

Management Measure	Objectives	Proposed Actions
Induction and Training	<ul style="list-style-type: none"> To ensure all persons working on the site are aware of: <ul style="list-style-type: none"> their environmental obligations. site environmental issues and control measures. their roles and responsibilities. 	<ol style="list-style-type: none"> Environmental induction for all employees and contractors before starting work. Induction to cover the following issues: <ol style="list-style-type: none"> requirements of the EMP; specific environmental issues on the Site and control measures; roles and responsibilities for environmental management, and environmental incident procedures. Retraining sessions within one month of changes to relevant sections of the EMP. Retraining sessions within one month to persons identified by <i>Complaints Register</i> as not conforming to procedures. All truck drivers entering the site for the first time to be provided with the <i>Site Induction for Drivers</i> form.
Erosion and Sediment Control	<ul style="list-style-type: none"> To minimise and manage erosion and sedimentation on the site and ensure that sediment laden runoff is not discharged from the site. 	<ol style="list-style-type: none"> The Site is graded to direct all surface runoff to site basins prior to reuse or discharge from the Site to meet water quality objectives. The driveway and the entry section of the car park are excluded from capture. Sedimentation basins are located in the north and south of the

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		<p>Site. Both basins are below ground concrete pits.</p> <p>3. A floating pump will be located in each basin for extraction of clean water to on-site tanks for reuse in dust suppression and sand washing.</p> <p>4. Detailed design of the proposed basins is to be undertaken in accordance with Landcom (2004) during the construction certificate stage.</p> <p>5. Incoming site runoff is directed firstly to a sedimentation pit, capturing coarse sediments. Water is pumped from this pit to holding tanks for reuse on-site.</p> <p>6. Flows unable to be pumped to on-site tanks due to holding tank capacity being reached or incoming flows exceeding basin storage volume are directed to an overflow pit from which a pipe flows to Bow Bowing creek.</p> <p>7. Sediment and erosion control measures are to be maintained in good working order, and be repaired or replaced throughout the entire duration of the works.</p> <p>8. Sediment and erosion control measures are to be installed, inspected and approved prior to commencement of excavation works.</p> <p>9. Daily inspection of stockpiles and bunds will be undertaken with issues noted and remedial actions</p>

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		<p>undertaken as soon as feasible where any such issues arise.</p> <p>10. Entrance street sweeping will be undertaken as required during and after excavation and construction until the Site is fully established.</p> <p>11. The contractor will maintain dust control until final completion of works.</p> <p>12. During windy weather, large, disturbed, unprotected areas will be kept moist (not wet) by sprinkling with water to keep dust under control.</p> <p>13. Erosion and sediment control measures are not to be removed until all site disturbance works are completed and the Site is rehabilitated.</p>
Noise Management	<ul style="list-style-type: none"> To ensure that construction and operation noise complies with EPA regulations. To minimise impact of noise to surrounding properties. To ensure employees are not subject to noise levels above those specified in the OH&S legislation. 	<p>1. Standard construction work hours will be as follows:</p> <ul style="list-style-type: none"> Monday to Friday 7.00 am to 6.00 pm. Saturday 8.00 am to 1.00 pm. No work on Sundays or public holiday. <p>2. Ensure mobile plant used is fitted with residential grade silencers.</p> <p>3. Plant based at the site must incorporate "quacker" style</p>

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		reversing alarms.
Air Quality Management	<ul style="list-style-type: none"> To minimise dust generation and air pollution to prevent impact on surrounding development. To ensure employees are not subjected to dust levels above those specified in the OH&S legislation. 	<ol style="list-style-type: none"> Minimise the area of disturbance. Maintain dust suppression and dust extraction devices to all processing equipment and areas. Maintain the sprinkler system including fine sprays on the conveyors of the processing plant and stockpile sprinklers. Use water cart to suppress dust on roads, truck loading areas and non permanent stockpiles during dry conditions on days of operation. 10 km/hr speed limit on internal roads to minimise dust generation. All loaded vehicles entering and leaving the Site to be covered. Regular maintenance of mobile and fixed equipment to minimise exhaust emissions. <p>Although the Site does not accept odour waste, the following odour management measures are to be implemented for the Site:</p> <ul style="list-style-type: none"> Procedures for staff to report the presence of strong odours around the perimeter of the Site. Spotters should ensure that all loads which are deemed

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		<p>to contain odorous waste are rejected from the Site.</p> <p>A dust management plan will be developed. The following dust management measures will be implemented:</p> <ol style="list-style-type: none"> 1. Crusher and sand washing plant are located in a shed. 2. Crusher will have water sprays and a vacuum dust extraction system into a baghouse. 3. Engines of trucks and mobile plant to be switched off when not in use. 4. Maintain and service plant in accordance with manufacturer's specifications. 5. Provide water sprays to suppress visible dust leaving the Site. 6. Limit vehicle speeds to 10km/h. 7. Cover vehicle loads if transporting material off-site. 8. Reduce drop heights during loading and unloading of material. 9. Use water carts to suppress visible dust on unsealed roads (Level 2 watering in excess of 2l/m²/hour or chemical suppressant). 10. Watering of stockpile/exposed areas using a sprinkler

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		<p>dust suppression system.</p> <ol style="list-style-type: none"> 11. Minimise areas of exposed surfaces. 12. Minimise amount of stockpiled materials. 13. Daily visual surveillance for dust emissions or mud tracking off-site. 14. Daily inspection of dust controls to ensure they are working effectively. 15. Daily inspections for visible dust emissions and dust deposits on surfaces. <p>Mitigation options to reduce energy consumption and greenhouse gas emissions include:</p> <ol style="list-style-type: none"> 1. Avoid prolonged idling of equipment: Develop a policy about idling times and monitor unnecessary operation. 2. Throttle down and switch off equipment when not in use. 3. Fill fuel tanks to 95% of capacity to allow for expansion and reduce spillage. 4. Perform regular inspection and maintenance. 5. Log fuel use by vehicle and machinery to help identify fuel leaks and poorly performing vehicles.

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		<ol style="list-style-type: none"> Consider the use of biofuels (Biodiesel or ethanol). Using vehicles with greenhouse gas emissions ratings of a minimum of 7.5 for passenger vehicles and 6 for light commercial vehicles, as described in the Green Vehicle Guide (www.greenvehicleguide.gov.au).
Waste Management	<ul style="list-style-type: none"> To minimise waste generated, maximise reuse and recycling, and ensure wastes are managed effectively to minimise impact on the environment. To encourage the minimisation of waste production and maximisation of resource recovery. To identify procedures for waste management. 	<ol style="list-style-type: none"> Maintain separate receptacles for recyclables to be taken off site for recycling. Non-recyclable waste to be disposed of at registered landfill. No putrescible material to be disposed of on site. Encouragement of employees to adopt waste-reducing practices. Paper recycling trays provided in office areas for scrap paper collection and recycling. Printer toners/ink cartridges collected in allocated bins for appropriate contractor recycling. Development of purchasing policy to include purchase of recycled products. Providing recycling collections within each of the offices (e.g. plastics, cans and glass and also paper and cardboard if not collected separately).

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		<p>9. The office and amenities will have its own waste and recycling storage area where the recycling and garbage bins will be stored prior to collection.</p> <p>10. Green waste will be mulched and re-used in landscaping on-site or taken off-site for landscape works.</p> <p>11. Steel will be recycled off-site.</p> <p>12. Timber will be recycled off-site.</p> <p>13. Waste oil will be recycled or disposed of in an appropriate manner.</p> <p>14. All glass which can be economically recycled will be.</p> <p>15. Container and paper/cardboard recycling will be provided on-site for employee use or these items will be sorted recycling at an appropriately licensed facility.</p> <p>16. All garbage will be disposed of via a Council approved system.</p> <p>17. All contaminated and hazardous wastes (i.e. fluorescent tubing, batteries, e-wastes) will be recycled at an appropriately licensed facility.</p> <p>18. E-waste (electronic waste such as computers, mobile phones, printer toners and ink cartridges) and batteries containing heavy metal contaminants will be recycled at an appropriately licensed recycling facility.</p>

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		<p>19. Liquid, semi-liquids or moist substances will not be placed in waste containers, unless securely wrapped or contained to prevent the substance from leaking.</p> <p>20. Any liquid wastes or dangerous goods wastes should be disposed of by a suitably qualified contractor to an appropriately licensed disposal facility.</p> <p>21. No liquid wastes or wash down waters should be disposed of via the stormwater drainage system.</p>
Asbestos Management	<ul style="list-style-type: none"> To ensure site works are conducted in an appropriate and safe manner. To ensure site workers operating during the site remediation and construction phases comply with relevant work health and safety (WHS) regulations. To ensure persons working within or using the surrounding land remain protected from potential risks originating from the site works. To ensure the manual removal of construction and demolition wastes (C&D waste) and hand picking of bonded asbestos from asbestos impacted fill soils on site is undertaken in a appropriate manner. To ensure workers who are involved with asbestos removal hold the appropriate licences 	<p>All activities must comply with the following WHS requirements in relation to asbestos:</p> <ul style="list-style-type: none"> Work Health and Safety Act 2011 (NSW). Work Health and Safety Regulation 2017 (NSW). SafeWork NSW (2019), Code of Practice: How to Manage and Control Asbestos in the Workplace. SafeWork NSW (2019), Code of Practice: How to Safely Remove Asbestos. WorkCover NSW (2014), Managing asbestos in or on soil. SafeWork Australia (2005) Code of Practice for the Safe Removal of Asbestos (NOHSC:2002) 2005. <p>All activities must comply with the following environmental regulations and legislation in relation to asbestos:</p>

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	<p>and qualifications.</p> <ul style="list-style-type: none"> To ensure that asbestos management is undertaken in accordance with the approved Asbestos Management Plan (AMP). 	<ul style="list-style-type: none"> Protection of the Environment Operations Act 1997 (NSW). Protection of the Environment Operations (Waste) Regulation 2014 (NSW). Contaminated Land Management Act 1997 (NSW). State Environmental Planning Policy No. 55 - Remediation of Land and the Managing Land Contamination - Planning Guidelines. <p>The following actions are to be met when removing asbestos:</p> <ul style="list-style-type: none"> If fibro (or bonded) sheeting: <ul style="list-style-type: none"> a) Do not use power tools. Asbestos fibres can be released if power tools are used for anything other than the removal of screws. b) Wear an Australian Standards Protection Level 2 (P2) minimum half face disposable mask and disposable coveralls. Non-Australian Standard certified masks should not be used where asbestos is present. c) Wet fibro sheets down to reduce dust generation and movement. d) Seal fibro sheets in construction grade plastic. (This should be 200 microns thick).

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		<p>e) Contact Campbelltown City Council for a licensed disposal point in your area.</p> <p>f) If the area of bonded asbestos sheeting (fibro) is over 10 square metres, removal must be undertaken by a licenced asbestos removal contractor. If under this amount, then a license is not required.</p> <ul style="list-style-type: none"> Should the asbestos be in powder form or can be crumbled, pulverised or reduced to powder by hand pressure when dry, then an asbestos removal contractor with an AS1 licence is required for its removal. <p>The following documents must be kept on site:</p> <ul style="list-style-type: none"> Copies of all Waste Classification Assessment reports and details of disposal. Safety training records and site inductions completed. Asbestos clearance certificates for remediated areas of the Site. <p>The procedures detailed by the AMP will be subject to review as required, to ensure the plan reflects any changes in site activities, conditions of consents (to be issued) and meets the relevant legislation and/or codes of practice. The review will assess the effectiveness of the AMP to:</p> <ul style="list-style-type: none"> Identify asbestos hazards.

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		<ul style="list-style-type: none"> Raising awareness among workers and guiding contractors to complete the required works in accordance with relevant legislation. Ensure the handling and management of asbestos impacted soils does not pose an unacceptable risk to site workers or users of the surrounding land. Present accurate information regarding the extent of asbestos impacts and the remediation required at the site. <p>An exclusion zone separating the northern portion of the Site from the southern portion is to be implemented. In addition:</p> <ul style="list-style-type: none"> Personnel undertaking asbestos removal works are to be inducted and have licences specific to their activities conducted on site. Entry to the Asbestos Soil Exclusion Zone will be restricted to workers who have completed a site induction and hold the required licences. All personnel should also sign onto relevant safe work method statements (SWMS) which have been approved by the Site Manager. A toolbox talk incorporating aspects of occupational health and hygiene is to be undertaken prior to any asbestos soil works being undertaken on the Site.

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		<ul style="list-style-type: none"> All workers are to be made aware of the identified hazards on the Site and the management procedures for anticipated or unexpected soil contamination hotspots. Additional training related to the correct use and maintenance of respirators for those workers in the asbestos soil removal exclusion zone will also be demonstrated. Records will be maintained for personnel who have completed site induction training. <p>Where required, updates on training and awareness will be provided at pre-starts and/or toolbox talks.</p> <p>The following responsibilities are provided:</p> <p><u>HazMat Consultant</u></p> <ul style="list-style-type: none"> Prepare AMP. Provide on-site guidance to Site Manager on proper implementation of measures and procedures described in the AMP. Remain on site to ensure the materials are disposed of in the location specified, as communicated by the Site Manager and/or the Project Manager. Provide inspections of encapsulated contaminated areas.

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		<p><u>Site Manager</u></p> <ul style="list-style-type: none"> • Undertake a toolbox talk on asbestos removal for all workers on the Site. • Oversee the appropriate implementation of the asbestos soil control measures and procedures described in the AMP. • Notify the HazMat Consultant when unexpected finds are found during the fill/excavation process. • Monitor site works and take appropriate action to ensure that all workers in the Asbestos Soil Removal Exclusion Zone comply with the requirements of the AMP. • Oversee the excavation works of all soils impacted with asbestos. • Review current control measures and improve, where applicable (i.e. should site conditions change). This may include improved work practices, use of further control measures, or changing the work methodology and will be discussed during the Safety Induction. <p><u>Project Manager</u></p> <ul style="list-style-type: none"> • Ensure there are adequate resources for the safe management of asbestos-impacted soils on the Site. • Ensure that asbestos materials are disposed of in the

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		<p>locations specified as communicated by the Site Manager and/or the Project Manager.</p> <ul style="list-style-type: none"> Ensure that a Registered Surveyor undertakes a survey of the location of the asbestos cell including the boundary with top and bottom surface coordinates. <p><u>Site Workers</u></p> <ul style="list-style-type: none"> All personnel working within the Asbestos Soil Removal Exclusion Zone must comply with the requirements of this AMP and follow the directions of the Site Manager. All other site workers (not working within the Exclusion Zone) should work indoors and/or remain clear of the soil excavation works.
Stormwater Management	<ul style="list-style-type: none"> Develop a stormwater management system to prevent potential off-site water quality and quantity impacts. Develop a stormwater reuse system. Demonstrate compliance with relevant Water Sharing Plans (WSP). Provide an impact assessment of the proposed development on the adjacent Bow Bowing Creek environment. Provide an assessment of predicted wastewater 	<ol style="list-style-type: none"> Install and maintain water management structures as per EIS Appendix 16 of Response to Submissions to contain and treat all rainfall and runoff. Erosion and sediment control works to be implemented in accordance with EMP 2. Minimise the area of disturbance. Maintain sediment basins and water storage devices on site to store stormwater collected on the site for re-use in dust mitigation. Rainwater from the office and lunchroom building and

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	<p>loads.</p> <ul style="list-style-type: none"> Assess groundwater impacts. To ensure discharge of stormwater from the Site is clear of sediment, downstream ecosystems are protected, and on-site re-use of water is maximised. 	<p>workshop building roof is to be collected and stored in rainwater tanks and used for toilet flushing.</p> <p>6. Stormwater from other roofs and hardstand areas is to be collected and stored for dust suppression via sprinklers and water cart and sand washing.</p> <p>7. Town water will be used for potable uses and to supplement other supplies as required.</p> <p>8. A thickener to treat stormwater.</p> <p>9. Incoming site runoff is directed firstly to a sedimentation pit, capturing coarse sediments. Water is pumped from this pit to holding tanks for reuse on-site.</p> <p>10. The two sediment basins will be have their water pumps controlled by an automated system using level sensors in the basins, which will pump the water to the tank farms. Each basin will have two (2) pumps installed in the case of a failure of one of the pumps and telemetry for alarm when the Site is unattended.</p> <p>11. Treated flow from the thickener will be discharged to a stormwater storage tank. Water stored in the tank will be used for dust suppression and sand washing. Overflows from the tank will be directed back to the southern sump pit and treated by a proposed oil and grease arrestor (ie. Humceptor or similar).</p> <p>12. Runoff from the driveway and the entry section of the car</p>

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		park will be captured by the proposed pit and pipe network and pumped to the nearest sum pit.
Traffic Management	<ul style="list-style-type: none"> To minimise the impact of trucks on the local road network and local residents. To comply with approved access and vehicle movements. 	<ol style="list-style-type: none"> All new truck drivers to be provided with <i>Site Induction for Drivers</i> form at the site entrance. Drivers to be provided with Site Traffic Management Policy. All loads must be fully covered prior to leaving the Site. 10 kph speed limit on internal road. All vehicles are to enter and leave the Site in a forward direction.
Hazard Reduction	<ul style="list-style-type: none"> To ensure any potential hazards are mitigated. 	<ol style="list-style-type: none"> Spill kits in the workshop, processing buildings and adjacent to the diesel fuel tank will be installed. Staff will be trained in spill cleanup procedures and use of the spill kits. A dry powder fire extinguisher will be installed in the workshop and adjacent to the diesel fuel tank. Staff will be trained in the use of first attack fire fighting. A procedure for the refuelling of mobile plant will be developed and implemented. All fuel and lubricant to be stored within an approved

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		concrete floored and bunded fuel storage inside the workshop designed in accordance with applicable best practice or regulatory requirements.
Remedial Action Plan	<ul style="list-style-type: none"> To ensure any site contamination is remediated. To guide remediation of the Site, by providing detailed procedures which comply with relevant guidelines, yet prevent adverse effects on human and environmental receptors. 	<ol style="list-style-type: none"> Meeting the conditions of the planning consent and to render the Site suitable for the proposed land use. Demonstrating that the proposed remediation strategy for the Site is environmentally justifiable practical and technically feasible. Adopting clean-up criteria appropriate for the future use of the Site to mitigate possible impacts to human health and the environment. Consideration of the principles of ecologically sustainable development in line with Section 9 of the <i>Contaminated Land Management Act 1997</i>. Minimising waste, as per the <i>Waste Avoidance and Resource Recovery Act 2001</i>. Remediate all contamination at the Site so there are no unacceptable risks to on-site and off-site receptors. Demonstrating that the plans for site management of remediation work consider work health and safety, environmental management, and site contingencies.
Aboriginal Heritage	<ul style="list-style-type: none"> To include provisions for managing Aboriginal cultural heritage values. 	<ol style="list-style-type: none"> All site workers and contractors will be inducted to the area and informed of their obligations under the National

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		<p>Parks and Wildlife Act 1974. Heritage NSW has noted that "Any Aboriginal cultural heritage awareness inductions would benefit from the involvement of Aboriginal community representatives".</p> <p>2. In the unlikely event that any Aboriginal Objects are found, all activities with the potential to impact the objects must stop. A temporary fence is to be erected around the Aboriginal cultural heritage site, with a buffer zone of at least 10 metres around the known edge. An appropriately qualified archaeologist is to be engaged to assess the findings, and notification is provided to the Heritage NSW. Works should not proceed without advice from Heritage NSW or an appropriately qualified archaeologist.</p> <p>3. In the unlikely event that suspected human remains are encountered during construction, all work in the area that may cause further impact, must cease immediately and:</p> <ul style="list-style-type: none"> - The location, including a 20 m curtilage, should be secured using barrier fencing to avoid further harm. - The NSW Police must be contacted immediately. - No further action is to be undertaken until the NSW Police provide written notification to Concrete Recyclers.

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		<ol style="list-style-type: none"> 4. If the skeletal remains are identified as Aboriginal, Concrete Recyclers or their agent must contact: Heritage NSW in the Dept of Premier and Cabinet and Enviroline on 131 555; and representatives of the Registered Aboriginal Parties (RAPs). 5. No works are to continue until the Heritage NSW provides written notification to the proponent or their Agent.
Complaints Management	<ul style="list-style-type: none"> • To ensure any site problems brought to the attention of Camolaw Pty Ltd by the local community and/or relevant authorities are documented and acted upon to avoid re-occurrence. 	<ol style="list-style-type: none"> 1. Complaints telephone number signposted at front gate. Telephone number, along with postal and email address for complaints advertised on website. 2. All complaints/concerns raised by local community/relevant authorities to be recorded on <i>Complaints Register</i> by Environmental Officer. <i>Complaints register</i> to be retained on site. 3. All complaints to be brought to the attention of the Environmental Officer immediately. 4. Environmental Officer to identify and initiate appropriate action in response to complaint and follow-up contact with complainant. 5. Any complaints received to be reviewed to ascertain if site management requires amendment.