



Environmental Management Plan – Outer Metro Regions



Acknowledgement of Country

CDC NSW acknowledges the Traditional Custodians throughout Australia, and their continuing connection to land, waters and community. We pay our respects to all First Nations people, their culture and to Elders past and present.

Artwork: Luke Penrith, *Connecting to Country and People*, 2022



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Introduction

CDC NSW has developed this Environmental Management Plan (Plan) for our Outer Metropolitan Bus Service Contracts to provide a robust platform for our delivery of practical and achievable environmental outcomes with the ability for continuous improvement across relevant environmental sustainability aspects of Outer Metro Regions 2, 4, 8 and 11.

We understand that our operations impact the natural environment, and this Environmental Management Plan outlines the strategies, commitments, and actions that we establish to minimise those impacts.

CDC considers this Plan a living document and will continue to develop, implement, maintain and comply with it from the Planned Service Commencement Date and for the duration of the Service Term. We will maintain the environmental initiatives across our businesses which support sustainability both within our operations and visibly to our customers and the broader community, including:

- Publishing Sustainability Transport Charter on our website and making it available to passengers, upon request, free of charge
- Adhering to our enterprise-wide Environment Policy endorsed and promoted by our Senior Leadership Team
- Maintaining ISO14001 certification for the NSW bus services
- Promoting reduced natural resource use at each depot including water recycling, water tanks, solar energy supplementation, waste recycling
- Using AdBlue technology to reduce harmful gases being released into the atmosphere from diesel emissions to improve local environmental conditions and reduce greenhouse gases.

Our approach is framed to be consistent and compliant with:

- The United Nations Sustainable Development Goals (SDGs)
- CDC's ISO14001 accreditation and compliance program
- Our corporate commitments, objectives and practices

to demonstrate environmental responsibility, innovation and 'visible' improvement to meet the community's environmental expectations to ultimately support improved patronage.

Legislative requirements

- *National Environmental Protection Council (New South Wales) 1995*
- *Waste avoidance and Resource Recovery Act 2001*
- *Environmental Law, including but not limited to the Protection of the Environment Operations Act 1997 (NSW)*
- *Contaminated Land Management Act 1997 (NSW).*
- *Work Health and Safety Act 2011.*

Alignment to related documents

- TfNSW Future Transport Strategy 2056
- United Nations Sustainable Development Goals (UNSDGs) and the three pillars of sustainable development; Economic, Social and Environmental.
- ISO 26000 Guidance on Social Responsibility
- ISO 20400 Sustainable Procurement
- ISO14001 Environmental Management

Monitoring and reporting

Environmental monitoring program

CDC NSW will establish an effective and compliant environmental monitoring program for our OMBSCs in accordance with the following table.

Monitoring element	Description
Trade wastewater – including wastewater from bus washing	<ul style="list-style-type: none"> • CDC retains an independent and suitably qualified third party to complete annual sampling at a minimum. However, this may be completed more frequently as specified in the trade waste agreement and required by local water authorities. • The results of this sampling are provided to the local water authority or relevant local government council for Regions 2, 4, 8 and 11.
Groundwater quality	<ul style="list-style-type: none"> • Conduct 6 monthly sampling and analysis of monitoring wells to confirm no residual contamination from fuel tanks or associated systems.
Waste management	<ul style="list-style-type: none"> • Record waste masses by category and report to management with the goal of making annual incremental reductions
GHGs emission from operation	<ul style="list-style-type: none"> • Record GHGs emitted from bus operation and explore opportunities to reduce these emissions • All CDC business units have KPIs that are agreed with our global head office to reduce annual emissions.

Environmental improvement

CDC will look for opportunities for environmental improvement leveraging principles of ISO14001 as detailed in Table 1.

Table 1: ISO14001 principles and improvement opportunities

Action description	Supporting activities description
Develop an enterprise-wide Environmental Management System in accordance with the requirements of ISO14001:2015	<p>Identify environmental aspects associated with CDC’s activities and develop control measures to reduce impact</p> <p>Develop a suite of procedures in consultation with relevant staff to address activities and tasks that have an impact on the environment</p>
Develop team environmental awareness training	<p>Identify environmental training opportunities for team members</p> <p>Implement an environmental awareness program for new team members as part of induction process</p>

Action description	Supporting activities description
Engage external accredited auditor to audit the EMS	Engage external auditor to audit the EMS Systems achieve recertification with ISO 14001:2015
Conduct internal environmental surveillance audits	In between the external ISO 14001 certification Audits, conduct regular internal audits of EMS against the ISO 14001:2015 to support compliance.

Audits

As part of our commitment to improving our environmental performance, CDC engages an independent ISO14001 and Clean Fleet audit every year. In keeping with the requirements of ISO 14001 certification, the GM HSEQ will undertake an annual review of the effectiveness of the EMS, our policies, plans and procedures and ensure they continue to meet all legislative and contractual requirements.

The outcomes of these audits are provided to the Senior Operational Managers for each of the OMBSCs and the GM HSEQ. Any non-conformances are reported to our CEO and the Board of Directors. CDC will provide an overview regarding audit findings and corrective actions in reporting to TfNSW via the Quarterly Environmental Report.

The GM HSEQ will also facilitate an annual management review with CDC's Senior Operational Managers, or more frequently in response to any emerging issues or directions from external parties, including TfNSW.

Table 2 details the review elements of the annual audit.

Table 2: Audit review elements

Audit element	Expected outcome
Risk management	Demonstrates systematic approach to minimising environmental impacts and ensuring the Depot Leadership Team is taking reasonable steps to safeguard CDC people and protect the local environment and wildlife
Training and competency	Establishes a systematic approach for the life cycle of a worker within the business, from their induction to periodic training/mentoring evaluation and post-incident training, in the event of an environmental incident
Environmental incidents (and pollution incidents and public complaints) management, investigation, non-conformance management and corrective actions	Ensures that environmental incidents are being reviewed, corrective actions implemented, and results shared with the workforce to promote learning and reduce recurrence. Customer complaints are being managed by the Depot Team, with any unresolved matters escalated to the CDC Leadership Team to provide an opportunity to continually improve.
Equipment calibration	Validates process for CDC monitoring system Ensures there is no fuel loss and accurately measures the natural resource used
Emergency response planning and preparation	CDC has the right people, processes and practices in place to respond in the event of an emergency within the depot.
Environmental procedure (fuel storage and handling, waste management, air pollution reduction, control	Opportunity for staff to increase awareness of the requirements. The audit includes a walk around to observe the environmental practices and check understanding of the environmental protection measures

Audit element	Expected outcome
of contamination, noise management, protection of wildlife, eco driving)	in place.

Delivery

This Plan incorporates the broad range of environmental issues across which we can deliver positive outcomes. These include reducing carbon emissions as well as other environmental risks such as noise, the source of the electricity we consume, stormwater management, ground contamination, water usage, and gas supply.

CDC will maintain formal accreditations

CDC locally endorses our parent group’s commitment to sustainability through our extensively developed environment and sustainability strategy, which:

- Is consistent with our ISO 14001 accreditation
- Specifically incorporates the United Nations Sustainable Development Goals (UNSDGs).

CDC we will continue to implement and maintain our long-standing certification compliance with ISO14001 and RMS Clean Fleet accreditations as detailed in Table 3.

Table 3: CDC maintains the following accreditations to support our environmental performance

Accreditations
ISO AS/ NZS 9001:2016 - Quality Management System
ISO AS/ NZS 14001:2014 - Environmental Management System
ISO AS/ NZS 45001:2018 - Safety Management System
ISO AS/ NZS 55001 - Asset Management System
Bus Operator Accreditation Scheme (BOAS)
Clean Fleet

Environmental Management Policy

Our Environment Management Policy reflects our global corporate commitment to driving continuous improvement in our environmental management outcomes.

Vision

CDC, as a major public transport provider, makes a considerable contribution to improving the environment through the efficient use of resources in the provision of large-scale public transportation. We believe that business improvement, undertaken responsibly and efficiently, will help create a sustainable future for both the business and the environment. We recognise, however, that our business operations consume resources and have a significant impact on the environment. We are committed to improving our environmental performance and minimising our overall environmental impacts as far as is reasonably practicable.

Policy statement

To achieve our vision, CDC will:

- Work proactively and determinedly to prevent pollution incidents, reduce our environmental emissions and optimise the energy efficiency of all our transport modes
- Continually improve our service and thereby encourage the use of public transport
- Consider the environment in all strategic business decisions at all levels across the Group
- Comply with all environmental legislation and regulations and, so far as is reasonably practicable, exceed the relevant environmental standards
- Work in partnership with our stakeholders and other organisations to implement a more sustainable transport policy and help create an integrated public transport system
- Select and measure Key Environmental Performance Indicators (KEPIs) and strive to improve our performance against the set indicators, year on year. We will do this by setting ourselves annually reviewed objectives and targets for improvement against the KPIs
- Identify, set, achieve and annually review our environmental Objectives and Targets
- Assess potential contractors and suppliers for environmental standards compliance and encourage successful contracting organisations to adopt environmental performance standards that accord with this policy
- Provide regular reports on our environmental performance to our stakeholders
- Provide the necessary training, support and resources to ensure our staff are empowered to implement this policy
- Make this policy freely available to all interested parties.

Corporate environmental strategies

CDC will implement a range of measures and programs within our business to achieve our environmental goals on our OMBSCs.

Zero Emissions Strategy

To reduce community exposure to nitrous oxide, carbon dioxide, diesel particulates and noise, CDC is trialling EV Buses with a view to implementing on road EV services in 2022.

CDC will replace diesel buses in line with TfNSW fleet replacement directive for Regions 2, 4, 8 and 11, including introducing Zero Emissions Buses (ZEBs).

Our work in enabling an energy-efficient transport system will support a cleaner, more sustainable approach to our environment. Our actions are yielding and will continue to yield significant improvements to urban amenity, including reducing community exposure to:

- Oxides of nitrogen
- Carbon dioxide

- Diesel particulates
- Noise.

Addressing legacy environmental challenges

A range of historical legacy issues on our OMBSCs will require us to proactively manage a number of environmental hazards, including asbestos and ground contamination.

We will undertake site remediation to facilitate works within several depot assets in Regions 2, 4, 8 and 11 ensuring safeguards and plans are in place to manage:

- Asbestos removal in a safe, compliant, and environmentally acceptable manner
- Decommissioning and removal of underground diesel and fuel storage tanks
- Decommissioning of septic tanks remaining at sites in Region 2, 4 and 11 and establishing sewer connection with trade waste agreement

and ensure the depots will pose no unacceptable risk to human health or the environment via comprehensive site validation.

CDC has also evaluated the environmental risks and opportunities across each of our OMBSC facilities and has identified several holistic, and site-specific opportunities for improvement. These are detailed in Appendix 1 – Environmental Action Plan for Regions 2, 4, 8 and 11. In keeping with our commitment to manage any legacy issues, CDC will finalise any actions identified in the Action Plan based on agreed timeframes and will build this into our quarterly performance reviews.

Reduce, reuse and recycle

CDC will manage waste responsibly to minimise our impact on human and environmental health. We will continue to implement the following programs on our OMBSCs to reduce the level of materials committed to waste, facilitate product reuse and actively promote recycling.

Oil recycling

CDC will continue working with Southern Oils to re-refine our waste oil for repurposing in other industries. Southern Oil will remove oil from oil filters and oil rags before disposal. All CDC waste oil will then undergo a re-refining process to make it suitable for bitumen components (asphalt extenders, high flash cutters and aromatic oils) in the road building industry. With approximately 25,782 litres of oil a year used in the delivery of our OMBSC services, the recycling process will result in a significantly smaller carbon footprint.

Water reuse program

CDC will reduce water consumption to ensure operational efficiency and mitigate water security risks through continuing to use Bromide – a water additive that doubles the useful life of the water we use for bus washing.

Dry waste recycling program

This Program will ensure streamlined waste disposal and recycling at all depots and offices in our OMBSCs. We will continue to provide recycling bins in offices to facilitate the recycling of paper, cardboard, aluminium, steel and glass in a single bin.

Tyre recycling program

This program will ensure effective asset management from acquisition to retirement.

CDC will continue our strong partnership with Beaurepaires to ensure that the life cycle of our tyres is managed efficiently, safely, and effectively. Together, we will reduce the volume of

end-of-life tyres currently being disposed of in a manner that is damaging to the environment. Our end-of-life tyres will be recycled into a range of products used across rail, road, civil engineering, and other segments. These include:

- New rubber products such as:
 - Soft fall surfaces
 - Artificial turf
 - Conveyor belts
- Road construction and surfacing
- Brake pads and other products.

Oil, tyre and dry waste recycling program review

As described in Appendix 1, CDC will review existing arrangements for oil, tyre and dry waste recycling at all sites in the region identifying any room for improvement and bring these sites in line with overall environmental plan requirements.

CDC will aim to have complete alignment within 18 months of new contract period commencement and have agreements in place with accredited contractors for these sites.

Management of environmental aspects

Our Environment Team have conducted an Environmental Audit specific to Regions 2, 4, 8 and 11 and developed an Environmental Action Plan that aligns with those of TfNSW. The following section provides the overarching objectives for individual environmental aspects and activities that will guide the development of the Action Plan.

Waste objectives

- Leverage a waste hierarchy in order of preference: avoid, reduce, reuse, recycle, dispose
- Reduce the generation of waste to landfill from CDC’s bus services activities
- Reduce the environmental impact of overall materials demand
- Increase materials recovery
- Reduce greenhouse gases
- Reduce waste costs
- Compliance with relevant environmental legislation

Table 4: Waste reduction actions

Action	Supporting activities
Monitor the amount of waste sent to landfill from CDC bus depots and offices	<ul style="list-style-type: none"> • Collate amount of waste sent to landfill (by metred bin) from waste collection contractors • Conduct a waste audit to determine waste reduction strategies and cost saving opportunities
Use of recycling facilities at CDC bus depots	<ul style="list-style-type: none"> • Maximise waste segregation, including use of recycle bins • Educate staff through toolbox meetings and promotional visual material in lunchrooms and notice boards for the importance of using the different bin types to reduce the land fill waste stream

Action	Supporting activities
Encourage the purchase of goods with minimal packaging	<ul style="list-style-type: none"> • Implement purchasing policy to include preference to environmentally sustainable products

Stormwater, soil and groundwater pollution objectives

CDC will prevent the pollution of stormwater, soil, groundwater from CDC bus services activities and ensure we comply with relevant environmental legislation.

Table 5: Water and soil pollution mitigation activities

Action	Supporting activities
Wash all buses in designated wash bay area	<ul style="list-style-type: none"> • Wastewater from washing process treated via oil/water separator and recycled • Wastewater and/or oil are: <ul style="list-style-type: none"> • Never discharged into sewer without a trade waste agreement • Separated and stored in separate holding units to be removed by licensed liquid waste transporter.
Store all oils, fuels, paints, solvents, batteries and chemicals in bunded areas	<ul style="list-style-type: none"> • Comply with the Australian Standard AS1940:2004: The Storage and Handling of Flammable and Combustible Liquids • Paints and solvents are stored in secured containers in bunded area • Paints and chemical waste are maintained by licensed waste transporters • All hazardous, liquid waste (coolant, oils, water and fuels), waste batteries and waste tyres are collected by licensed waste transporters for appropriate disposal • Parts washer equipment is maintained by licensed waste transporters • Discharge liquid wastewater to sewer is in accordance local water authority requirements
Contain and clean up all liquid spills	<ul style="list-style-type: none"> • Ensure spill response materials (kits) are: <ul style="list-style-type: none"> • Located in all workshop areas, fuel bays and on-road support services vehicles • Inspected regularly • Kept stocked • Workshop staff are educated through toolbox meetings on emergency procedures for major spills internally within the depots and externally during on-road breakdowns.
Monitor waste liquid storage tanks	<ul style="list-style-type: none"> • Monitor waste oil, coolant and water tanks/drums for quantity levels.
Trade waste monitoring and separator maintenance for discharging of wastewater into sewer	<ul style="list-style-type: none"> • Regular water testing and investigation of any changes in levels, ensuring any elevated levels above accepted are addressed with investigation and corrective actions completed as soon as possible • Manage oil water separator maintenance to ensure correct operation for treatment of wastewater into sewer at all times under trade waste agreement.

Water usage objectives

Where possible, CDC will reduce water consumption across our OMBSCs.

Table 6: Water reduction activities

Action	Supporting activities
Monitor water consumption	Maintain water consumption data from water rates to note any increase of water use
Purchase water efficient devices	Implement purchasing policy to include preference to environmentally sustainable products
Recycle water	Where practicable, implement recycle water unit for bus washing facilities
Reduce reticulated water use	Use water tanks to collect roof runoff

Energy use and emission objectives

CDC will reduce the consumption of energy and the emission of GHGs associated with our OMBSCs.

Table 7: Energy reduction activities

Action	Supporting activities
Monitor fuel consumption of all vehicles	<ul style="list-style-type: none"> Maintain a database for recording fuel use of vehicles to ensure efficient consumption
Monitor and report energy consumption	<ul style="list-style-type: none"> Collate and input energy consumption data into Australian Government’s Emission and Energy Reporting System (EERS) under the National Greenhouse and Energy Reporting (NGER) Act 2007
Implement energy efficiency opportunities to reduce energy consumption	<ul style="list-style-type: none"> Implement purchasing policy to include preference to environmentally sustainable products (energy efficient)
Maintain vehicle servicing	<ul style="list-style-type: none"> Regularly service vehicles as per the Manufacturers service manual Undertake energy management to: <ul style="list-style-type: none"> Reduce fuel use Regularly monitor processes Ensure use of high-quality fuel and lubricants Operate buses to test cycle emission standards Install ultra-fine fuel and oil filters, enhanced braking (regenerative) and propulsion systems, and computerised fuel and engine management systems
Operate energy efficient fleet	<ul style="list-style-type: none"> Where practicable, trial new energy efficient fleet such as hybrid or other lower emissions vehicles
Use low sulfur fuels to reduce air pollution	<ul style="list-style-type: none"> Identify the most environmentally sustainable fuels available on the market and consider net benefit of social, environmental and commercial factors in decision making
Incorporate best practice energy efficiency standards	<ul style="list-style-type: none"> When renovating CDC buildings or purchasing new buildings, incorporate energy best practices

Action	Supporting activities
into new or renovated CDC buildings	
Investigate options for renewable energy	<ul style="list-style-type: none"> Explore use of CDC building roof space for solar

Supplier and contractor environmental management objectives

We will ensure there is alignment to CDC environmental policy and plan objectives when engaging suppliers and contractors to operate the OMBSCs through supplier and contractor accreditation and re-accreditation procedures.

Table 9: Supplier and contractor environmental management activities

Action	Supporting activities
Review supplier and contractor accreditation process	<ul style="list-style-type: none"> Review supplier and contractor accreditation procedures and forms to include consideration for CDC environmental policy and plan alignment Communication of changes to Asset Management, Finance Manager, Senior Operational Managers and Depot Manager as required
Review annual re-accreditation of suppliers and contractors	<ul style="list-style-type: none"> Complete annual re-accreditation review of suppliers and contractors to ensure ongoing alignment with CDC environmental policy and plan requirements.

Conducting health checks to identify exposure

CDC’s Health Check Program (Program) for staff working in our depots will ensure early and accurate identification of long-term undiscovered exposures that may have health implications for staff.

This includes biennial audiometric and spirometry testing of staff in our highest risk areas. These tests are conducted on employment and then biennially to capture any changes that have been caused due to noise or air pollution exposure in the working environment.

Reducing depot environmental impacts

In addition to our water and oil recycling, we will:

- Replace all traditional lighting with energy-efficient LED lighting having an energy efficiency greater than 130 lumens/watt, by the end of 2022
- Developed a phased plan to install solar renewable energy panels during the term of the contract
- Establish a rainwater capture and harvesting system by 2024.

Region-specific risk control measures

CDC will implement an Environmental Action Plan for Regions 2, 4, 8 and 11, including structures and activities taking place, to ensure all environmental risks are understood and managed. We will conduct an environmental audit, review all depot locations and activities, and develop specific actions detailed below.

Environmental Action Plans for Regions 2, 4, 8 and 11

CDC will implement an Environmental Action Plan for Regions 2, 4, 8 and 11, including structures and activities taking place, to ensure all environmental risks are understood and managed. We have reviewed all depot locations and activities, and developed specific actions detailed in Tables 1-4 below.

Outer Metro Region 2 Environmental Action Plan

Issue	Control	Ongoing Monitoring & Measurement
<p>Gaps in concrete parking area joints may provide opportunities for contaminants to enter the ground or watercourse</p>	<p>CDC will systematically reseal all cracks within 6 months of the new contract period commencement.</p>	<p>Monitoring Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report Monthly Depot Safety and Environmental Inspections</p> <p>Measurement Quarterly Environmental Management Plan Report</p>
<p>Optimisation of existing bus washing processes to further reduce environmental impacts</p>	<p>CDC will conduct a review of existing water recycling and bus washing processes and confirm opportunities for improvement to include rainwater harvesting, oil water separators in place and no water contamination opportunities exist.</p> <p>This will include a review to ensure that environmentally friendly bus washing chemicals are being used, appropriate bunding is in place, oil water separator systems are installed with ongoing maintenance plans and water wastage is minimised.</p> <p>A plan for rectification and upgrading at required sites will be developed and implemented over 18 months of new contract period commencement.</p>	<p>Monitoring Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report Monthly Depot Safety and Environmental Inspections</p> <p>Measurement Quarterly Environmental Management Plan Report</p>
<p>Review of onsite sewage systems to ensure effective management</p>	<p>CDC will complete a systematic review of remaining onsite sewage systems including septic tanks and assess risk with local government water authority of installed systems in this region and ensure local council inspection program is implemented based on risk level for systematic maintenance.</p> <p>CDC will also assess and where possible plan for decommissioning of existing septic tanks and connection to town sewage system and implement trade waste agreement with regular testing and results monitored within 18 months of new contract commencement.</p>	<p>Monitoring Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report Monthly Depot Safety and Environmental Inspections</p> <p>Measurement Quarterly Environmental Management Plan Report</p>

Issue	Control	Ongoing Monitoring & Measurement
Oil, tyre and dry waste recycling program review	<p>CDC will review existing arrangements for oil, tyre and dry waste recycling at all sites in the region identifying any room for improvement and bring these sites in line with overall environmental plan requirements.</p> <p>CDC will aim to have complete alignment within 18 months of new contract period commencement and have agreements in place with accredited contractors for these sites.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>

Outer Metro Region 4 Environmental Action Plan

Issue	Control	Ongoing Monitoring & Measurement
Asbestos containing internal insulation material within safe in the Operations building at Edgeworth and the Amenities block at Morisset may exist	<p>CDC will investigate to determine whether asbestos exists. If required, an Asbestos Management Plan will be developed in accordance with Safe Work Australia How to Manage and Control Asbestos in the Workplace Code of Practice 2019.</p> <p>CDC will systematically remove asbestos over the first 12 months of the new contract period commencement.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>
Asbestos containing bituminous backing board identified in switchboards in the North West Workshop and North East Workshop exists at Edgeworth as well as the Main Office and Warehouse at Morisset	<p>CDC has determined that asbestos exists and has a current Asbestos Management Plan developed in accordance with Safe Work Australia How to Manage and Control Asbestos in the Workplace Code of Practice 2019.</p> <p>CDC will systematically remove asbestos over the first 12 months of the new contract period commencement.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>
Construction joint mastic material between ground and joint brickwork in the North East Workshop pit area and the blockwork in the Staff Building contains asbestos material at Edgeworth	<p>CDC has determined that asbestos exists and has a current Asbestos Management Plan developed in accordance with Safe Work Australia How to Manage and Control Asbestos in the Workplace Code of Practice 2019.</p> <p>CDC will systematically remove asbestos over the first 12 months of the new contract period commencement.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>

Issue	Control	Ongoing Monitoring & Measurement
<p>Compressed asbestos cement ceiling sheeting in depot buildings walls, ceilings, in-full panels, awnings and eaves including in Ambulance Offices, North West Workshop and Staff Building at Edgeworth and the Main Office and Amenities Block at Morisset exists</p>	<p>CDC has determined that asbestos exists and has a current Asbestos Management Plan developed in accordance with Safe Work Australia How to Manage and Control Asbestos in the Workplace Code of Practice 2019.</p> <p>CDC will systematically remove asbestos over the first 12 months of the new contract period commencement.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>
<p>Asbestos containing moulded fibre cement may be present in the Amenities Block guttering and the Telstra pit behind the fuel bay at the Morisset site</p>	<p>CDC will investigate to determine whether asbestos exists. If required, an Asbestos Management Plan will be developed in accordance with Safe Work Australia How to Manage and Control Asbestos in the Workplace Code of Practice 2019.</p> <p>CDC will systematically remove asbestos over the first 12 months of the new contract period commencement.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>
<p>Gaps in concrete parking area joints may provide opportunities for contaminants to enter the ground or watercourse</p>	<p>CDC will systematically reseal all cracks within three months of the new contract period commencement.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>
<p>With residential homes existing close to the depot, excess noise will cause disturbance to neighbours</p>	<p>CDC will implement a protocol to limit vehicle idling and reversing out of business hours within 3 months of new contract period commencement.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>
<p>Potential contamination migration from underground fuel tank area</p>	<p>CDC currently carrying out a benchmark environmental review to establish the presence of any ground contamination within 6 months of new contract commencement.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p>

Issue	Control	Ongoing Monitoring & Measurement
	<p>If contamination is present, CDC will engage with TfNSW to develop a site-specific management plan.</p> <p>CDC will also conduct core sampling and line integrity testing every quarter to ensure against any potential new contamination.</p>	<p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>
<p>Optimisation of existing bus washing processes to further reduce environmental impacts</p>	<p>CDC will conduct a review of existing water recycling and bus washing processes and confirm opportunities for improvement to include rainwater harvesting, oil water separators in place and no water contamination opportunities exist.</p> <p>This will include a review to ensure that environmentally friendly bus washing chemicals are being used, appropriate bunding is in place, oil water separator systems are installed with ongoing maintenance plans and water wastage is minimised.</p> <p>A plan for rectification and upgrading at required sites will be developed and implemented over 18 months of new contract period commencement.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>
<p>Review of onsite sewage systems to ensure effective management</p>	<p>CDC will complete a systematic review of remaining onsite sewage systems including septic tanks and assess risk with local government water authority of installed systems in this region and ensure local council inspection program is implemented based on risk level for systematic maintenance.</p> <p>CDC will also assess and where possible plan for decommissioning of existing septic tanks and connection to town sewage system and implement trade waste agreement with regular testing and results monitored this will be completed within 18 months of new contract period commencement.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>
<p>Storage, use and disposal of paints and solvents at Edgeworth Panel Shop</p>	<p>CDC will complete a systematic review of all existing activities and procedures at Edgeworth Panel Shop to ensure any potential gaps or improvements in environmental management are identified and closed within 3 months of new contract period commencement.</p> <p>This will include a review of storage and handling procedures, bunding, containers, maintenance and disposal of all paints, solvents and chemicals.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>

Issue	Control	Ongoing Monitoring & Measurement
Oil, tyre and dry waste recycling program review	<p>CDC will review existing arrangements for oil, tyre and dry waste recycling at all sites in the region identifying any room for improvement and bring these sites in line with overall environmental plan requirements.</p> <p>CDC will aim to have complete alignment within 18 months of new contract period commencement and have agreements in place with accredited contractors for these sites.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>

Outer Metro Region 8 Environmental Action Plan

Issue	Control	Ongoing Monitoring & Measurement
Gaps in concrete parking area joints may provide opportunities for contaminants to enter the ground or watercourse	CDC will systematically reseal all cracks within 6 months of the new contract period commencement.	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>
With residential homes existing close to the depot, excess noise will cause disturbance to neighbours	CDC will implement a protocol to limit vehicle idling and reversing out of business hours within 3 months of new contract period commencement.	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>
Potential contamination migration from underground fuel tank area	<p>CDC currently carrying out a benchmark environmental review to establish the presence of any ground contamination with the fuel tank at the Katoomba site within 6 months of the new contract period commencement.</p> <p>If contamination is present, CDC will engage with TfNSW to develop a site-specific management plan.</p> <p>CDC will also conduct core sampling and line integrity testing every quarter to ensure against any potential new contamination.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>
Optimisation of existing bus washing processes to	CDC will conduct a review of existing water recycling and bus washing processes in place and confirm opportunities for improvement to	Monitoring

Issue	Control	Ongoing Monitoring & Measurement
<p>further reduce environmental impacts</p>	<p>include rainwater harvesting, oil water separators in place and no water contamination opportunities exist.</p> <p>This will include a review to ensure that environmentally friendly bus washing chemicals are being used, appropriate bunding is in place, oil water separator systems are installed where required with ongoing maintenance plans and water wastage is minimised.</p> <p>A plan for rectification and upgrading at required sites will be developed and implemented over 18 months of new contract period commencement.</p>	<p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>
<p>Oil, tyre and dry waste recycling program review</p>	<p>CDC will review existing arrangements for oil, tyre and dry waste recycling at all sites in the region identifying any room for improvement and bring these sites in line with overall environmental plan requirements.</p> <p>CDC will aim to have complete alignment within 18 months of new contract period commencement and have agreements in place with accredited contractors for these sites.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>

Outer Metro Region 11 Environmental Action Plan

Issue	Control	Ongoing Monitoring & Measurement
<p>Gaps in concrete parking area joints may provide opportunities for contaminants to enter the ground or watercourse</p>	<p>CDC will systematically reseal all cracks within three months of the new contract period commencement.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>
<p>Potential contamination migration from underground fuel tank area</p>	<p>CDC currently carrying out a benchmark environmental review to establish the presence of any ground contamination within 6 months of new contract commencement.</p> <p>If contamination is present, CDC will engage with TfNSW to develop a site-specific management plan.</p> <p>CDC will also conduct core sampling and line integrity testing every quarter to protect against any potential new contamination.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>

Issue	Control	Ongoing Monitoring & Measurement
<p>Review of onsite sewage systems to ensure effective management</p>	<p>CDC will complete a systematic review of remaining onsite sewage systems including septic tanks and assess risk with local government water authority of installed systems in this region and ensure local council inspection program is implemented based on risk level for systematic maintenance.</p> <p>CDC will also assess and where possible plan for decommissioning of existing septic tanks and connection to town sewage system and implement trade waste agreement with regular testing and results monitored this will be completed within 18 months of new contract period commencement.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>
<p>Water recycling implemented where washing vehicles by hand without bus wash system</p>	<p>CDC will review this site location to evaluate water recycling system where vehicles are washed by hand without bus wash system at this location.</p> <p>This may include rainwater harvesting system with pony wash tool and recycling of grey water.</p> <p>Implementation of a solution will be planned for within 6 months of new contract period commencement.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>
<p>Oil, tyre and dry waste recycling program review</p>	<p>CDC will review existing arrangements for oil, tyre and dry waste recycling at all sites in the region identifying any room for improvement and bring these sites in line with overall environmental plan requirements.</p> <p>CDC will aim to have complete alignment within 18 months of new contract period commencement and have agreements in place with accredited contractors for these sites.</p>	<p>Monitoring</p> <p>Safety Performance Indicators – Environmental Incidents reported in Daily and Monthly Operating Report</p> <p>Monthly Depot Safety and Environmental Inspections</p> <p>Measurement</p> <p>Quarterly Environmental Management Plan Report</p>

