Pty Ltd	Land-based extractive activity	1774 Wisemans Ferry Road, Maroota, NSW, 2756		• VENM
85	Glenlee Coal Preparation Plant	Waste disposal by application to land (land remediation, capping layer)	214 Springs Road, Mount Annan, NSW, 2567	• VENM	• VENM
86	Holsworthy Barracks	 Development 	Holsworthy Barracks, Holsworthy, NSW, 2173	• VENM	• VENM
87	Aussie Recycling Greenacre	Waste storage	13 Bellfrog Street, Greenacre, NSW, 2190	Soils Asphalt waste Cured concrete waste Grit, sediment, litter and gross pollutants collected in, and removed from, stormwater treatment devices	• N/A



				• VENM	
88	Environmental Treatment Solutions (ETS) PTY LTD	Non-thermal treatment of hazardous and other waste Waste storage - hazardous, restricted solid, liquid, clinical and related waste and asbestos waste	79 Marshall Lane, Blayney, NSW, 2799	Extensive list, review EPL 13230	• N/A
89	Cleanaway Operations Pty Ltd – Transpacific Industries	Contaminated soil treatment; resource recovery; waste processing (non- thermal treatment); waste storage	10-12 Waynote Place, Unanderra, NSW, 2526	Extensive lists in EPL 10251	Any general waste recovered
90	Pure Contracting	Transporter only	4/31-33 Nyrang Street, Lidcombe, NSW, 2141	Transport of Category 1 and Category 2 trackable waste	• N/A
91	Sydney Trains Ballast Recycling Depot	Recovery of general waste, waste storage- other types of waste	Worth Street Gate 1, Chullora, NSW, 2190	Rail ballast Concrete and soil from rail activities	Rail ballast Concrete and soil from rail activities
92	Landtrak	Transporter only	PO Box 744, Stanhope Gardens, NSW, 2768	Transporter only	• N/A
93	Load Ranger	Transporter only	Unit 8/8 Cooper Street, Smithfield, NSW 2164	Transport of Category 1 and Category 2 trackable waste	• N/A
94	Environmental Treatment Solutions	Transporter only	PO Box 356, Minto, NSW, 2566	Transport of Category 1 and Category 2 trackable waste	• N/A
95	Cleanaway ResourceCO	Recycling facility	35-37 Frank Street, Wetherill Park, NSW, 2164	General solid waste (non-putrescible)	Office waste comingled recycling waste converted into Processed Engineered Fuel (PEF)
96	Cleanaway Erskine Park	Transfer/sorting facility	85-87 Quarry Road, Erskine Park, NSW, 2759	General Solid Waste (Putrescible) General Solid Waste (non-putrescible)	Any waste recovered Office general waste and comingled recycling



				Commercial and industrial mixed dry waste	
				C&D Timber	
				Metals	
97	Cleanaway Summerhill Waste Management Facility	Landfill	141 Minmi Road, Wallsend, NSW, 2287	General Solid Waste (Putrescible inert)	Office general waste/food waste
98	Doyle Bros, Fairfield	Recycling facility	87-91 Lisbon Street, Fairfield East, NSW, 2165	Paper and cardboard EPL licensee is Faralga Pty Ltd	Paper and cardboard
99	Botany Paper Mill – Opal (Nippon Paper Group)	Paper Mill	Botany Mill, 1891 Botany Road, Matraville, NSW, 2036	Paper and cardboard	Paper and cardboard

Central Station Main Works Project

Waste Management and Recycling Plan



Appendix B- Location of Waste Facilities

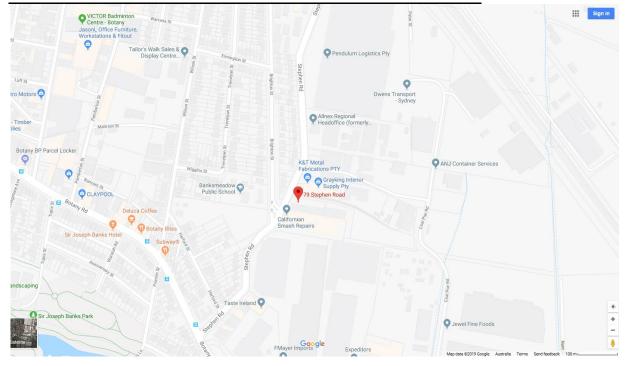


Concrete Recyclers Group: 14 Thackeray St, Camellia NSW 2142



Bingo Recycling Pty Ltd: 3-5 Duck St, Auburn NSW 2144 (operated by Adderley Recycling Pty Ltd)





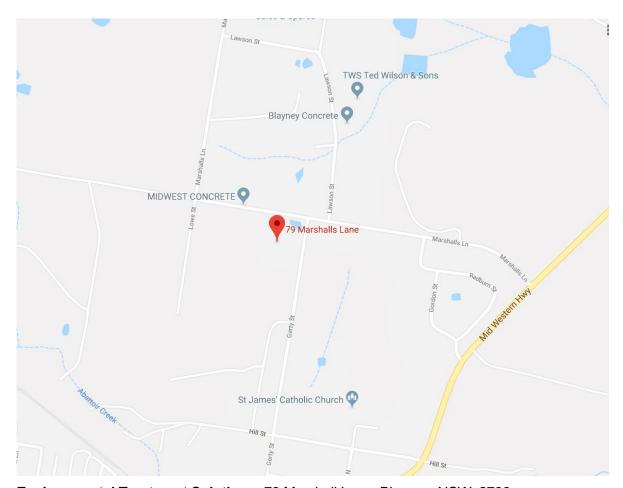
Liberty OneSteel Recycling: 79 Stephen Rd, Botany NSW 2019



Genesis Recycling Facility (Dial a Dump): Honeycomb Drive, Eastern Creek NSW 2766

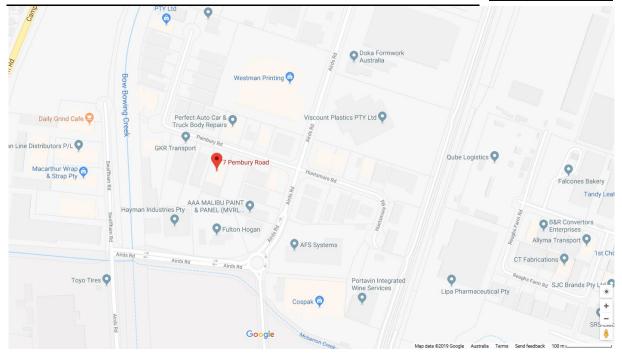
Central Station Main Works Project LAING O'ROURKE Waste Management and Recycling Plan 38 McPherson St **BANKSMEADOW** 38 McPherson St, Banksme NSW 2019, Australia Directions **RECYCLING CENTRE** Havit Lighting View larger map 38 McPherson Street 38 MCPHERSON ST, BANKSMEADOW EPL NO. 12857 Perry : Kingsford Timber Mitre 10 Hours of Operation: Monday - Friday: 24 Hours Saturday: 6:00am - 3:30pm (after hours tipping available) Sunday: Closed

Bingo Recycling: 38 McPherson St, Banksmeadow, NSW, 2019, Australia

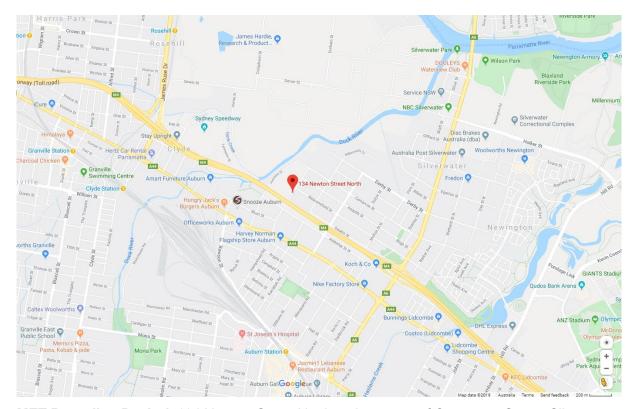


Environmental Treatment Solutions: 79 Marshall Lane, Blayney, NSW, 2799



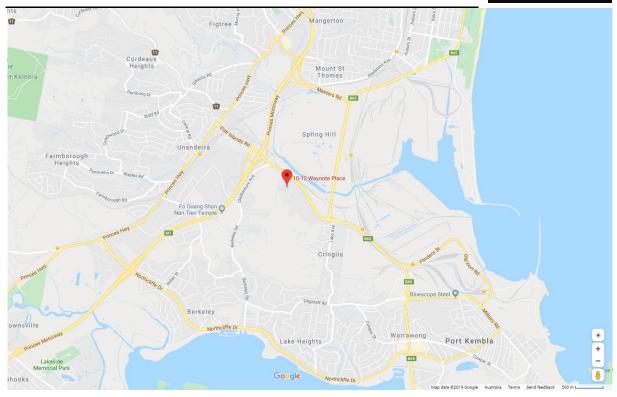


Environmental Treatment Solutions (ETS): 7 Pembury Road, Minto, NSW, 2566



MET Recycling Pty Ltd: 134 Newton Street North at the corner of Carnarvon Street, Silverwater NSW, 2128





Cleanaway Operations Pty Ltd – Transpacific Industries: 10-12 Waynote Place, Unanderra, NSW, 2526



KLF Holding Pty Ltd: 16 Grand Avenue, Camellia, NSW, 2142



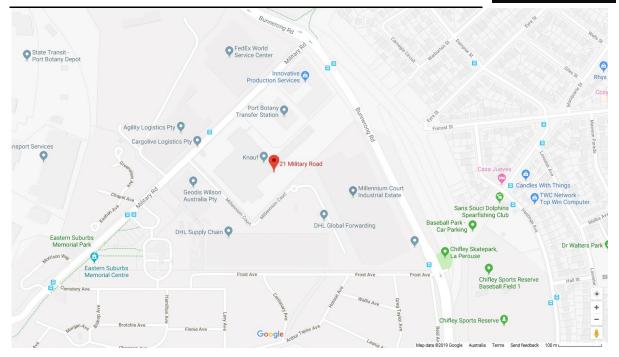


Toxfree Solutions: 42 - 46 Charles St, St Marys, NSW 2760

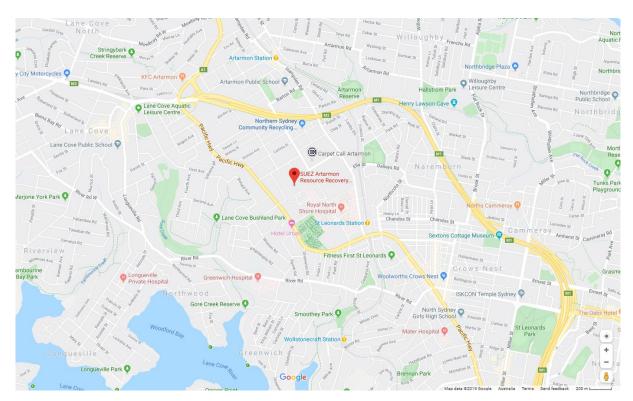


Sydney Trains Ballast Recycling Facility: Worth Street Gate 1, Chullora, NSW 2190



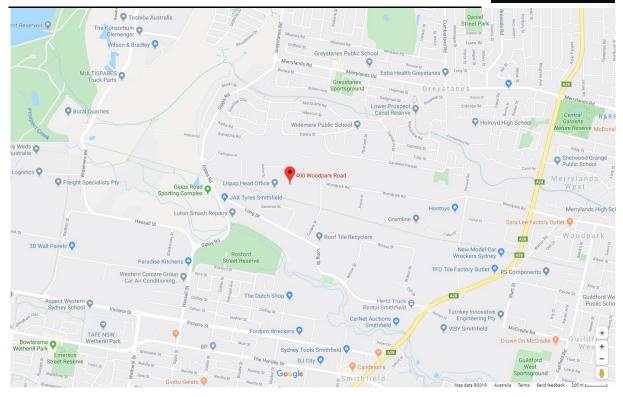


Port Botany Resource Recovery (Veolia): Lot 21 Military Road, Matraville NSW 2036

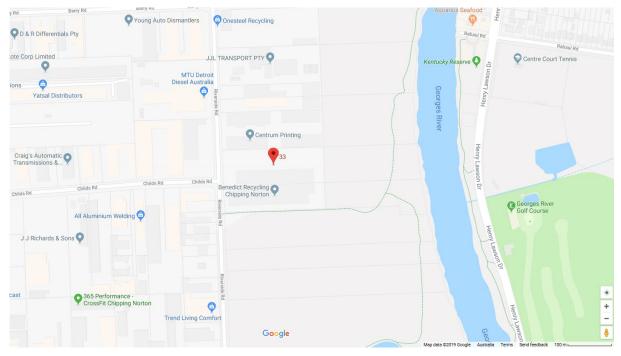


SUEZ - Artamon Waste Management Centre: 12 Lanceley Place, Artarmon, NSW, 2064



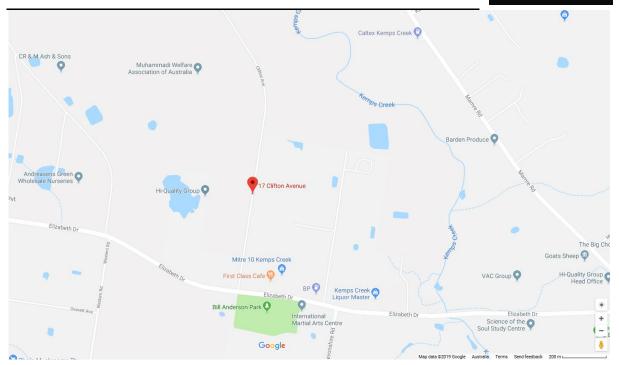


Lot 1 DP787080: 400 Woodpark Road, Smithfield, NSW, 2164

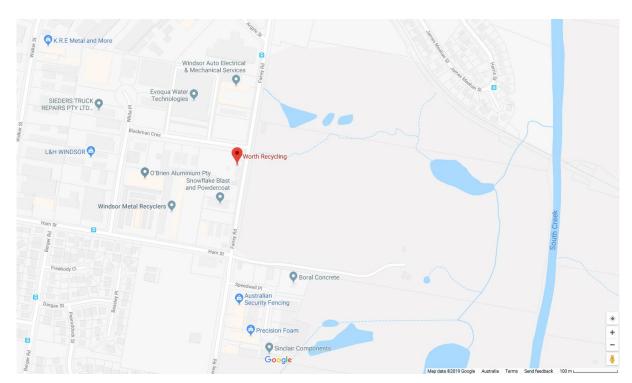


Benedict Recycling: 33/39 Riverside Rd, Chipping Norton NSW 2170



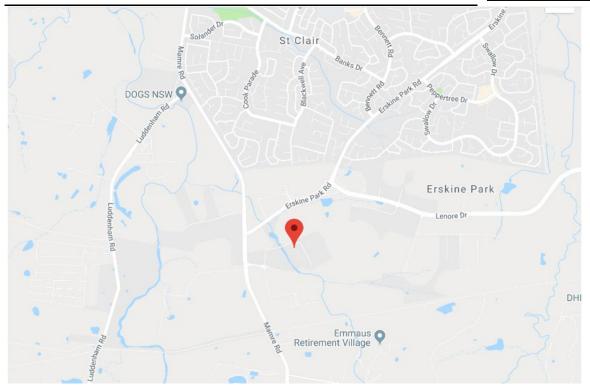


Sydney Recycling Park Pty Ltd: 17-23 Clifton Avenue, Kemps Creek NSW 2178

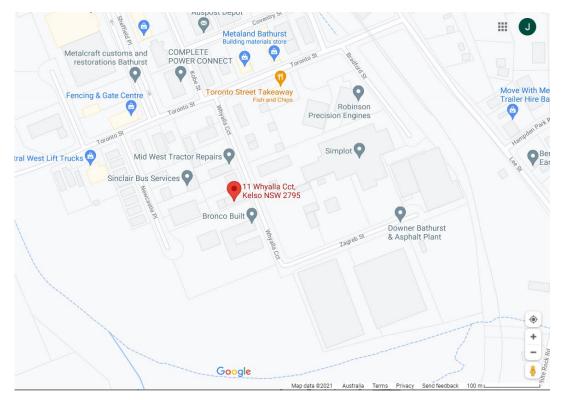


Toxfree Solutions (Part of Cleanaway): Corner Blackman Cres and Fairy Road, South Windsor NSW 2756



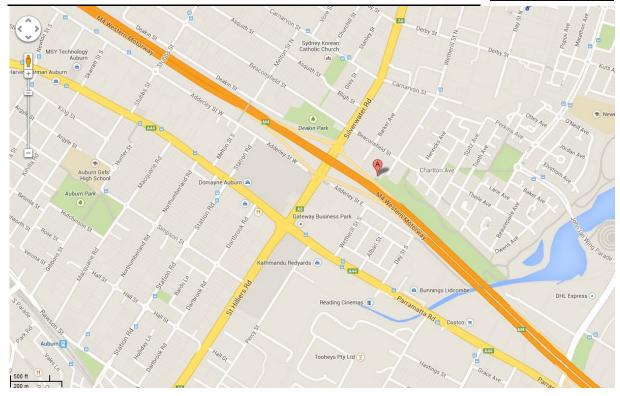


Cleanaway (Enviroguard): 38-50 Quarry Road, Erskine Park, NSW, 2759

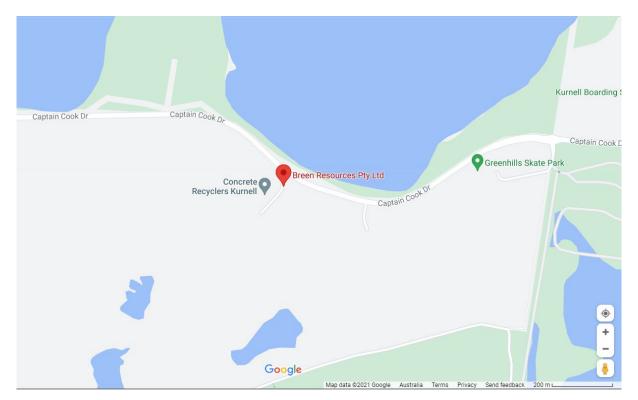


Better Grow Liquid Recycling: NSW Liquid Recycling Centre, 11 Whyalla Circuit, Kelso, NSW, 2795





Bettergrow: 48 Industry Road, Vineyard NSW 2765



Breen Resources: 333 Captain Cook Drive, Kurnell, NSW, 2231



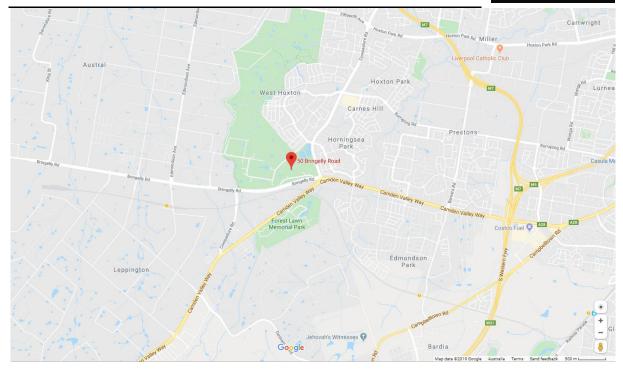


SUEZ (SITA)- Elizabeth Drive (Kemps Creek) Resource Recovery Park: 1725 Elizabeth Drive, Kemps Creek NSW 2178



EESI CONTRACTING PTY LTD: WASTE SCIENCE PTY LTD SOIL RECYCLING FACILITY 17 TURNERS LANE COOTAMUNDRA NSW 2590



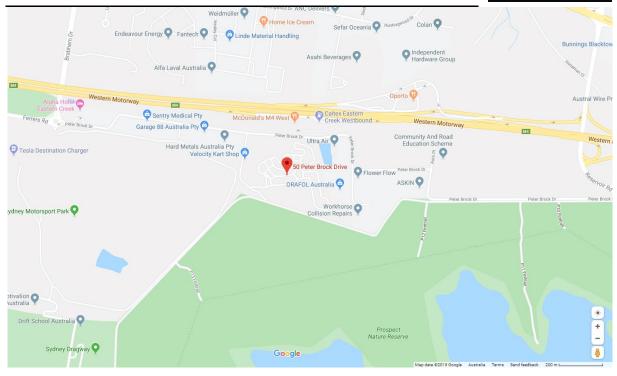


Westland Business Parkland: 50 Bringelly Rd Horningsea Park, NSW, 2171

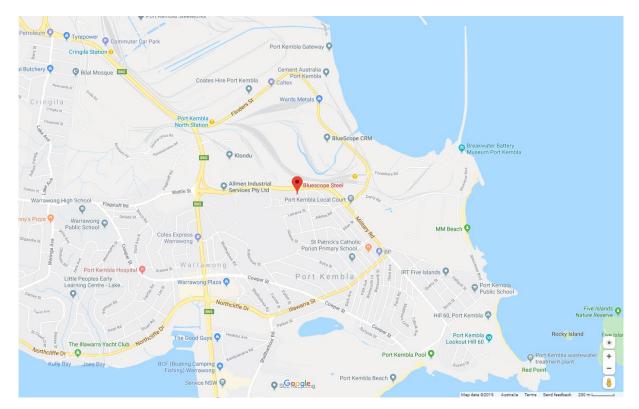


Metropolitan Demolitions & Recycling Pty Ltd: Rear 396 Princes Highway, St Peters NSW



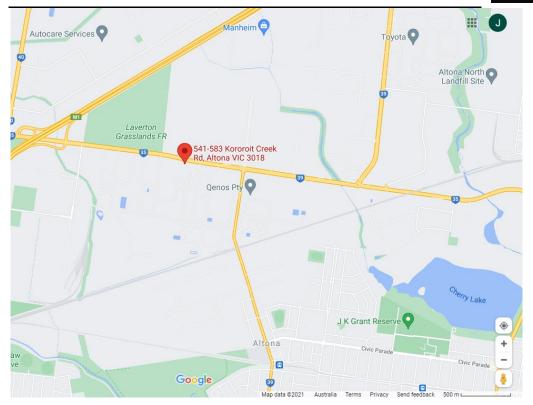


Indoor MotoX Park Complex: 50 Peter Brock Dr Eastern Creek, NSW, 2766

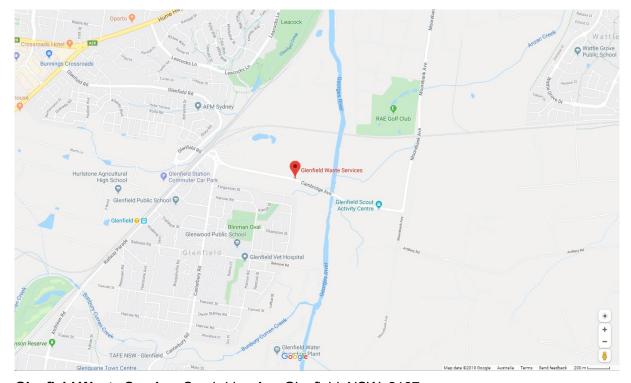


Bluescope Steel: Five Islands Road, Port Kembla, NSW, 2505



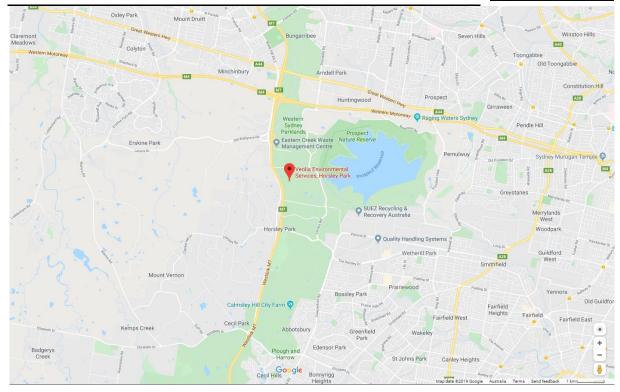


Enviropacific Services Pty Ltd: 541-583 Kororoit Creek Rd, Altona, VIC, 3018

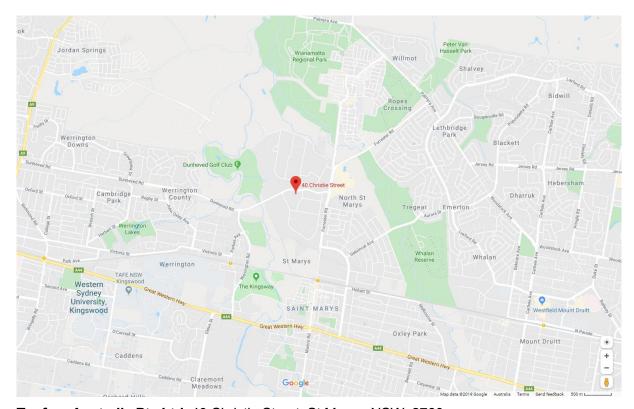


Glenfield Waste Service: Cambridge Ave Glenfield, NSW, 2167



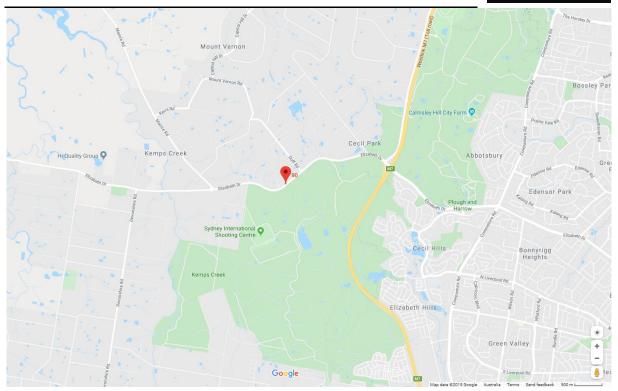


Veolia Environmental Services (Australia) Pty Ltd - Horsley Park Waste Management Facility: 752/716 Wallgrove road, Horsley Park, NSW, 2175

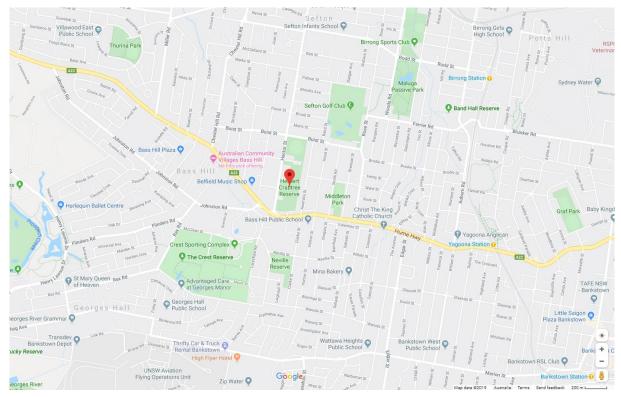


Toxfree Australia Pty Ltd: 40 Christie Street, St Marys, NSW, 2760



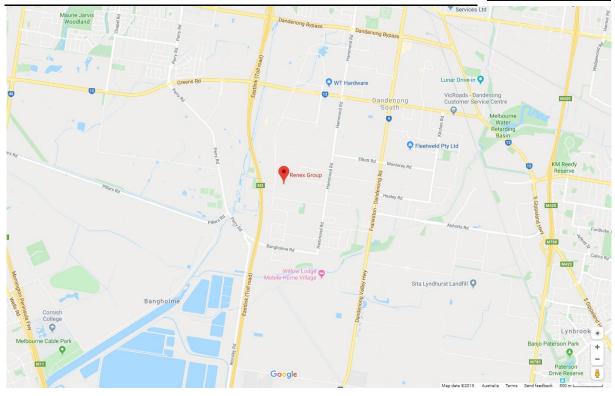


Brandown Pty Limited: Lot 90 Elizabeth Drive, Kemps Creek, NSW, 2178

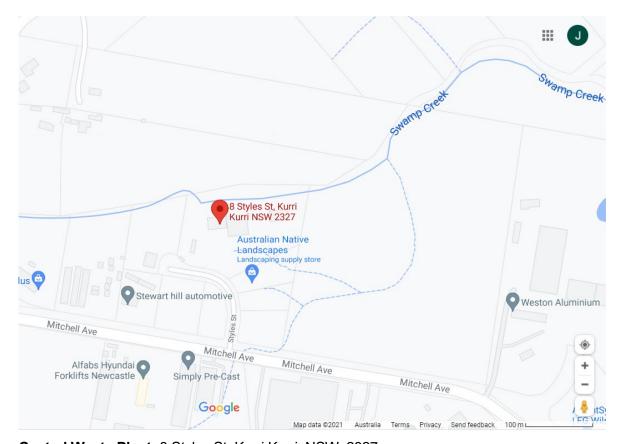


Herbert Crabtree Reserve: Herbert Crabtree Reserve, Bass Hill, NSW, 2197



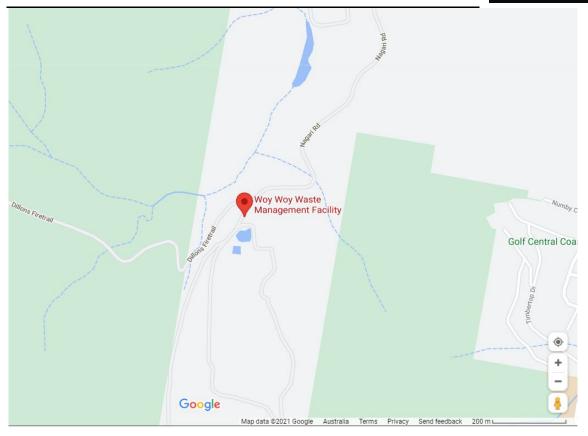


Renex Op Co Pty Ltd: 109-131 Ordish Rd, Dandenong South, VIC, 3175



Central Waste Plant: 8 Styles St, Kurri Kurri, NSW, 2327



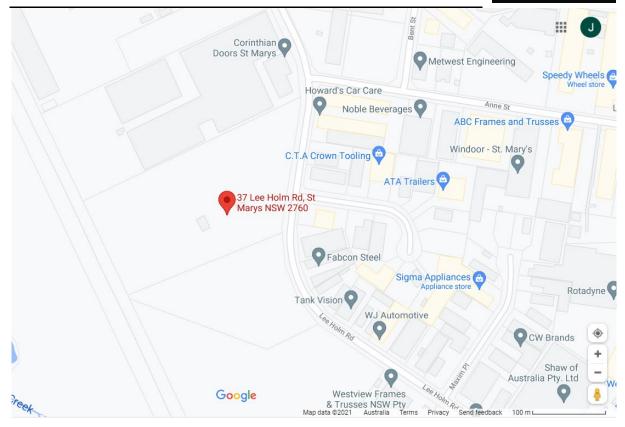


Woy Woy Landfill: Nagari Road, Woy Woy, NSW, 2256

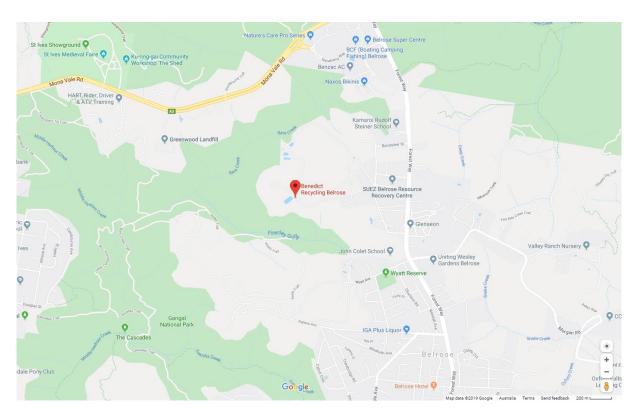


Eco Cycle Materials Pty Ltd: 155 Newton Road, Wetherill Park, NSW, 2164



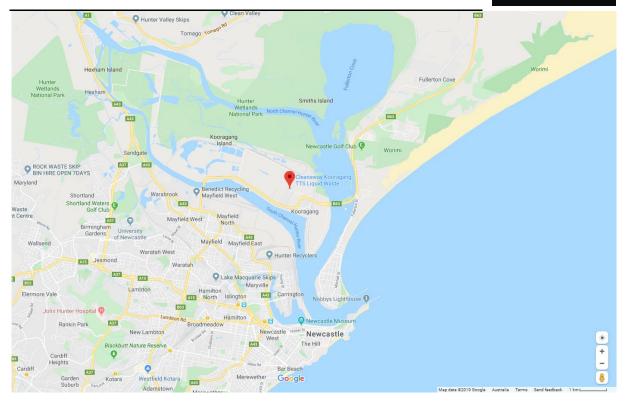


Hi-Quality Waste Management: 37 Lee Holm Rd, St Marys, NSW, 2164

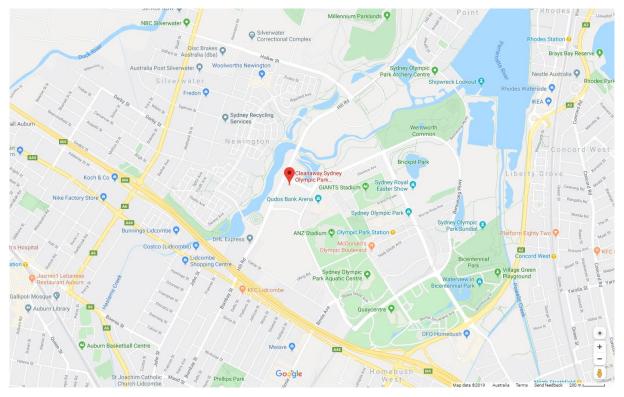


Benedict Recycling: End of Challenger Drive, Belrose, NSW, 2085



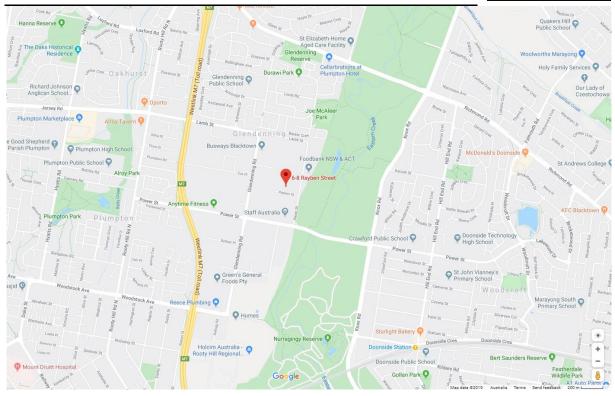


Cleanaway Operations Pty Ltd – TTS Liquid Waste Services: 47 Raven Street, Kooragang NSW, 2304

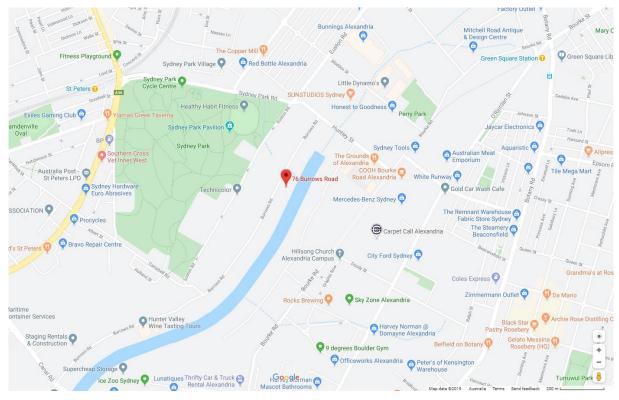


Cleanaway Operations Pty Ltd - Homebush Liquid Treatment Facility: Corner of Pondage Link & Hill Road, Homebush Bay NSW, 2127



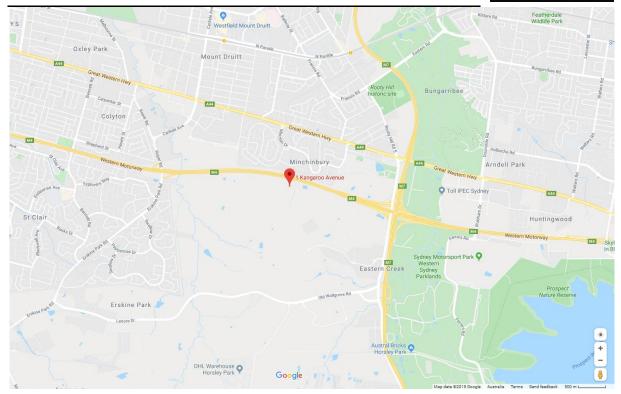


Cleanaway Operations Pty Ltd - Glendenning: 6-8 Rayben Street, Glendenning NSW, 2761

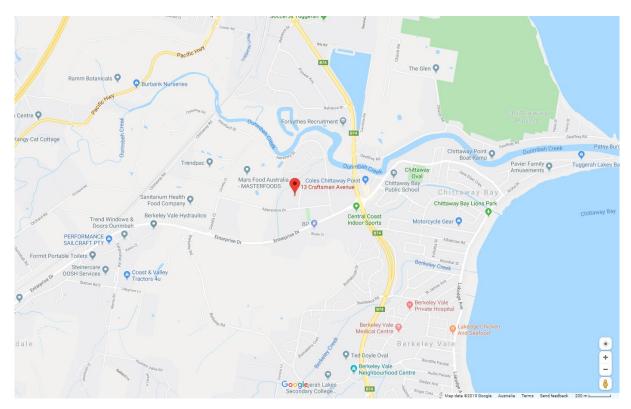


Dial A Dump Industries Pty Ltd - Genesis Waste Transfer Station: 76 Burrows Road, Alexandria, NSW, 2015



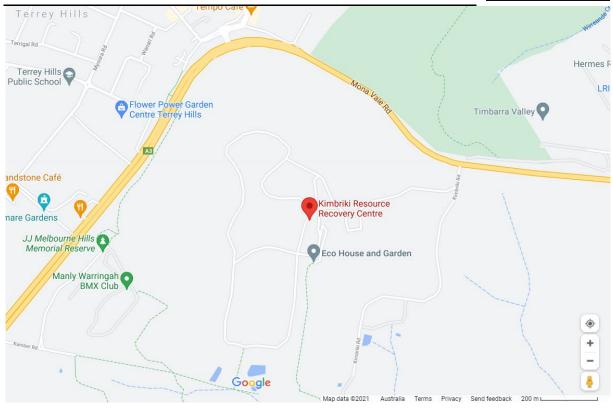


Genesis Landfill and Recycling Centre: 1 Kangaroo Avenue, Eastern Creek, NSW, 2766

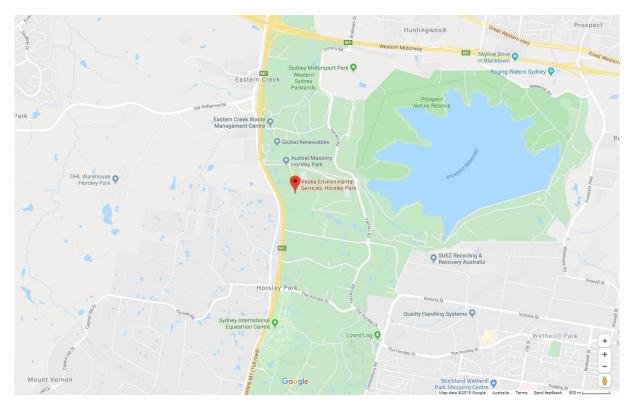


EBH Environmental Service Pty Ltd: 13 Craftsman Ave, Berkeley Vale, NSW, 2261



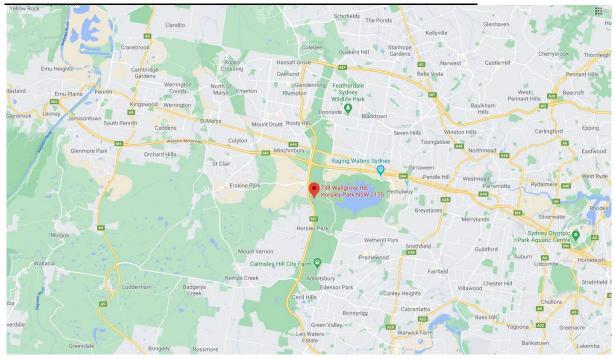


Kimbriki Environmental Enterprises: Kimbriki Rd, Terrey Hills, NSW, 2084

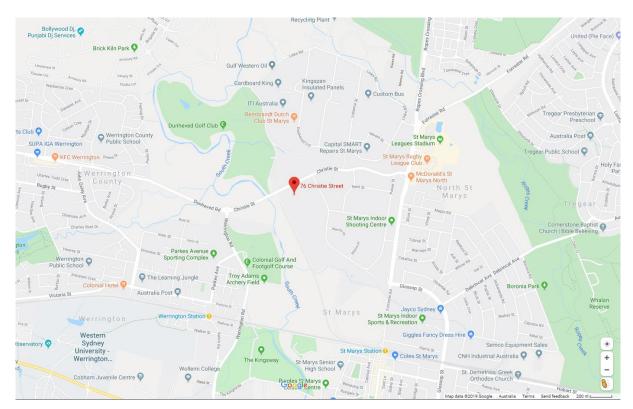


Veolia Environmental Services (Australia) Pty Ltd - Horsley Park Resource Recovery Facility: 752/716 Wallgrove Rd, Horsley Park, NSW, 2175



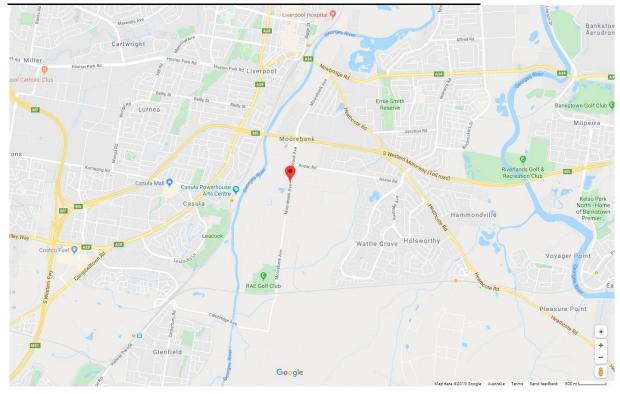


The Austral Brick Co Pty Ltd: 738-780 Wallgrove Road, Horsley Park, NSW, 2175

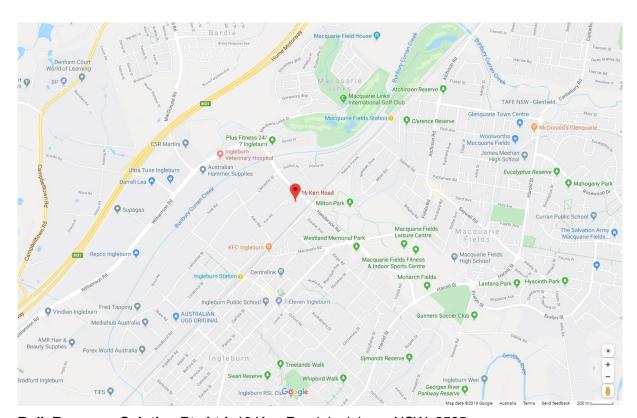


Sims Group Limited: 76-100 Chrisities Street, St Marys, NSW, 2760



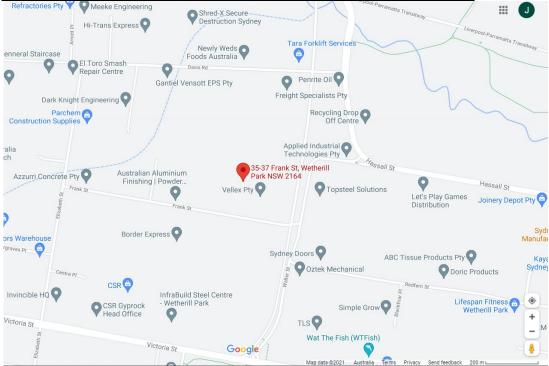


Sydney Intermodal Terminal Alliance (SIMTA): Eastern side of Moorebank Avenue, Moorebank, NSW, 2170

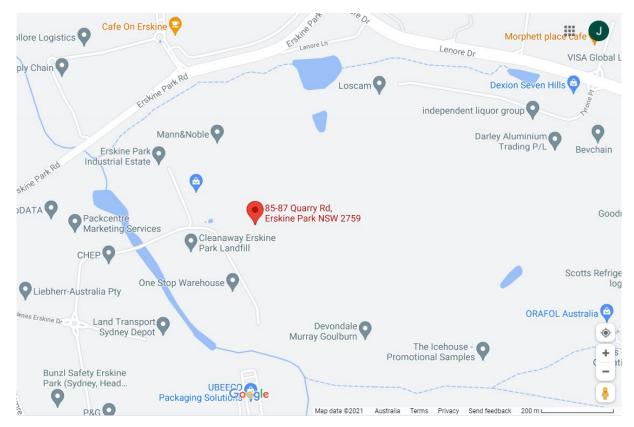


Bulk Recovery Solution Pty Ltd: 16 Kerr Road, Ingleburn, NSW, 2565



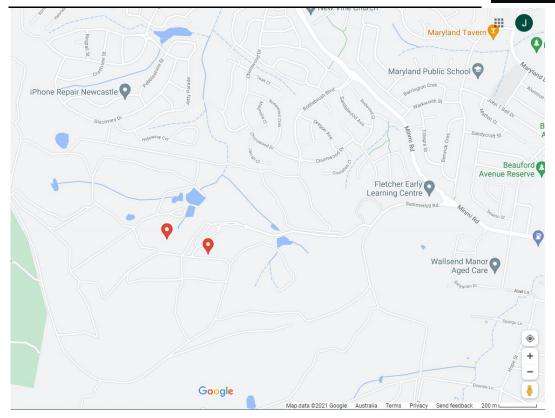


Cleanaway ResourceCo: 35-37 Frank Street, Wetherill Park, NSW, 2164

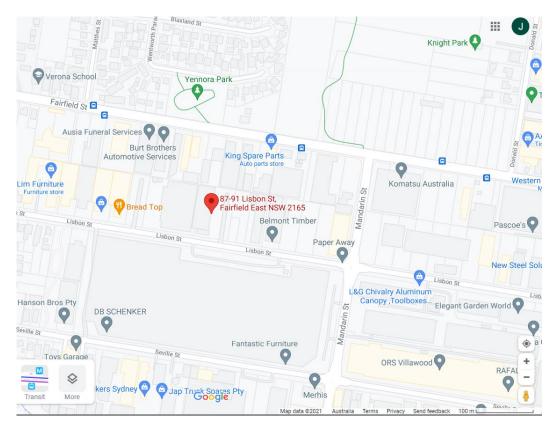


Cleanaway Erskine Park: 85-87 Quarry Road, Erskine Park, NSW 2759



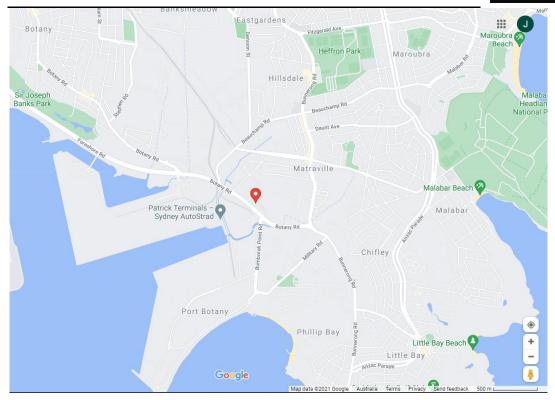


Cleanaway Summerhill Waste Management Facility: 141 Minmi Road, Wallsend, NSW, 2287

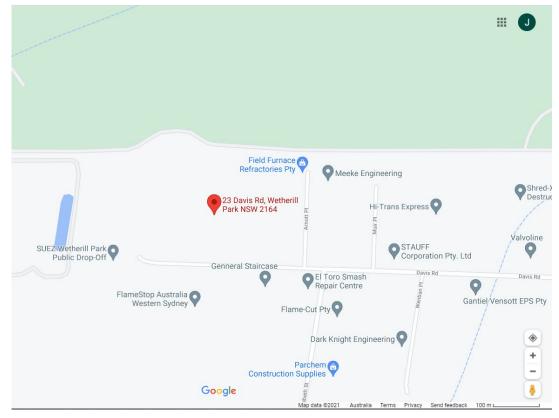


Doyle Bros: 87-91 Lisbon Street, Fairfield East, NSW, 2165



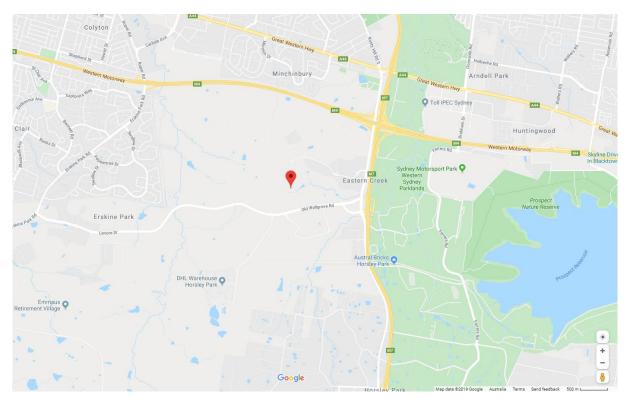


Botany Paper Mill: 1891 Botany Road, Matraville, NSW 2036

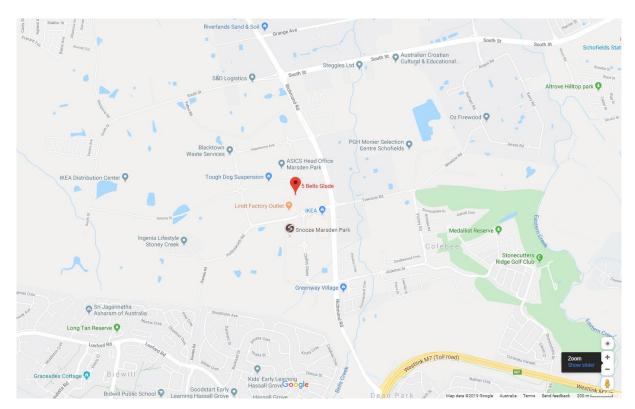


Infrabuild Recycling: 23 Davis Road, Wetherill Park, NSW, 2164



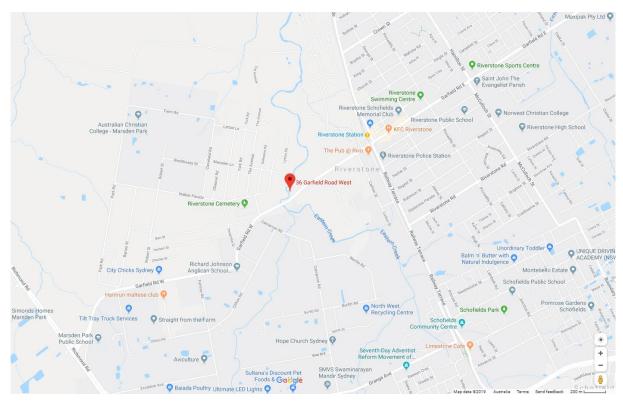


Lot 23 Eastern Creek Drive: Eastern Creek, NSW, 2766

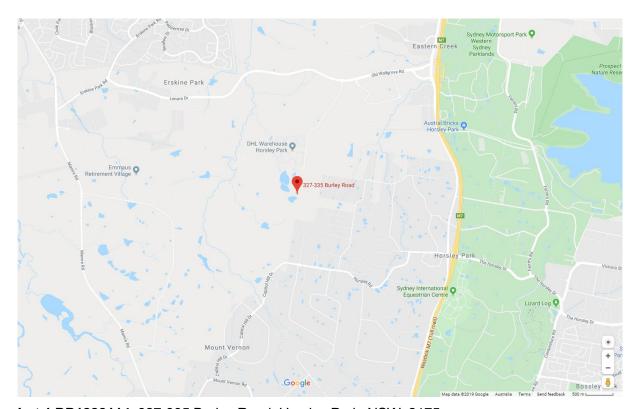


Marsden Park Developments Pty Ltd: 5 Bells Glade Marsden Park, NSW, 2765





Lot 211 DP830505: 36 Garfield Road West, Riverstone, NSW, 2765

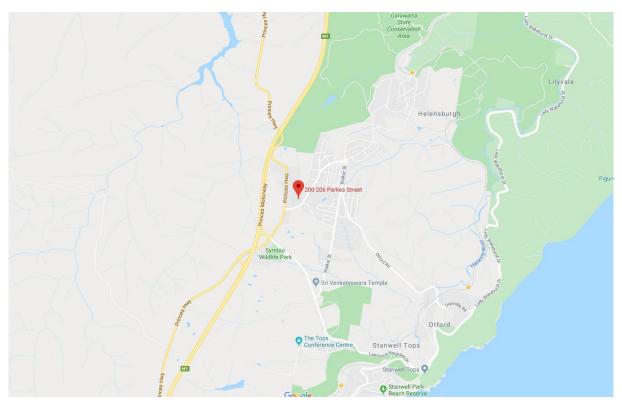


Lot 1 DP1228114: 327-335 Burley Road, Horsley Park, NSW, 2175

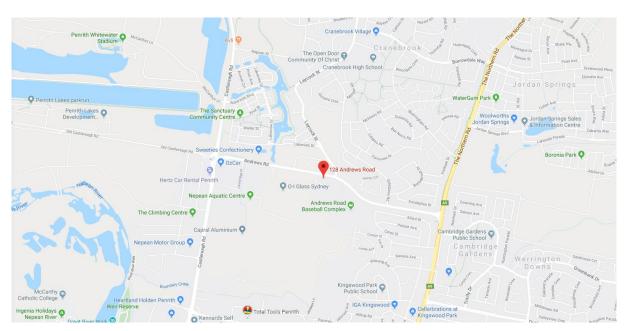
Central Station Main Works Project

Waste Management and Recycling Plan





Lot 179 DP752033: 200-206 Parkes Street Helensburgh, NSW, 2508

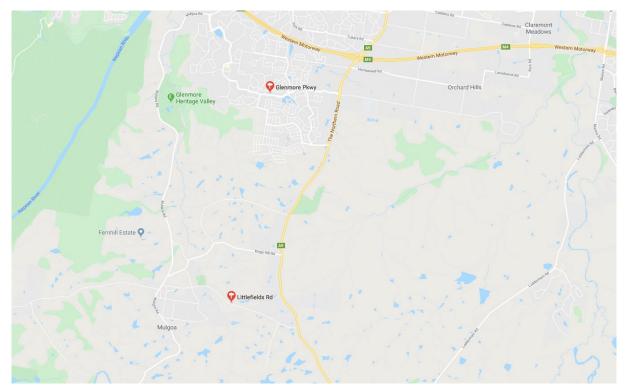


Lot 20 DP1216618: 128 Andrews Road, Penrith, NSW, 2750



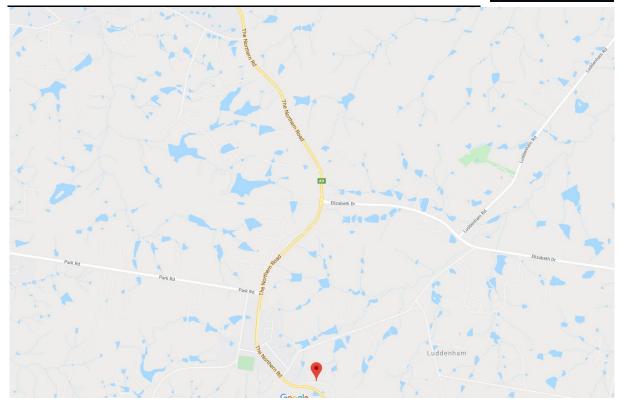


Willowdale Precincy & **Denham Court Road Precinct**: 128-320 Denham Court Road, Denham Court, NSW, 2565

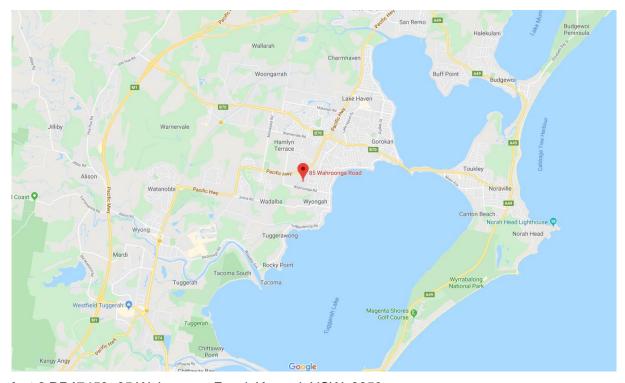


The Northern Road Upgrade Stage 5: Between Littlefields Road and Glenmore Parkway, Orchard Hills, NSW, 2748



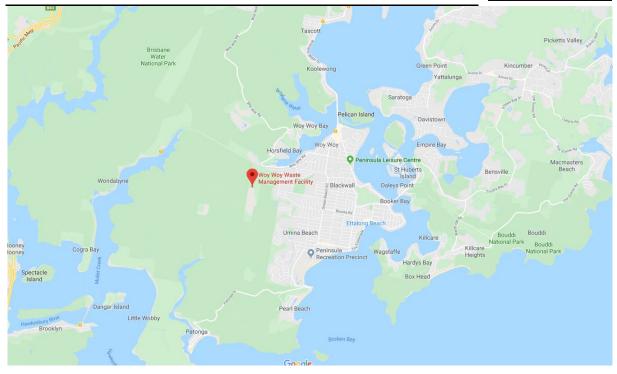


The Northern Road Upgrade Stage 6: Between Littlefields Road and Eaton Road, Luddenham, NSW, 2745



Lot 2 DP17453: 85 Wahroonga Road, Kanwal, NSW, 2259



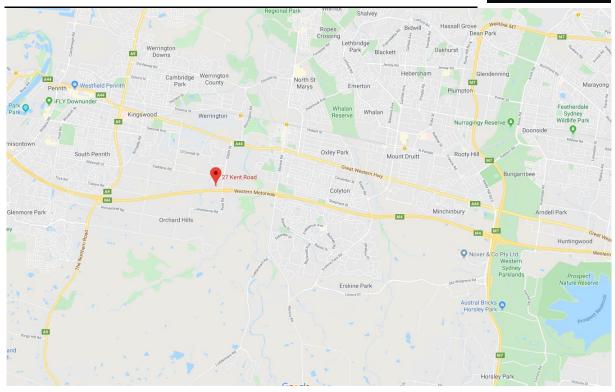


Woy Woy Landfill: Nagari Road, Woy Woy, NSW, 2256



Lot 5 DP260390: 115 Mount View Close, Razorback, NSW, 2571





Lot 14 DP27107: 27 Kent Road & 326-330 Caddens Road, Claremont Meadows, NSW, 2747

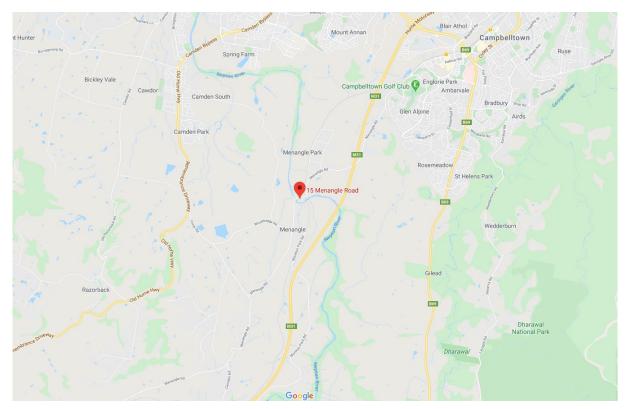


Erskine Park: 2 Aldington Road, Kemps Creek, NSW, 2178





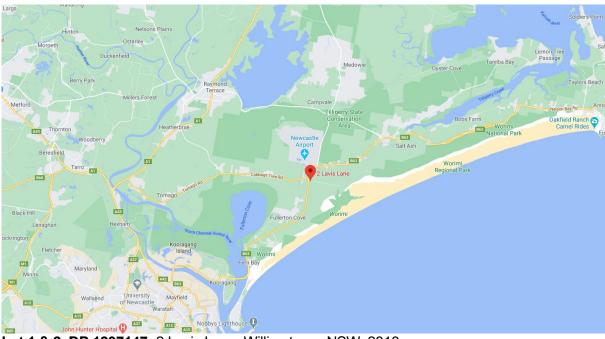
Lot 1 & Lot 2 DP 1150239: 249 Phoenix Park Road, Phoenix Park, NSW, 2321



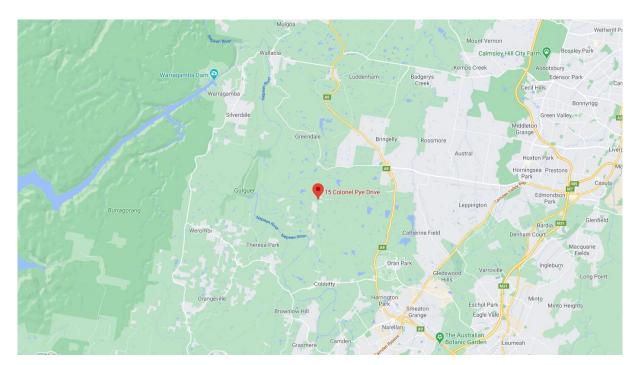
Lot 201 DP 590247, Lot 21 DP 581462: 15 Menangle Road, Menangle, NSW, 2563

Waste Management and Recycling Plan



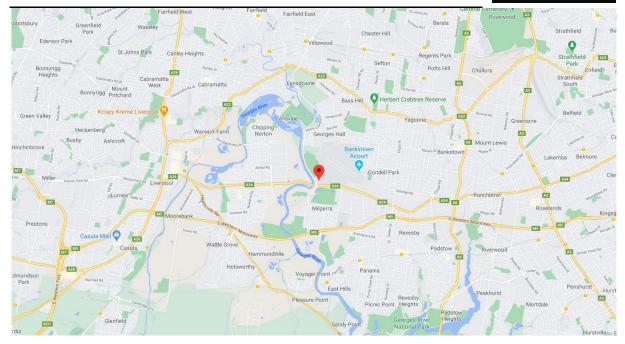


Lot 1 & 2, DP 1237147: 2 Lavis Lane, Williamtown, NSW, 2318

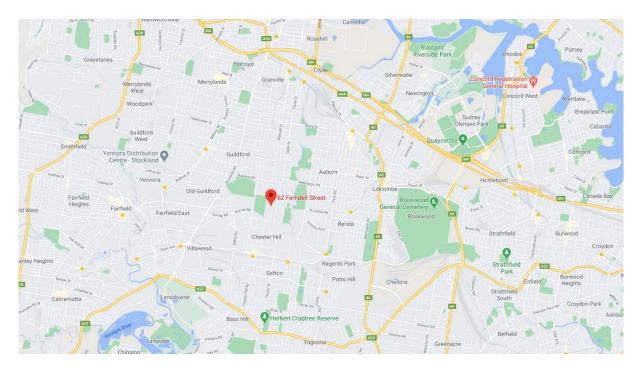


Lot 512, DP 834331: 15 Colonel Pye Drive, Cobbitty, NSW, 2570



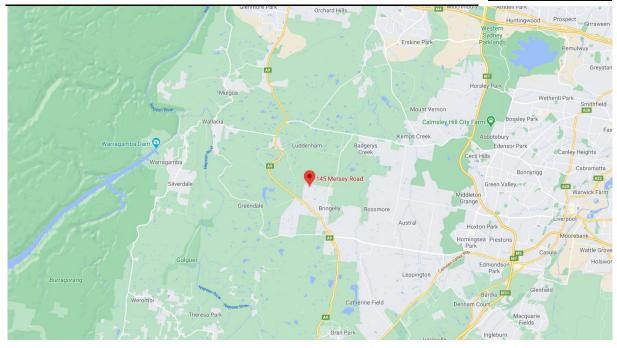


Lot 305 & 306; DP 1077440: Starkie Drive, Bankstown Aerodrome, NSW, 2200

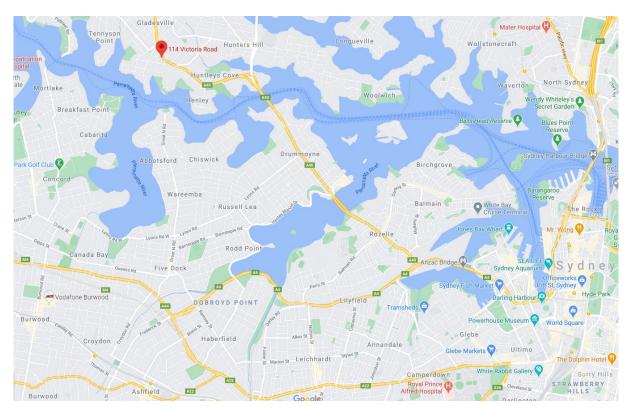


Lot 50 DP 816718: 62 Ferndell Street, South Granville, NSW, 2142



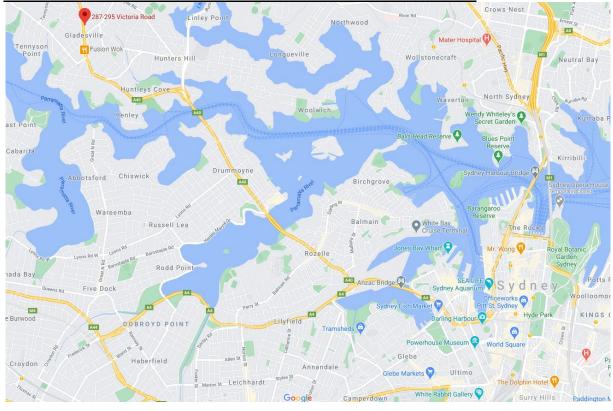


Lot 16 DP 2650: 145 Mersey Road, Bringelly, NSW, 2556

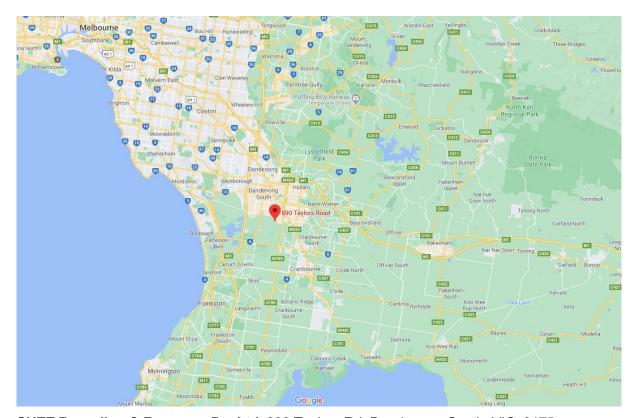


Lot 1 DP 785002: 114-116 Victoria Road, Gladesville, NSW, 2111



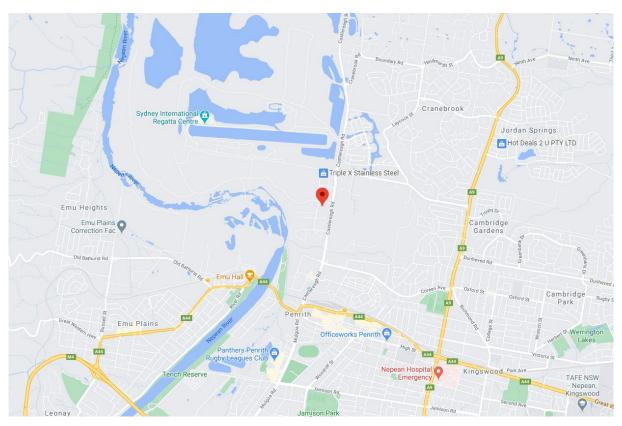


Lot 1 DP 811044: 287-295 Victoria Road, Gladesville, NSW, 2111

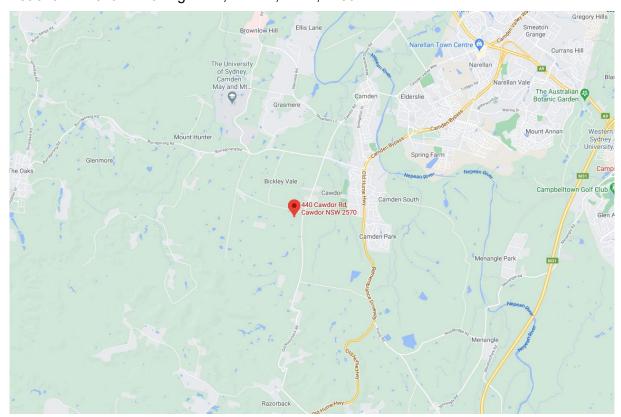


SUEZ Recycling & Recovery Pty Ltd: 890 Taylors Rd, Dandenong South, VIC, 3175



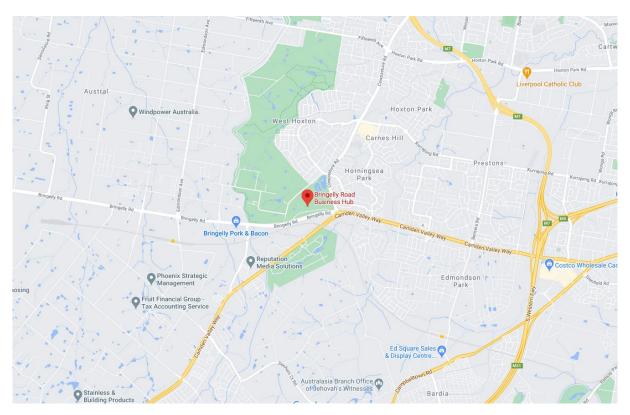


Lot 310 DP 752021: 16 Lugard St, Penrith, NSW, 2750

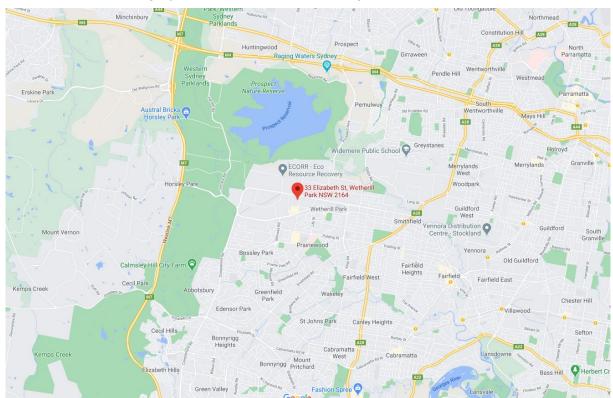


Lot 11 DP 664430: 440 Cawdor Rd, Cawdor, NSW, 2570



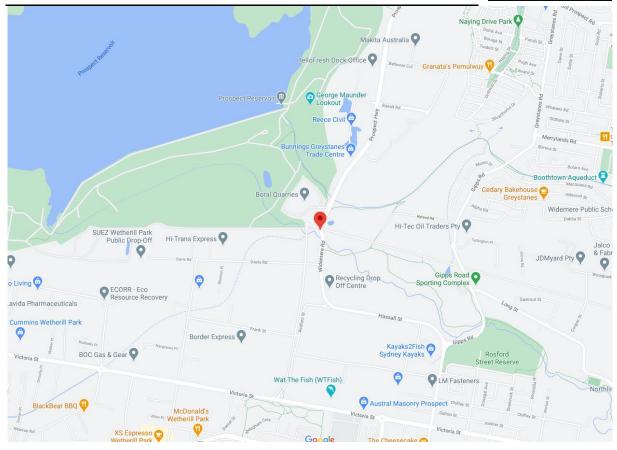


Lot 11 DP 29104: Bringelly Road Business Hub, Leppington, NSW, 2179

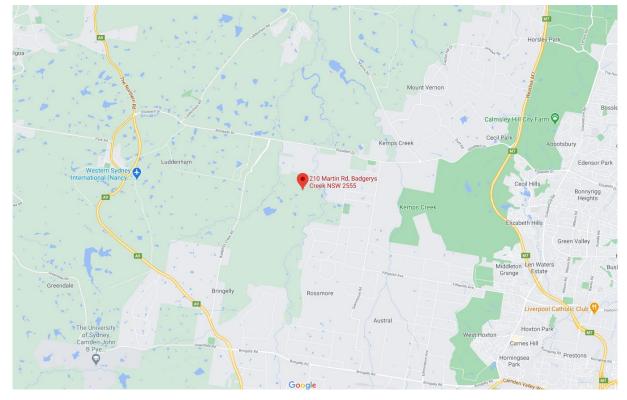


Lot 8A DP 360199: 33 Elizabeth St, Wetherill Park, NSW, 2164





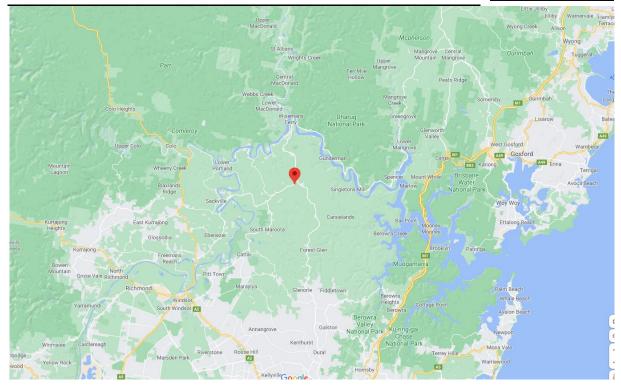
Boral Recycling Pty Ltd: 38 Widemere Road, Wetherill Park, NSW, 2164



Australian Native Landscapes Pty Ltd: 210 Martin Road, Badgerys Creek, NSW, 2555

Waste Management and Recycling Plan



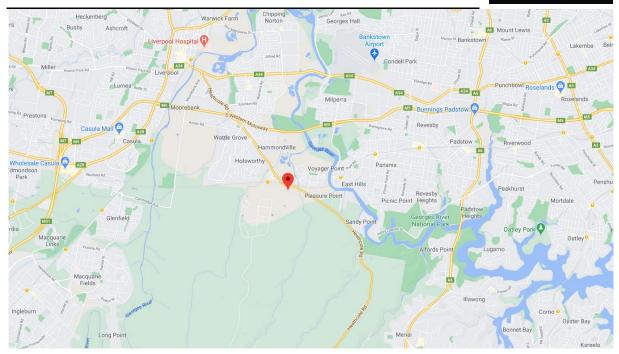


PF Formation Pty Ltd: 1774 Wisemans Ferry Road, Maroota, NSW, 2756

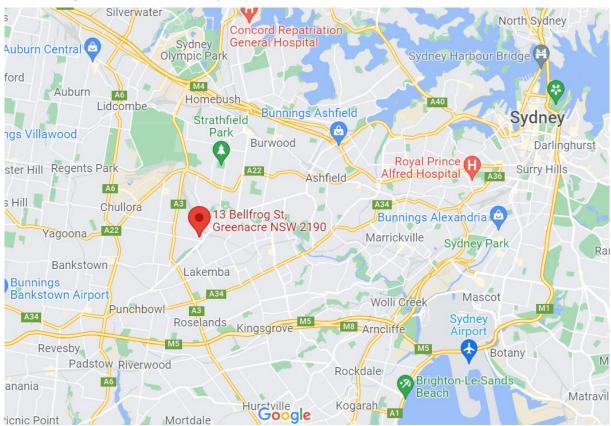


Glenlee Coal Preparation Plant: 214 Springs Road, Mount Annan, NSW, 2567





Holsworthy Barracks, Holsworthy, NSW, 2173



Aussie Recycling Greenacre: 13 Bellfrog Street, Greenacre, NSW, 2190

Waste Management & Recycling Plan



Appendix C - Distances to location of Waste Facilities and EPL Numbers

Waste Transporter	Waste Disposal Facilities, Transporters and Address	Distance to CSM (Km)	EPL Number
NASS	Concrete Recyclers Group(14 Thackeray St, Camellia NSW 2142)	23	6664
	Bingo Recycling Pty Ltd Auburn (3-5 Duck ST, Auburn NSW 2144) operated by Adderley Recycling Pty Ltd	21	10935
	Liberty OneSteel Recycling (79 Stephen Rd, Botany NSW 2019)	9.4	2270
	Genesis Recycling Facility (Dial A Dump EC PTY LTD): Honeycomb Drive, Eastern Creek, NSW 2766	59.8	20121 / 13426
	Bingo Recycling Pty Ltd (Operated by McPherson Recycling): 38 McPherson St, Banksmeadow, 2019	10.4	12857
	Environmental Treatment Solutions (ETS): 79 Marshall Lane, Blanyney NSW 2799	235	13230
	Environmental Treatment Solutions (ETS): 7 Pembury Road, Minto NSW 2566	50	20696
	MET Recycling Pty Ltd: 134 Newton Street North at the corner of Carnarvon Street, Silverwater NSW, 2128	18.3	20948
	KLF Holding Pty Ltd: 16 Grand Avenue, Camellia, NSW, 2142	23	12700
	Cleanaway Operations Pty Ltd – Transpacific Industries: 10-12 Waynote Place, Unanderra, NSW, 2526	86.6	10251
	Onesteel Recycling Pty Ltd (Infrabuild Recycling): 23 Davis Road, Wetherill Park, NSW, 2164	35.2	546



Pure Contracting (Transporter only)	Pure Contracting 4/31-33 Nyrang St, Lidcombe NSW 2141	~18	20110
SJ Read	Concrete Recyclers (Group) (14 Thackeray St, Camellia NSW 2142)	23	6664
	Toxfree Solutions: 42 - 46 Charles St, St Marys, NSW 2760	49.7	20271
	Sydney Trains Ballast Recycling Facility: Worth Street Gate 1, Chullora, NSW 2190	18.6	7515
Toxfree	Port Botany Resource Recovery (Veolia): Lot 21 Military Road, Matraville NSW 2036	12.3	6179
	Benedict Recycling: 33/39 Riverside Rd, Chipping Norton NSW 2170	30.5	12794
	Sydney Recycling Park Pty Ltd, 17-23 Clifton Avenue, Kemps Creek NSW 2178	50.6	12901
	Toxfree Solutions (Part of Cleanaway): Corner Blackman Cres and Fairy Road, South Windsor NSW 2756	59.4	4602
	Bingo Recycling Pty Ltd: 38 McPherson St, Banksmeadow, 2019 (Operated by McPherson Recycling)	10.6	12857
	Cleanaway (Enviroguard): 38-50 Quarry Road, Erskine Park, NSW, 2759	45.5	4865
	Better Grow Liquid Recycling PTY LTD: NSW Liquid Recycling Centre, 11 Whyalla Circuit, Kelso, NSW 2795	197	12529
	Better Grow PTY Limited: 48 Industry Rd, Vineyard, NSW 2765	55.6	5487
	SUEZ - Artamon Waste Management Centre: 12 Lanceley Place, Artarmon, NSW, 2064	11.2	4922



	T	Γ	
Lantrak NSW PTY LTD	Breen Resources: Captain Cook Drive, Kurnell, NSW 2231	29.5	4608
(Transporter)	Suez (SITA Australia PTY LTD): 1725 Elizabeth Drive, Kemps Creek NSW 2178	57.6	4068
	Landtrak NSW PTY LTD: PO Box 744, Stanhope Gardens NSW 2768 (Cat 1 and 2 Trackable Waste)	~45	20916
	EESI CONTRACTING PTY LTD: Waste Science LTD Soil Recycling Facility 17 Turners Lane Cootamundra, NSW 2590	376	13413
	Westland Business Parkland: 50 Bringelly Rd Horningsea Park, NSW, 2171	45	DP29104
	Metropolitan Demolitions & Recycling Pty Ltd: Rear 396 Princes Highway, St Peters NSW	5.6	11483
	Indoor MotoX Park Complex: 50 Peter Brock Dr Eastern Creek, NSW, 2766	34.5	DP1079897
	Bluescope Steel: Five Islands Road, Port Kembla, NSW, 2505	91	The Port Kembla Steelworks Excavated Material Exemption/Order 2018
	Enviropacific Services Pty Ltd: 541-583 Kororoit Creek Rd Altona, VIC, 3018	882	186685
	Glenfield Waste Service: Cambridge Ave Glenfield, NSW, 2167	39.4	4614
	Veolia Environmental Services (Australia) Pty Ltd - Horsley Park Waste Management Facility: 752/716 Wallgrove road, Horsley Park, NSW, 2175	39.2	11584
	Toxfree Australia Pty Ltd: 40 Christie Street, St Marys, NSW, 2760	50.9	12628



	T.	Т
Brandown Pty Limited: Lot 90 Elizabeth Drive, Kemps Creek NSW, 2178	46.6	5186
Herbert Crabtree Reserve: Herbert Crabtree Reserve, Bass Hill, NSW, 2197	24.7	DP22712
Renex Op Co Pty Ltd: 109-131 Ordish Rd, Dandenong South, VIC, 3175	915	127068
Lot 1 DP787080: 400 Woodpark Road, Smithfield, NSW, 2164	30.2	DP787080
Sydney Intermodal Terminal Alliance (SIMTA): Eastern side of Moorebank Avenue, Moorebank, NSW, 2170	35.6	DP1048263
Central Waste Plant Pty Ltd: 8 Styles Street, Kurri Kurri, NSW, 2327	152	13013
Lot 23 Eastern Creek Drive, Eastern Creek, NSW, 2766	38.2	DP1206997
Marsden Park Developments Pty Ltd: 5 Bells Glade Marsden Park, NSW, 2765	48.8	DP105258
Lot 211 DP830505: 36 Garfield Road West, Riverstone, NSW, 2765	53.8	DP830505
Lot 1 DP1228114: 327-335 Burley Road, Horsley Park, NSW, 2175	40.8	DP1228114
Lot 179 DP752033: 200-206 Parkes Street Helensburgh, NSW, 2508	51	DP752033
Lot 20 DP1216618: 128 Andrews Road, Penrith, NSW, 2750	55	DP1216618
Willowdale Precinct: 128-320 Denham Court Road, Denham Court, NSW, 2565	46.6	DA3953/2017
Denham Court Road Precinct, Denham Court, NSW, 2565	46.6	DA 3872/2016
The Northern Road Upgrade Stage 5: Between Littlefields Road and Glenmore Parkway, Orchard Hills, NSW, 2748	51.5	21189



	The Northern Road Upgrade Stage 6: Between Littlefields Road and Eaton Road, Luddenham, NSW, 2745	58.4	21248
	Lot 2 DP17453: 85 Wahroonga Road, Kanwal, NSW, 2259	105	DP17453
	Woy Woy Landfill: Nagari Road, Woy Woy, NSW, 2256	86.6	6053
	Lot 5 DP260390: 115 Mount View Close, Razorback, NSW, 2571	81.7	DP260390
	Lot 14 DP27107: 27 Kent Road & 326- 330 Caddens Road, Claremont Meadows, NSW, 2747	46.5	DP27107
	Eco Cycle Materials Pty Ltd: 155 Newton Road, Wetherill Park, NSW, 2164	36.7	10699
	Erskine Park: 2 Aldington Road, Kemps Creek, NSW, 2178	49.2	DP663937
	Hi-Quality Waste Management Pty Ltd: 37 Lee Holm Road, St Marys, NSW, 2760	51.2	5857
	Lot 1 & Lot 2: 249 Phoenix Park Road, Phoenix Park, NSW, 2321	172	DP 1150239
	Lot 201, Lot 21: 15 Menangle Road, Menangle, NSW, 2563	66.5	DP 590247 & DP 581462
	Lot 1 & 2: 2 Lavis Lane, Williamtown, NSW, 2318	177	DP 1237147
	Lot 512: 15 Colonel Pye Drive, Cobbitty, NSW, 2570	71.4	DP 834331
	Lot 305 & 306: Starkie Drive, Bankstown Aerodrome, NSW, 2200	27.9	DP 1077440
	Lot 50 : 62 Ferndell Street, South Granville, NSW, 2142	21.7	DP 816718
	Lot 16: 145 Mersey Road, Bringelly, NSW, 2556	54	DP 2650

Waste Management & Recycling Plan



Lot 1: 114-116 Victoria Road, Gladesville, NSW, 2111	10.6	DP 785002
Lot 1: 287-295 Victoria Road, Gladesville, NSW, 2111	12.1	DP 811044
SUEZ Recycling & Recovery Pty Ltd: 890 Taylors Rd, Dandenong South, VIC, 3175	910	211831
Lot 310: 16 Lugard St, Penrith, NSW, 2750	58.7	DP 752021
Lot 11: 440 Cawdor Rd, Cawdor, NSW, 2570	66.5	DP 664430
Lot 11: Bringelly Road Business Hub, Leppington, NSW, 2179	40.7	DP 29104
Lot 8A DP 360199: 33 Elizabeth St, Wetherill Park, NSW, 2164	35.9	DP360199
The Austral Brick Co Pty Ltd: 738-780 Wallgrove Road, Horsley Park, NSW, 2175	39	546
Boral Recycling Pty Ltd: 38 Widemere Road, Wetherill Park, NSW, 2164	36.9	11815
Australian Native Landscapes Pty Ltd: 210 Martin Road, Badgerys Creek, NSW, 2555	34.9	4625
PF Formation Pty Ltd: 1774 Wisemans Ferry Road, Maroota, NSW, 2756	68.6	3829
Glenlee Coal Preparation Plant: 214 Springs Road, Mount Annan, NSW, 2567	63.6	1596
Holsworthy Barracks, Holsworthy, NSW, 2173	32.3	File Reference APP2021-002
Aussie Recycling Greenacre: 13 Bellfrog Street, Greenacre, NSW, 2190	20.4	21389
Unit 8/8 Cooper Street, Smithfield, NSW 2164 (Cat 1 and 2 Trackable Waste)	~30	21172

Load Ranger (Transporter)

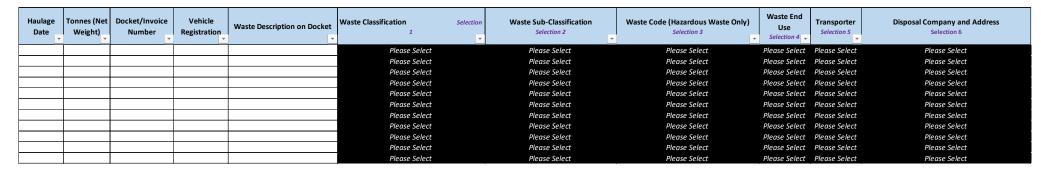


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Environmental Treatment Solutions (Transporter)	PO Box 356, Minto, NSW 2566 (Cat 1 and 2 Trackable Waste)	~50	13157
Delta	Benedict Recycling: End of Challenger Drive, Belrose, NSW, 2085	23.6	4504
	Cleanaway Operations Pty Ltd – TTS Liquid Waste Services: 47 Raven Street, Kooragang NSW, 2304	167	6124
	Cleanaway Operations Pty Ltd - Homebush Liquid Treatment Facility: Corner of Pondage Link & Hill Road, Homebush Bay NSW, 2127	17.4	6124
	Cleanaway Operations Pty Ltd – Glendenning: 6-8 Rayben Street, Glendenning NSW, 2761	50	6091
	Dial A Dump Industries Pty Ltd - Genesis Waste Transfer Station: 76 Burrows Road, Alexandria, NSW, 2015	4.2	4679
	Genesis Landfill and Recycling Centre: 1 Kangaroo Avenue, Eastern Creek, NSW, 2766	39.6	13426
	EBH Environmental Service Pty Ltd: 13 Craftsman Ave, Berkeley Vale, NSW, 2261	91.2	20642
	Kimbriki Environmental Enterprises Pty Ltd: Kimbriki Rd, Terrey Hills, NSW, 2084	28.2	13091
	Veolia Environmental Services (Australia) Pty Ltd - Horsley Park Resource Recovery Facility: 752/716 Wallgrove Rd, Horsley Park, NSW, 2175	39.2	20339
	Sims Group Limited: 76-100 Chrisitie Street, St Marys, NSW, 2760	50.4	6934
Select, Grasshopper	Bulk Recovery Solution Pty Ltd: 16 Kerr Road, Ingleburn, NSW, 2565	47.4	20797

Waste Management & Recycling Plan



Appendix D - Waste Tracking Register Template



Waste Reporting Template_All Contractors.xlsx

Waste dockets are received from the waste contractor on a monthly basis. These are then analysed and populated within the master file waste register as shown above. If additional information is required, the waste contractor is contacted to provide additional information.