



DELTA GROUP
SHAPING TOMORROW



ASBESTOS MANAGEMENT PLAN



ASBESTOS MANAGEMENT PLAN

LEIGH CREEK FUTURE TOWNSHIP TRANSFORMATION DEMOLITION PACKAGE 2 CONTRACT 4468-A-2021 SOUTH AUSTRALIA



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Project Name:	Leigh Creek Future Township Transformation Project (Phase 1)		
Client Names:	Department for Infrastructure and Transport		
Project Address:	Leigh Creek, South Australia		
Demo Scope:	Demolition Program 2 (DP1 & DP2) Asbestos Removal		Demo Site: Leigh Creek
Site Approval by (Project Manager):	Name: Harry Pickard	Signature:	Date: 22/11/2021
Site Supervisor:	Name: Adrian Neal	Signature:	Date: 22/11/2021
	Name: James Vari	Signature:	Date: 22/11/2021
Project Manager (Responsible for Implementation):	Name: Harry Pickard	Signature:	Date: 22/11/2021
Project Director (Approved for use on site):	Name: Petar Kleut	Signature:	Date: 22/11/2021

DISCLAIMER

This document has been developed to assist the Delta Group to better understand and manage workplace safety and workers’ compensation issues in the workplace. While every effort has been made to ensure the accuracy of the material in this document, this publication is not meant to substitute for the legislation. For the specific requirements on an issue covered in this document, persons should refer directly to the relevant legislation in their location.

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1. INTRODUCTION

The Asbestos Management Plan identifies hazards and risks that Delta Group business and personnel may be exposed to during the Asbestos Removal works at Leigh Creek Future Township Transformation Project (Phase 1), South Australia. The plan details the control measures to be implemented to regulate these hazards and risks. The risk management process involves the use of policies and procedures compliance, forms and checklists, education, training and supervision, and continual improvement in all areas required of quality. The model in AS/NZS 4581 Management System Integration and the guidelines in Standards Australia Handbook Guidance on integrating the requirements of Quality, Environment and Health and Safety Management Systems form the basis for the Delta IMS.

2. REVISION OF PLAN

Rev	Date	Description of Change	Page/s	Reviewed by	Approved by
0	2021	Plan for issued for use	All	Harry Pickard	Petar Kleut

3. AUTHORISATION AND CONTROL

a. AUTHORIZATION

This Plan serves as a supporting document of the Project Management Plan where authorization of this plan will be through the Project Management Team. All project personnel are to ensure that their work activities and those of Project Consultants, Contractors and Suppliers are carried out in accordance with the requirements of this Plan.

b. DISTRIBUTION

This Plan is a Controlled Document and must be distributed and revised under the guidance of the Project Manager. People who hold Controlled copies are responsible for maintaining their copies up to date.

c. REVISION

The Project Manager will monitor the implementation of this Plan and review the need for change or improvements having due regard to:

- Change in work scope, client comments and so forth
- Internal and external audits
- Suggestions and comments from project personnel
- Incidence and frequency of non-conformance
- Necessity for corrective or preventative action
- Legal Update and Requirements
- Review by Delta Groups Management team
- Annual Review

All changes must be formally approved by the IMS Manager or QSE Manager.

Changes to the recent revision will be highlighted. The Project Management Plan (Demolition works plan) is the master document and any changes to supporting management plans or documents will result in revision control the Project Management Plan.

4. Introduction

This Asbestos Management Plan (AMP) has been developed for Leigh Creek Future Township Transformation Project (Phase 1) project and has been prepared to educate site workers and contractors about the presence of asbestos throughout the site and to define the safe management & safe work practices that will be carried out in accordance with the AMP throughout the duration of the project.

5. PROJECT PURPOSE

The purpose of this plan is to ensure that the All personnel working for Delta, at the Leigh Creek Future Township Transformation Demolition Project, have a basis to achieve the goal of zero harm while achieving our objectives as detailed in bridging document WHSMP and to ensure that Delta and the public are not placed at risk through its operations and to strive to prevent all accidents injuries and occupational illness through the active participation of every employee.

Key Elements of Scope detailed in PPR Brief is consisting of, but will not necessarily be limited to:

- The key objective of this Project is to safely remove all asbestos containing materials (ACM) from the identified demolition zones and demolish existing structures, services and fencing as identified by DIT.

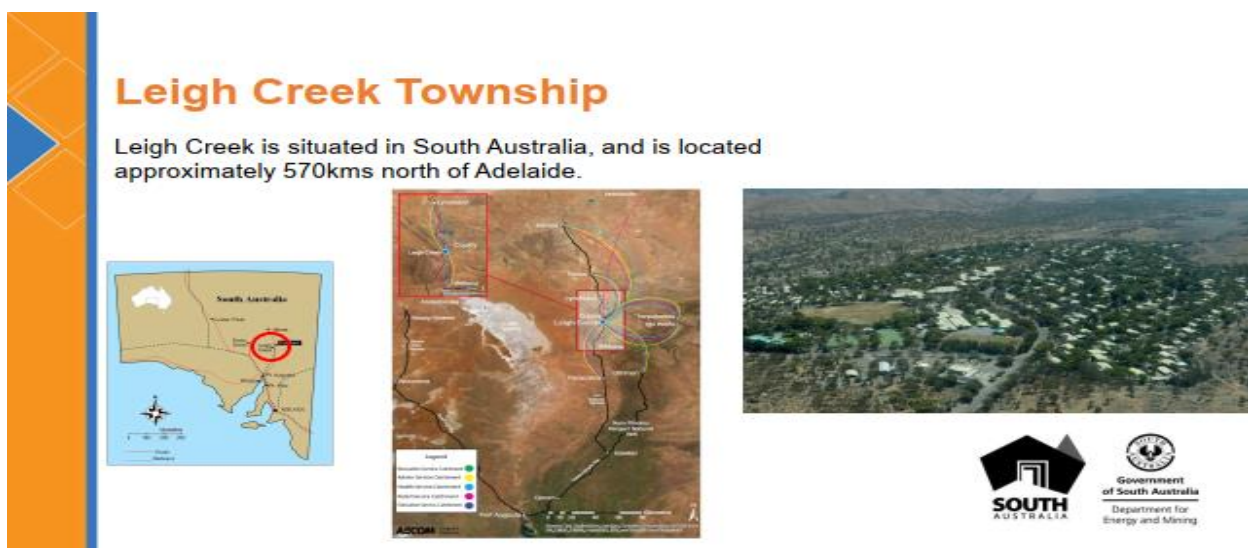
This Plan is structured to follow the;

- DIT Principal's Project Requirements (PPR) Brief
- DIT Minimum Safety Expectations (Section 22 & 24 refers)
- Asbestos report Leigh Creek Township FLP 7026 (DOC REG L98/00001)
- Delta Construction Environmental Management Plan (CEMP) or equivalent
- Delta Project Management Plan
- Delta COVID-19 Infection Control Management Plan
- Asbestos Removal Method Statement Aztech Services Australia's (ASA)
- Delta Traffic Management Plan
- Delta Demolition Method Statement
 - Delta Demolition Specification

6. Project Location

Leigh Creek is a former coal mining town located approximately 600 kilometres north of Adelaide in Eastern Central South Australia. For reference, a site plan is illustrated below.

The Leigh Creek township land areas which will be impacted by the Phase 1 Demolition works packages are covered by C/T 6188/21, CT 6130/122, C/T 6130/110, and C/T 6130/111. All land areas are in the ownership of the Minister for Infrastructure and Transport (as successor to the Registered Proprietor being Minister for Transport, Infrastructure and Local Government).



7. PROJECT DESCRIPTION

Delta shall ensure the requirements of this WHSMP is adhered to and must perform and complete (SOW) in accordance with PPR Brief. This PPR Brief represents an amalgamation of requirements of the principal (DIT) and various stakeholders. These requirements include Site and Project descriptions, functional requirements, area relationships and performance requirements. It is structured to assist the reader in gaining an appreciation of these requirements by progressing from broad to detailed issues.

The Brief forms part of the PPR documentation suite and must be read in conjunction with Delta developed deconstruction activities and methodologies for the Project and are further outlined in detail in the Delta Demolition and Asbestos Methodology, specification documents and related sub-management plans. Refer to the following

The PPR must be read by Delta in conjunction with the Contract Specification, the Drawings, Schedules, and Appendices of the Contract 4468-A-2021, which outline the full technical and documentation requirements

for the delivery of Goods and Services, Personnel (including management and supervision of Personnel) and Plant and Equipment, necessary for the Leigh Creek Future Township Transformation Demolition Program 2. Demolition Program 2 comprises of removal or demolition of existing structures and services within the identified demolition zone (DP2). The scope incorporates clearing the site of existing structures, building footings, concrete footpaths, and driveways, with removal of existing services as required.

The scope of works includes, but is not limited to:

- Complete removal of existing specified buildings, associated structures and fencing within the DP2 demolition zone;
- Removal of existing concrete slabs, footings, concrete footpaths, and driveways (roads and kerbs to remain);
- Removal of vegetation (with the exception of trees with high ecological and/or amenity value), paving, boulders, gravel, and irrigation;
- Civil, structural and services requirements in line with this PPR Brief; and
- ACM removal and disposal requirements in line with this PPR Brief.

An Early Works package will comprise of ACM removal from the DP1 zone and disposal of all materials at the Leigh Creek mine cell (to be coordinated through Eyre Advisory Service (EAS)). Separate Contract Works after this Contract will include the removal or demolition of existing structures and services within the DP1 demolition zone.

The extent of demolition zones DP1 & DP2 are illustrated in below

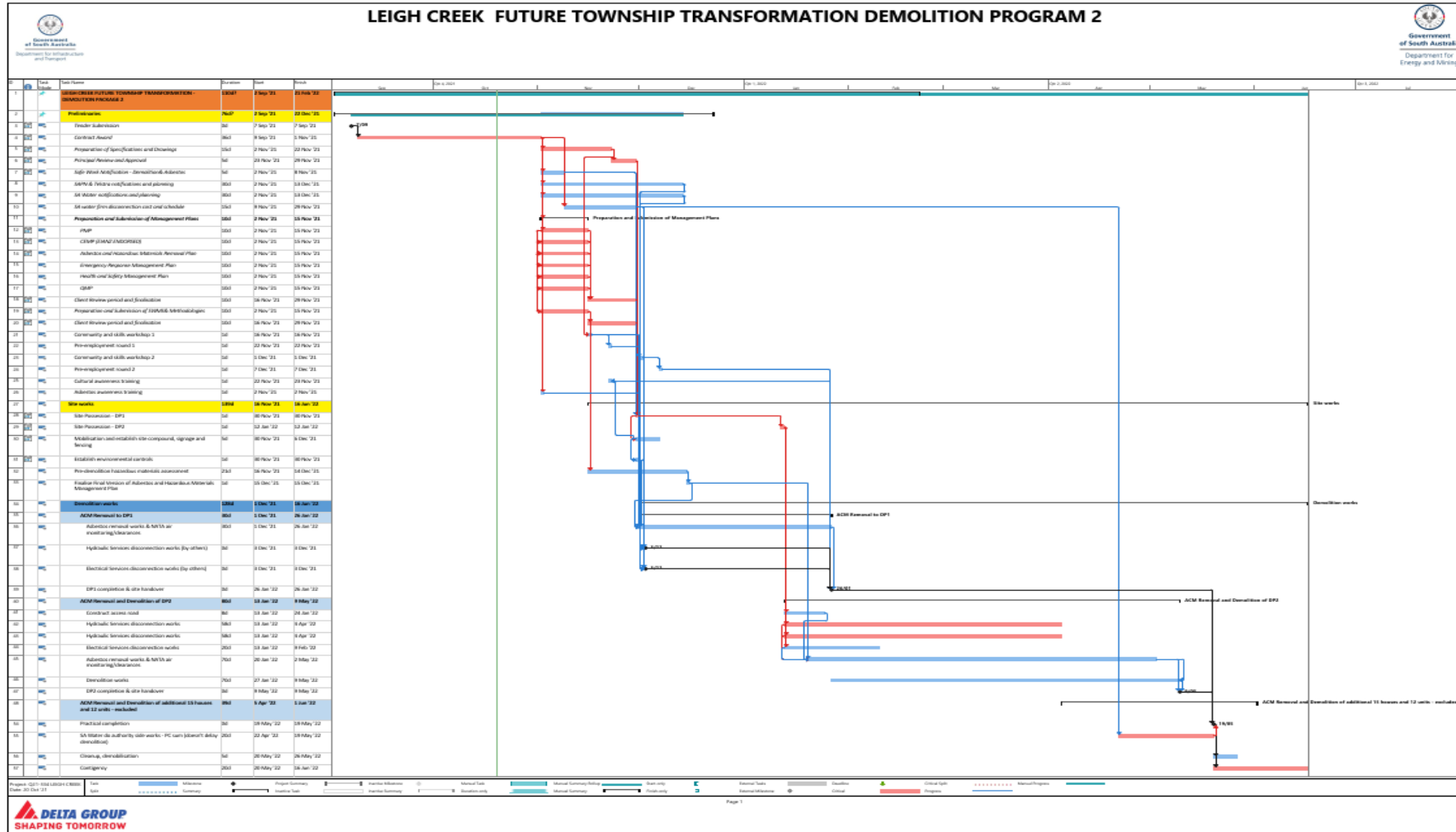
8. Definitions

Asbestos-containing material (ACM)	Any material, object, product, or debris that contains asbestos.
Non-Friable ACM	Asbestos containing material containing a bonding compound reinforced with asbestos fibres.
Friable ACM	Un-bonded asbestos containing material that, when dry, is or may become crumbled pulverised or reduced to powder by hand pressure
Fixed	Where it has been attached or secured in position (e.g., asbestos cement sheet screwed or nailed).
Installed	Where it has been specifically placed for a purpose (e.g., asbestos containing refractory bricks placed on top of each other or loose asbestos containing insulation blown into a ceiling space).
Removal	Asbestos removal work requires the appointment of a Principal Contractor. Asbestos removal work is a high-risk construction activity.
Asbestos Material Report	A report by an appropriately qualified person which states: <ul style="list-style-type: none"> - Where and what the types of materials that were found; - The form of the materials. - The condition of the material (i.e., friable, poorly bonded, unstable). - The potential health risks to building occupants.
Asbestos Register	A register that must be kept by the owner of the building and which must: <ul style="list-style-type: none"> - Contain information, including any changes/updates, from the Asbestos Material Report.

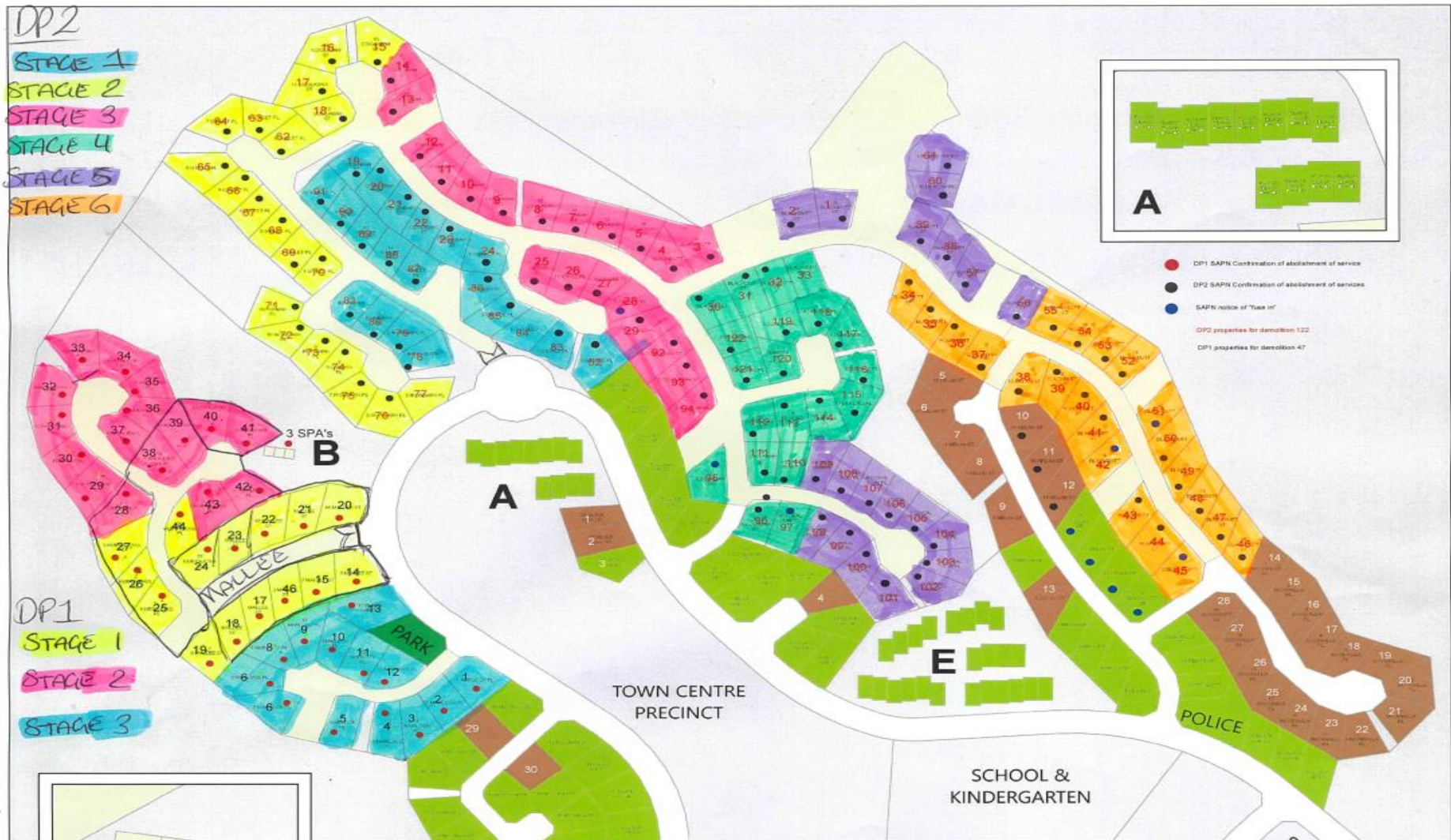
	<ul style="list-style-type: none"> - Be available for inspection by any person requiring inspect. - Be available to all maintenance/building contractors. - Be available to any contractors.
Competent person	A competent person is a person who possesses adequate qualifications, such as suitable training and sufficient knowledge, experience, or skill, to perform a specific task safely.
Licensed Asbestos Assessor	<p>An Independent competent person holding an Asbestos Assessors Licence who is engaged to plan and conduct Air Monitoring for the works.</p> <p>The results of all air monitoring should be provided to all relevant parties as soon as possible.</p>

9. Program & Scope of Works

Program Dates for Demolition Program 2 inclusive of ACM removal activities to DP1 shall be undertaken as Early Works, in line with the indicative programme as shown



ACM & DEMOLITION PROPOSED SEQUENCE OF WORK



10. Work elements under the Scope of Works:

Asbestos/Hazardous Materials:

Delta shall develop and implement the following environmental management measures:

- Pre-demolition Hazardous Materials Assessment
- Construction Environmental Management Plan
- Asbestos Removal Method Statement Aztech Services Australia's (ASA)

Delta shall engage a suitably qualified and experienced Licenced Asbestos Assessor (LAA) to complete a pre-demolition hazardous materials assessment to all house types and associated structures proposed to be demolished.

Asbestos Management Plan bridging document will resolve interfaces with any contractual WHS requirements, and where applicable in this Plan in the execution of asbestos removal program that will identify hazards and risks that Delta Group business, our personnel, and Subcontractors to be engaged on the Project for the removal of asbestos may be exposed to during work. The plan details the control measures to be implemented to regulate these hazards and risks.

All demolition works involving the removal and disposal of asbestos must only be undertaken by Aztech Services Australia's (ASA) contractors who hold a current Worksafe SA Asbestos or "Demolition Licence" and a current Worksafe SA Asbestos Licence A or B, prior to works, notification to be submitted to Worksafe SA and removal must be carried out in accordance with National Occupational Health and Safety Commission (NOHSC): "Code of Practice for the Safe Removal of Asbestos". 2011.

All personnel involved in with the asbestos work, either inside or outside the working area, will have completed all training required to handle asbestos related materials. All workers will be and will have been specifically instructed in all relevant aspects of asbestos health hazards, safe working procedures, maintenance and wearing of respiratory protective equipment and protective clothing for the project.

All works will be carried in accordance with the developed Safe Work Method Statement for the task and signed off in agreement and understanding with the information and controls covered in the SWMS

The risk management process involves the use of policies and procedures compliance, forms and checklists, education, training and supervision, and continual improvement in all areas required of quality. The model in AS/NZS 4581 Management System Integration and the guidelines in Standards Australia Handbook Guidance on integrating the requirements of Quality, Environment and Health and Safety Management Systems form the basis for the Delta IMS.

- Procedure 37 Unexpected Finds
- Procedure 24 Monitoring and Measurement
- Procedure 7 Dangerous Goods and Hazardous Substance Management
- SOP 49 Unexpected finds (Asbestos); Asbestos Management Plan

Agon Environmental Pty Ltd (Agon) is the nominated hygienist for the site. All air monitoring results will be made available to all workers on a daily basis. The presence of the Hygienist as required along with the experienced removalists, supervisors and other trained workers will greatly reduce the chance of any asbestos exposure in the workplace. These works will be completed in accordance with the Code of Practice "How to Safely Remove Asbestos" and the various subplans for the project as referred in Sections 3 and 6 of WHSMP.

Delta's unexpected finds procedure must be followed – at all times and is applicable to all people onsite. If you encounter material that may be asbestos, you must (that is not already known to be asbestos):

1. **STOP WORK**
2. **NOTIFY YOUR HSR, QSE and FOREMAN IMMEDIATELY**
3. **ISOLATE THE AREA (KEEP CLEAR OF THE PRODUCT BUT DO NOT LEAVE THE AREA TO MINIMISE ANY POTENTIAL CONTAMINATION)**
4. **FOLLOW HYGIENEST INSTRUCTION (decontaminate if necessary)**
5. **MATERIAL WILL BE ASSUMED POSITIVE UNLESS TEST RESULTS PROVE OTHERWISE**

11. Site Establishment/Mobilisation

1. Site specific induction conducted by Delta Supervisor for all workers.
2. Submit notification of works to Regulatory Body and receive approval to commence works.
3. Services to be disconnected by qualified tradesmen and a sign off received.
4. Site Amenities and Appropriate Site Signage Established.
5. Adequate water and power supplies are to be available prior to the commencement of any work.
6. All tools and equipment are to be tested by a qualified tradesperson to confirm that they are in working order

12. Key Issues

This Asbestos Management Plan has been prepared to provide DIT with a plan, as to how the Delta will complete and administer the Asbestos for the duration of the works. The key risk

- Hazardous Materials.
- Access and Egress.
- Mobile Plant.
- Noise & Dust
- Transport to EAS Leigh Creek mine cell for disposal

This document details the procedures that need to be followed to ensure the works are delivered to DIT in accordance with the contract documents.

13. Compliance

This Asbestos Management Plan has been developed to comply with project documentation and statutory requirements set out in the following project documentation. All demolition works involving the removal and disposal of asbestos cement must only be undertaken by contractors who hold a current Work Safe SA Asbestos A & B Class Asbestos Licence and removal must be carried out in accordance with National Occupational Health and Safety Commission (NOHSC): "Code of Practice for the Safe Removal of Asbestos". 2011

14. Statutory Requirements

The following Health & Safety Acts, Regulations, Australian Standards, NOHSC guidance, Codes of Practice, and other requirements are relevant to the health and safety of this project in SA:

- WH&S Act 2011
- Work, Health and Safety Regulation 2011
- Waste Minimisation and Management Act 1995
- Environmental Operations Act 1997
- SA EPA Waste Classification Guidelines, Part 1: Classifying Waste (April 2008)
- Protection of the Environment Operations Act (1997).
- AS/NZS 2601-2001 Demolition of Structures
- National Standard for Plant [NOHSC]:1010(1994)
- AS/NZS1940-1993 Storage and Handling of Flammable and Combustible Liquids

- National Standard for the Storage and Handling of Workplace Dangerous Goods [NOHSC:1015(2001)]
- National code of practice for the storage and handling of dangerous goods [NOHSC:2017(2001)]
- National Standard for Occupational noise [NOHSC:1007(2000)}
- National Standard for Construction Work [NOHSC:1016(2005)]
- National Standard for Manual Handling [NOHSC:1001(1990)]
- National Code of Practice for Manual Handling [NOHSC:2005(1990)]

ELECTRICAL

- AS/NAS/NZS 3012 Electrical Installations - Construction and Demolition sites

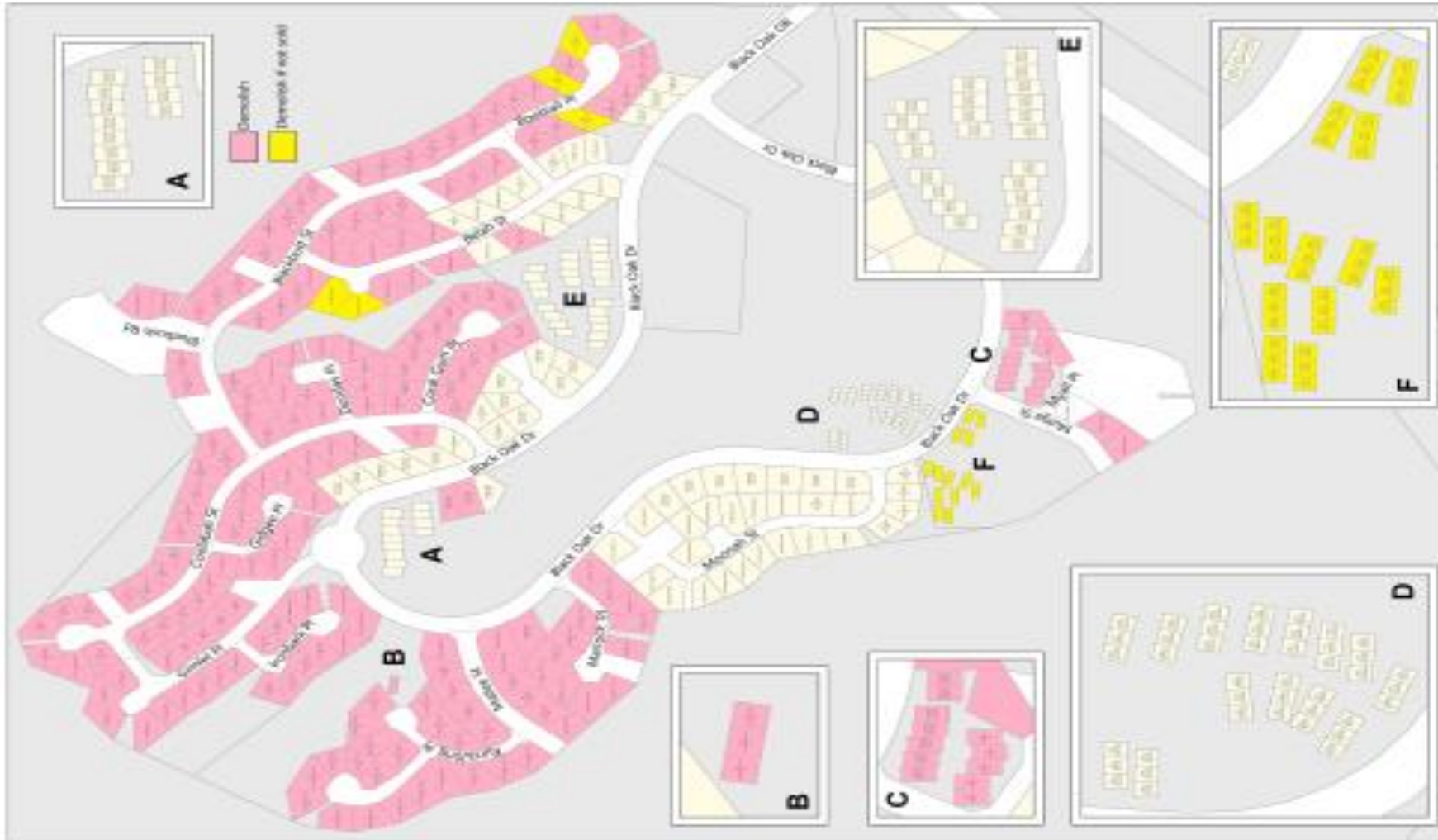
ASBESTOS/ HAZARDOUS SUBSTANCES

- Code of Practice: How to Safely Remove Asbestos
- Code of Practice How to Manage and Control Asbestos in the Workplace
- Adopted National Exposure Standards for Atmospheric Contaminates in the Occupational Environment [NOHSC:1003(1995)]
- National Model Regulation for the Control of Workplace Hazardous Substances
- National Code of Practice for the Control of Workplace Hazardous Substances [NOHCS:2007(1994)]
- AS/NZS1716: - Respiratory Protective Devices
- AS/NZS1715: 2009 - Selection, Use and Maintenance of Respiratory Equipment
- AS/NZS2865-1995 [NOHSC:1009(1994) Safe Working in a Confined Space

OTHER APPROVALS:

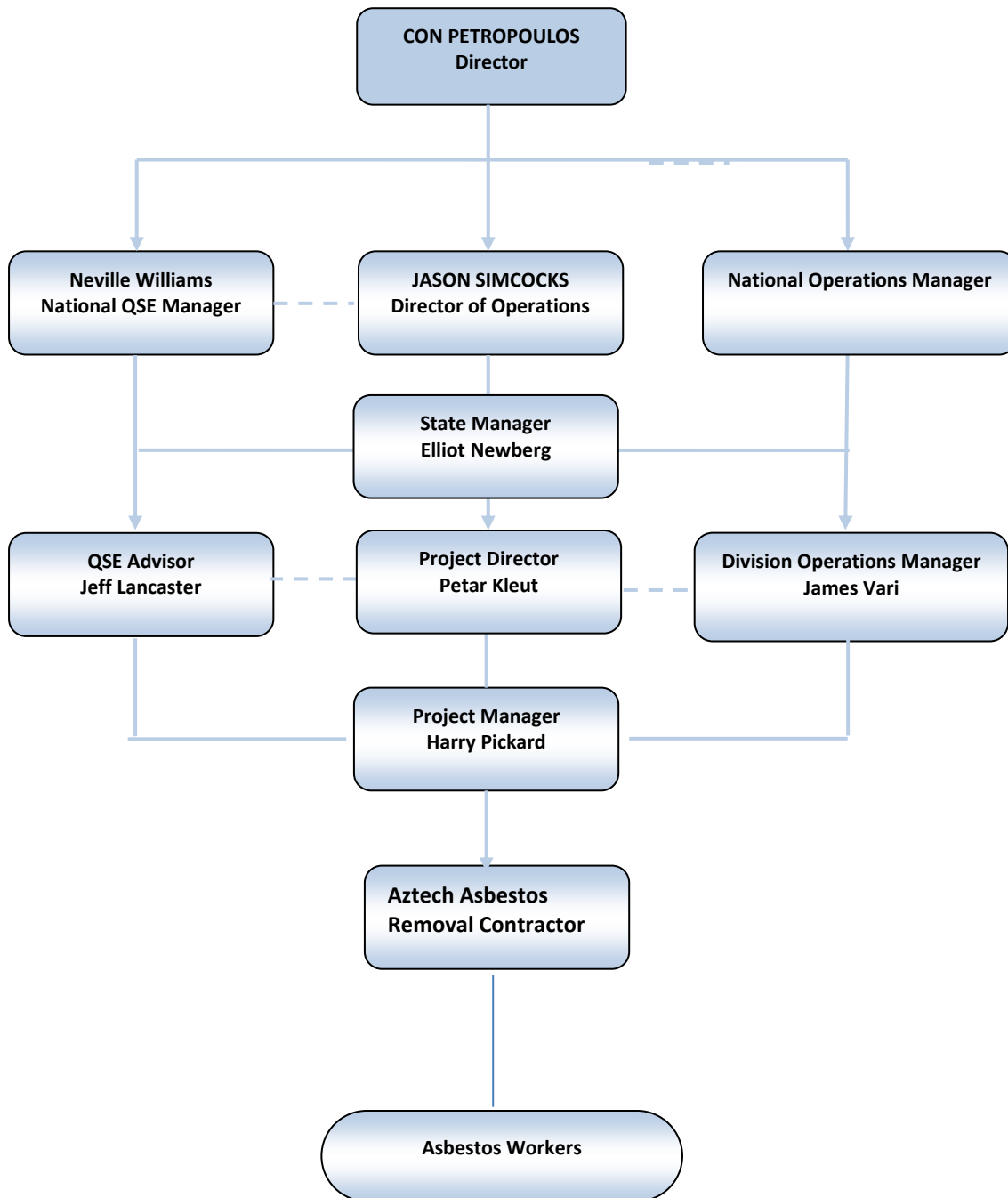
- Department of Environment (Federal)
- Safework SA– Friable Asbestos Permit

15. Location of Site – Leigh Creek South Australia



16. STRUCTURE & RESPONSIBILITY

To ensure that the project scope of works, customer requirement and the objectives and targets are met Delta has allocated the following resources as identified in organisational chart and as identified in Project Management Plan.



17. Responsibility & Accountability

All Project Personnel have a legal obligation under Work Health & Safety legislation to ensure the Health and Safety of themselves, and other personnel and to care for the property and the environment in accordance with statutory obligations.

- Personnel shall comply with all statutory requirements, standards, and codes of practice.
- The roles and responsibilities relevant to each worker, contractor on the project is as stated below and as stated in Operating procedures, SWMS/JSEA and any other site instruction given.
- The roles and responsibilities are communicated through company inductions, procedures, SWMS inductions.

17.1 The Project

- Ensure that all work is carried out under the contract in compliance with the relevant state OH&S and Environmental legislation.
- Providing and maintaining an OHS policy and procedures manual which has been communicated to all employees
- Ensure that regulatory compliance is maintained;
- Safe working procedures have been developed and implemented;
- Ensure that all equipment under Delta is maintained in a sound condition, and consistent with any legislative obligations;
- Hazard identification and control mechanisms are functional and effective in minimising the risk to environment, health, and safety;
- Formulate a Work Health Safety Management Plan and communicate to all Project personnel;
- Implement incident investigation procedures (including recording and maintaining statistics consistent with AS 1885);
- Provide technical and OH&S training programs applicable to all Project Personnel engaged upon site;
- Implement employee consultation mechanisms;
- Implement preventative maintenance programs for all equipment which is Delta's responsibility, and which will use on site;
- Apply QSE Management policies and procedures to all subcontracted employees engaged to undertake work on behalf of Delta;
- Ensure all Project Personnel are inducted prior to commencement of work;
- Ensure all incidents are fully investigated and documented;

17.2 Group Director of Operations

- Providing direction, motivation, and the resources necessary to achieve the National objective and targets, as outlined in Delta's internal management Systems and procedures and the relevant OHS&E legislation, ISO 9001, AS/NZS2001, AS/NZS 14001, OFSC Accreditation Criteria.

17.3 State Manager

- Being aware of the current legislation for OHSE and Delta's obligations;
- Approval of Project Documentation;
- Ensuring Project Managers are demonstrating a continued commitment to Legal OHS compliance and the QSE Management System by reviewing OHS performance on projects;
- Attendance at Toolbox Meetings on site every 6 months to monitor and discuss OHS issues with the Site Foremen, OHS Representatives and workers;
- Review of Project Performance.

17.4 Project Director

- Project Director will have overall responsibility for the project. The role is a true leadership role, generally operating at a strategic and tactical level. \
- This role is expected to understand the broader context of the organisation, the many changes being undertaken beyond the program and the direct operational area, and align the project approach, impact, and timing with the broader environment.

- This role generally is undertaken by an experienced project leader with implementation experience who provides advisory services to the client management team in relation to the project approach and integration with broader activities.
- The PD will provide leadership, direction, guidance and coaching to the Project Manager and the broader project team in relation to project approach, activities, risks, issues, and general management to ensure that work is completed on time and within budget, to a high standard.
- The role will manage upwards strategically to facilitate effective executive and Project governance

17.5 Operations Manager

- Providing direction, motivation, training, and the resources (plant & personnel) necessary to achieve the objectives and targets for the group;
- Conduct regular site inspections/task observations;
- Arrange labour hire and implement labour hire procedure;
- Ensure Safe systems of work are being developed and implemented;
- Provide technical advice;
- Performance management of workforce.

17.6 Project Manager

- Develop and implement Project plans;
- Being accountable to the General Manager and State QSE Manager for QSE issues;
- Point of Contact for client communication and consultation;
- Ensuring that the on-site Inspection & Testing are undertaken as set out in the Inspection and Test Plan (ITPs);
- Identify key quality risks and opportunities to ensure high quality outputs;
- Ensure that all staff under their control have adequate training and experience for the for the work;
- Ensure that all staff under their control have adequate equipment to carry out the works;
- Organisation of on-site personnel with regard to their responsibilities within the QSE Management System;
- Being a part of the planning and design stages of trade activities
- Review & approve Safe Work Method Statements prepared by, Sub-contractors, Consultants and Suppliers;
- Ensure Subcontractors meet Delta Requirements prior to commencing works;
- Ensure Subcontractors comply with Delta's QSE Management System during projects;
- Ensure QSE project documentation and QSE communications is obtained and exchanged with the Site Foremen and other parties;
- Attendance at Toolbox Meetings on site every 3 months to monitor and discuss QSE issues with the Site Foremen, OHS Representatives and workers;
- Participating in QSE Site Audit quarterly to review the level of compliance with Management System;
- Development and review of the HIRAC Process on designated projects, and where required, approval and signoff for High-Risk activities;
- Develop and review of project documentation;
- Report on Project Performance;
- Incident investigation for minor incidents and reported appropriate;
- Ensure that any business and workers removing asbestos materials are qualified, licensed and formally trained in accordance with the relevant legislation, codes of practice and Australian standards

17.7 QSE Advisor

- Being accountable to and report to the National QSE Manager and State General Manager on performance and work towards improvement of Delta's Project Performance;

- Reviewing, dispersing to the Project Management Team, and implementing (if changes are applicable to Delta operations) Subscription update reports;
- Ensuring through audits and inspections that Delta's QSE Management System, risk assessments, procedures and SWMS on a project level reflect the requirements of current legislation, standards, and other requirements relevant to health and safety;
- To facilitate the investigation of all injuries, work related illnesses and dangerous occurrences at Delta workplaces;
- To assist inspectors from the relevant state legislative workplace Health and Safety Authority in the performance of the Inspector's duties whilst on site;
- To implement and maintain proper recording mechanisms so that relevant safety information is properly compiled and easily accessible. This includes QSE information and documentation, licence registers and training registers and their expiry dates for all current and new employees;
- To constantly monitor and review whether the correct QSE procedures are being followed and to advise all levels of management of any deficiencies that may arise from time to time. This includes advising the Operations Manager of medical, training and licensing deficiencies which need to be addressed;
- Attendance at Toolbox Meetings on site randomly to monitor and discuss QSE issues with the Site Foremen, OHS&E Representatives, and workers;
- Conduct site QSE Site Audits for compliance with the QSE Management System, report any findings and remedy any deficiencies where required;
- Seek and provide technical advice for Delta at all levels on QSE matters;
- Provide leadership and set an example in the safety culture of Delta;
- Determine extent of emergency situations and confer with relevant parties to facilitate recommendations and changes from regulators and authorities;
- Be the designated person authorised to contact WorkCover for Delta;
- Initialise evaluation of the emergency response actions, and need for system improvements;
- Ensure preventative actions are taken to eliminate or minimise incidents that may occur in the future as a consequence of the emergency and ensure Issue Resolution process is followed.

17.8 Project Engineer

- Understand the requirements of the Subcontract, i.e., specifications, scope of works, etc.;
- Undertake a detailed review of the projects documentation that make up the requirements of the Subcontract and prepare a detailed Schedule of Scope Deliverables that shall form the basis of the Subcontractors Inspection & Test Plan (ITP) process and records. Developing on-site Inspection & Testing are undertaken as set out in the Inspection and Test Plan (ITPs);
- Ensure that ITPs are being carried out properly and nominated hold points are verified prior to works proceeding;
- Manage non-conformances and initiate corrective action as required;
- Manage defects on site to reduce the number of defects at completion;
- Being a part of the planning and design stages of trade activities;
- Ensure all subcontractors submit and are supplied with relevant project documentation.

17.9 Site Foreman

- Provide onsite day to day direction, motivation, leadership, and the resources necessary to achieve the targets and objectives as outlined;
- Understand the requirements of the Subcontract and ensure the works are delivered in accordance with the Subcontract, i.e., specifications, scope of works, etc.;
- Supervision and allocation of tasks;
- Assist in developing SWMS for all tasks and ensuring the work is monitored throughout. If required, amend the SWMS to reflect work activity changes;
- Take all reasonable care to maintain a high standard of care and workmanship;
- Ensure Site Inductions are conducted for all workers and Subcontractors;

- Managing the Site Folder on and ensuring all QSE documents are correctly completed – including consultation, communication checklist and registers;
- Recording all daily site activities in a site diary;
- Ensuring that all major incidents are properly investigated and reported appropriately;
- Report all incident and near misses to the Project Manager and QSE Manager;
- Ensuring that any site-specific documents, (SWMS etc) are also reviewed considering the changes made to legal and company documents;
- Undertaking inspection of the contracted or planned works to ensure that quality control measures are implemented and effective;
- Ensure that all defects and incidents are identified, addressed, and closed out;
- Ensure that ITPs are being carried out properly and nominated hold points are verified prior to works proceeding;
- Ensure sub-contractors are included and provided with all relevant project documentation.

17.10 Asbestos Supervisor

- Provide onsite supervision of all works relating to the Asbestos Management;
- Liaise with onsite Licenced Asbestos Assessor daily to ensure works are planned correctly and according to requirements;
- Understand the requirements of the Asbestos Management Plan and ensure the works are delivered in accordance with the plan i.e., specifications, scope of works, etc.;
- Supervision and allocation of Asbestos related tasks;
- Assist in developing SWMS for all asbestos related tasks and ensuring the work is monitored throughout. If required, amend the SWMS to reflect work activity changes;
- Take all reasonable care to maintain a high standard of care and workmanship;
- Maintaining daily logs of decontamination units and negative air equipment;
- Maintaining daily housekeeping of decontamination unit and site amenities and ensure all cleanliness is maintained including HEPA vacuuming and wet wiping surfaces and decon unit supplies are topped up and in their correct location;
- Daily prestart inspection and testing of decontamination unit and negative air equipment and reporting to the relevant parties of any identified issues;
- Assist with maintaining the onsite hazardous materials register;
- Ensuring that all asbestos incidents are properly investigated and reported appropriately;
- Report all asbestos incident and near misses to the Project Manager and QSE Manager;
- Ensuring that any site-specific asbestos documents, (SWMS etc) are also reviewed considering the changes made to legal and company documents;
- Undertaking inspection of the contracted or planned works to ensure that quality control measures are implemented and effective;
- Ensure sub-contractors are included and provided with all relevant project documentation.

17.11 Leading Hand

- Being accountable to Delta Site Foreman;
- Provide supervision, leadership, and direction to Designated Work Group;

17.12 Employees

- Being accountable to Delta Site Foreman;
- As per Delta procedures and SWMS;
- Nominate and elect safety rep and safety committee;
- Work with all due diligence and care, ensuring their own personal safety, the safety of those working with them and condition of the surrounding environment;
- To work in accordance with the relevant OHS&E legislation and the Delta Management System;
- To cooperate and comply with all safety instructions given by Delta representatives;
- To immediately notify the Site Foreman of any unsafe situation and not to work in any way that could endanger themselves or their fellow workers;

- Compliance with Project specific safety requirements/procedures and guidelines, formulated and disseminated through Project inductions, SWMS's, toolbox meetings and site instructions;
- Encouraging others to follow established safety/ environmental practices;
- Stopping any observed unsafe acts;
- Only commencing tasks once all associated hazards are reduced to as low a risk as is reasonably practical;
- Participation in SWMS preparation, pre-start meetings and toolbox meetings;
- Correct use of safety equipment and PPE supplied, and if unsure, ask questions;
- Ensuring the correct tools and equipment are used and maintained in good condition;
- Reporting to their Foreman, any defects in plant or equipment – immediately;
- Warning other employees of known hazards;
- Reporting immediately to the Site Foreman, all hazards, accidents, incidents and near misses;
- Responsibility for daily housekeeping in own working area.

17.13 HSR Representatives (Employee Representative/s).

- Represent workers and raise concerns with regards to on site and company safety issues to Site Foreman and where required QSE Coordinator / Manager and or Operations Manager;
- Conducting and recording findings for Safety Inspections at the workplace to identify hazards and to determine if Delta's QSE Management System and procedures is being complied with on site and to report the findings to Site Foreman and Project Managers;
- Assisting the Project Management Team to develop and implement the SWMS/JSA;
- Providing advice on QSE to all employees;
- Making sure QSE work procedures are followed;
- Assisting with injury management / return to work for injured employees;
- Reviewing QSE reports and inspections;
- Assisting in setting up and being a part of QSE meetings and programs;
- Assisting in setting up Toolbox Talks on a regular basis;
- Insisting on sound QSE practices always;
- Participating where applicable in incident investigations;
- Communicating with the Site Foreman on QSE matters;
- Other duties as directed by the Site Foreman.

It is Delta's process to have HSR's act as our OHS Representative and assist the foreman in the implementation and onsite maintenance of the QSE system. However, it is the choice of the individual to decide if this will occur and can continue in the role of HSR as stated in legislation if they do not wish to fill the role of OHS Representative.

17.14 Subcontractors

- Submit for approval 2 weeks prior to accessing site an appropriate Occupational Health & Safety Plan, which includes Safe Work Method Statements and records for their works;
- Maintain an approved Occupational Health & Safety Plan, which includes safe work method statements and records for their works;
- Observe Contract and Statutory requirements relating to occupational health, safety & environment;
- Follow instructions issued by Delta management and supervisory personnel;
- Adhere to the Delta policy and procedures;
- Ensure all persons accessing site have attended a Delta site induction;
- Report all incidents, hazards, near misses or dangerous occurrences to Delta management
- Cooperate fully with site emergency and evacuation procedures and consultative arrangements;
- Completing Plant and equipment OHS&E verification paperwork (i.e., logbooks, maintenance records, plant risk assessments);
- Monitoring of, plant, substances, equipment, temporary structures used by them;
- Submit SWMS for review prior to commencing works;
- Provide Delta with copies of all site documentation;

- Maintain inspection schedule as per subcontractor requirements
- Prepared to be subject to external and internal Audits and site inspections;
- Nominate employee OHS Representative;
- Have and nominate a Site First Aid officer;
- Provide copies of all relevant licensing, tickets competency for required activities and evidence of health surveillance records (where required).

17.15 Visitors

- All visitors, suppliers and vendors visiting the construction site or associated yards and workshops shall;
- Undergo a Delta site induction prior to entry to the site, or be directly accompanied by an inducted person where the ratio is to be no less than 5:1;
- Wear appropriate PPE on the Project site at all times; and
- Comply with all safety and environmental directions at all times.

18. Notifications, Permits & Investigations

The following investigations and reports are required for the project:

- Hazmat Report
- Environmental Report / Specifications

The following notifications have been made and permits obtained for the project:

- Notice of Asbestos Removal to SafeWork SA
Hardcopies will be kept in Job Folder.

19. General

All personnel involved in with the asbestos work, either inside or outside the working area, will have completed all training required to handle asbestos related materials. All workers will be and will have been specifically instructed in all relevant aspects of asbestos health hazards, safe working procedures, maintenance and wearing of respiratory protective equipment and protective clothing for the project.

All works will be carried in accordance with the developed Safe Work Method Statement for the task and signed off in agreement and understanding with the information and controls covered in the SWMS.

Identify Asbestos to be removed off site for disposal as per Asbestos Registers supplied by client.

- Signs and barricades will be erected on the outer perimeter fence warning all personnel of the works in progress as well as the dangers present within the removal area.
- Air monitors to established around work boundary area to be determined by Argon LAA.
- Asbestos workers to remove all ACM as positively identified Asbestos Registers Aztec Services to follow the pre-demolition hazardous materials assessment report
- Once the removal work is complete the area will be independently inspected by the licenced assessor.
- Once notified by the licenced assessor the containment/exclusion zones will be dismantled. All material used to construct the containment/exclusion zones will be disposed of as asbestos waste.

Clearance certificates are to be issued by the LAA, they will clearly state the specific ACM removed and will include a marked-up site plan and the corresponding air monitoring certificate (if air monitoring was completed) for that location in the appendix. Delta Group will work in collaboration with the LAA to ensure all identified asbestos items in the site register are removed and a clearance certificate obtained for all of them. An overarching clearance certificate with references to all individual clearance certificates will be issued by the LAA on completion of all removal works.

20. Site Compound

Delta to supply amenities for workers, location to be confirmed onsite by Delta Project Team representatives.

21. Defining the Work Area

The Project /Asbestos Supervisor shall define the asbestos area. Areas will be delineated with a combination of physical barriers including ATF Chain wire fencing, barrier tape and signage. All main entry points to the asbestos work areas will be clearly signed.

All personnel entering the work area shall comply with requirements to wear respiratory protection, and clean their footwear upon exit from the area, even if work is not proceeding. If work is proceeding, any personnel entering the work area shall comply with the full decontamination procedure.

22. EXCLUSION ZONES

Exclusion zones will be established within DP1 and DP2 respectively to prevent unauthorized entry to the demolition and asbestos work areas of the site, this is illustrated in Appendix E. During Asbestos removal air monitoring will be established along the boundaries of the exclusion zones to assess the effectiveness of control measures implemented, inclusive of barricades to keep non-workers out of the area and place signs on the barricades in the surrounding area. These signs should be at eye level and in a language that other workers can understand. Before the area is returned to normal use the site supervisor must sight provide a clearance inspection certificate prior to the area being returned for works to progressively remove asbestos and continue in each zone

23. Signs and Barriers

The work area will be defined by barriers and by appropriately placed signs. Labels used to identify asbestos containing materials shall comply with A.S.1216.6.

The supervisor is familiar with all aspects of this specification and all relevant codes and will be involved in the total planning for the asbestos removal work to be carried out.

The supervisor has sufficient responsibility to be able to stop the work immediately if any problems are encountered. Such issues may involve either employee safety or release of asbestos dust from the work area and can be initiated without further reference to more senior personnel on site.

There must be at least one such supervisor present for the whole of each shift worked. This person will be located outside the work area at all times during the course of the stripping process.

24. Electrical

All electrical services will be disconnected prior to works taking place. A generator will be used to supply electricity to equipment requiring power.

At all times, leads will be elevated and run along outer walls, so as not to cause danger or hazard. Appropriate cut off boxes and switching will be used to trip the power when overloaded or short-circuited. Electrical setup will be verified by the onsite electrician prior to commencement.

25. Weather Conditions

Weather Conditions will be monitored throughout execution of the works such as analyzing the following parameters:

- Wind speed
- Wind direction
- Relative humidity
- Rainfall
- Air temperature

The information provided will assist the Asbestos Supervisor in conjunction with the Licensed Asbestos Assessor to determine effectiveness of dust controls. Works will cease if weather conditions exceed capacity of dust control measures and further implementation of dust controls will be employed.

26. Asbestos Stockpile Management

Asbestos material will be removed from site progressively to licensed landfill facilities. The Asbestos Supervisor will ensure debris will not be accumulated in working areas. During movements of debris dust suppression methods will be employed to control emissions and airborne asbestos fibers.

ACM will be double bagged and sealed or placed into plastic lined bins for offsite disposal. When bagging ACM, seal, and gooseneck the bag, then place it in another waste bag and gooseneck again. Double bag or double wrap all waste. This will ensure that the asbestos is contained and will not leak out.

27. Exclusion Zones

An exclusion zone has been established to prevent unauthorised entry to the asbestos work site. Air monitoring will be established along the boundaries of the exclusion zones to assess the effectiveness of control measures implemented. Put up barricades to keep non-workers out of the area. Place signs on the barricades and in the surrounding area. These signs should be at eye level and in a language, that the occupants of the building and other workers can understand. Before the area is returned to normal use the site foreman must sight provide a clearance inspection certificate prior to the area being returned for works to progressively remove asbestos and continue in each zone.

Exclusion zones will be established within DP1 and DP2 respectively to prevent unauthorized entry to the demolition and asbestos work areas of the site, this is illustrated above in ACM & DEMOLITION PROPOSED SEQUENCE OF WORK

28. Health Surveillance

Several key items which must be presented by the licensed asbestos removalist include;

- All workers conducting asbestos removal undertake mandatory medical examinations in accordance with the jurisdictional and legislative requirements.
- An appropriate medical examination for all employees prior to commencing (ASCC health surveillance documented Guidelines for health surveillance ascc.gov.au).
- Continued at intervals no longer that two years.
- Within 30 days of employee cease asbestos removal works (If not completed within a 12-month period of finish date).
- Notify Regulator of the registered medical practitioner details in writing if test indicate the employee has contracted a disease, injury or illness related to asbestos removal.
- Retain a copy of medical records for 40 years.
- Provide register of workers’ health examinations dates.

Airborne Dust Monitoring

28.1 General

An independent Licenced Asbestos Assessor from Greencap (Hygienist) shall be engaged to carry out background air monitoring in accordance with the "Code of Practice: How to Safely Remove Asbestos"

Type	Conducted By	Frequency	Results cc'd to
Background Air Monitoring	Argon – LAA	Daily/Prior to commencing works onsite	Delta Group
Asbestos Fibre Monitoring	Argon - LAA	Daily as required	Delta Group

(2011) guidance notes on the membrane filter method for estimating air-borne asbestos fibres [NOHSC: 3003 (2005)].

A Licensed Asbestos Assessor will provide to Delta Group the results of all measurements carried out for the duration of the contract, which will be communicated to the client through the appropriate channel via email transmittal. The following monitoring is required:

29. Licensed Asbestos Assessors Details for Project:

Licensed A Class Asbestos Assessor	Representatives Name	Licence Number
Argon	LAA – Scott Flamank	LAA No 570768
Argon	LAA – Brett McPherson	LAA No 555413

30. Prescribed Maximum Respirable Fibre Concentrations

Concentrations of respirable fibres less than 0.01 fb/ml are consistent with normal ambient air conditions. Effective implementation of control measures will ensure maximum fibre concentration will not exceed 0.01 fibres per millilitre (f/ml).

Concentrations of asbestos fibres shall be dealt with as follows:

<0.01fibres/mL. Action: Continue with control measures;

Between 0.01fibres/mL and 0.02fibres/mL. Action: Review control measures, investigate the cause and implement additional controls to prevent further release

Greater than 0.02 fibres/mL. Action: Stop work immediately.

Supervisor to notify the regulator and inform them of the work ceasing and monitoring results. Investigate the cause of the high monitoring result; this should include consultation with all workers involved in the works. Implement controls to eliminate or minimise exposure and prevent further release i.e., increase dust suppression controls to be employed. Work must not recommence until further air monitoring is conducted and results are at or below 0.01 fibres/mL

31. Notification of High-Risk Activity

The workers will be inducted into the Risk Assessments before they are allowed to enter the site and complete any works.

The Delta Group asbestos supervisor will notify the Project Manager of any anticipated problems with regards to the asbestos removal process, where such problems lead to a higher than normal risk of dust leakage from the work area, work practices will be revised to control dust emissions.

32. Equipment Performance

All materials and equipment will function to their intended purposes.

All equipment will be maintained in proper working order to manufacturer’s recommendations. Evidence of regular maintenance of equipment will be produced at the commencement of the works.

33. Emergencies

In the event of a fire or the need to provide emergency aid for seriously injured or sick personnel, decontamination procedures will be followed until deemed unpractical i.e., life threatening, emergency procedures set out in the site Emergency Rescue Plan (ERP) will be followed. Detailed escape routes and

rescue routes will be documented and identified to all workers in the area. Clear emergency action plans will be in place, any emergency personnel entering the workplace will wear appropriate PPE/RPE. (Minimum P2 half face disposable respirator and type 5 disposable coveralls). Emergency procedures must be established specific to the scope of works.

34. Trespassing

Appropriate signage is installed to site fencing indicating the dangers related to breaching the worksite including trespassing charges. A megaphone/air horns to be used to gain persons' attention if they enter the worksite.

If person is rational, ask them to voluntarily undergo decontamination through decontamination facility otherwise police will be notified. An Incident Report will be compiled ensure all offenders details are recorded.

Advise offender to be sent for Asbestos/Health monitoring and keep records.

35. Heat Stress - Fatigue

Delta will ensure that the exposure period within the encapsulated enclosure is kept to a minimum to avoid any heat related illness/injury. Workers are to continually communicate to the asbestos supervisor their comfort levels within the encapsulated area during particularly warm weather. Where the temperature surrounding and within the encapsulation is more than normal levels, the following control measures may be adopted:

- Selection of appropriate PPE fitted to reduce the build-up of heat ``
- Adequate number of extraction units in enclosures
- Cool cotton underclothing
- Scheduling appropriate work breaks
- Job rotation
- Cool drinks readily available
- Providing a cool, shaded rest area
- Educating workers about heat stress risks and controls.

36. Personal Protective Equipment

Protective clothing will be provided and worn as set out in the Code except for the following items which will take precedence:

- Protective clothing will be worn at all times by persons within a removal area irrespective of the type of asbestos being removed or about to be removed
- Persons undertaking the wet removal of asbestos will wear waterproof, tight fitting gloves and shoes/boots
- During work in a removal area, before the commencement of actual removal, it is permissible to wear coveralls fabricated from 50% cotton. At all other times coveralls, will be made from 100% synthetic material and will be disposable. Type 5 Category 3 coveralls will be used on this site

Personal protective clothing should be made from materials that provide protection against fibre penetration and not from wool or other materials that attract fibrous dusts.

All equipment used for the removal of asbestos should be inspected before the commencement of the asbestos removal work, after any repairs and at least once every seven days when it is continually being used. A register with the details of these inspections, the state of the equipment and any repair details will be maintained.

At the end of the asbestos removal work and upon leaving the asbestos removal work area, all PPE must be disposed of as asbestos waste or decontaminated and stored in sealed double bags before being removed

from the asbestos removal site. PPE should be thoroughly wet before being placed in bags.

37. Disposable coveralls will be used and will:

- Be of a suitable standard to prevent tearing or penetration of asbestos fibres so far as is practicable (disposable coveralls rated type 5, category 3 (prEN ISO 13982–1) or equivalent meet this standard)
- Be one size larger than the workers regular size to prevent ripping at the seams
- Be fitted with hood and cuffs, ensuring that if cuffs are loose, they are sealed with tape
- Have the coverall legs worn over footwear (not tucked in as this allows dust in)
- Have the fitted hood worn over the respirator straps.

38. RPE - Respiratory Protection Equipment

It is the Asbestos Supervisor’s responsibility to verify this equipment prior to the commencement of work.

Respirators will be stored separately from other clothing and in a clean area approved by the Supervisor as being not subject to asbestos contamination.

All personnel engaged in asbestos removal work must wear an approved respirator conforming to the requirements of A.S.1715 and A.S.1716. Respirators will be labelled clearly with the individual's name, issued for personal use only. They will be maintained in a clean and safe working condition.

Employees will receive instructions on the correct method of using the respirator and on the importance of correct facial fit regarding facial hair requirements. Respiratory checks and testing required before entry to contaminated areas.

All personal onsite to be fitted with half face particulate, filter (cartridge) respirator P3 & P3 Full face particulate filter (cartridge) respirator for the removal of contaminated material within sample room. The respirator must be in accordance with AS/NZS 1716-2012 Respiratory Protective Devices; and AS/NZS 1716-2009 Selection, use and maintenance of respiratory equipment.

Work Procedure	Required respirator	Filter type
Operation of Plant/Machinery	Half face particulate, filter (cartridge) respirator	P3
Extensive sample operations on friable asbestos	Full-face, particulate, filter (cartridge) respirator	P3
Maintenance work involving the removal of small quantities of friable asbestos	Full-face, particulate, filter (cartridge) respirator	P3
Certain forms of wet stripping in which wetting is prolonged and effective, and certain small-scale dry stripping operations	Full-face, powered air-purifying particulate respirator OR Full-face, positive pressure demand air-line respirator	P3

Personnel with beards, extensive facial stubble or other extensive facial hair will not be protected properly by filter half-face respirators, which require a good facial seal. Such personnel will use a continuous flow positive pressure, full-face respirator.

Personnel requiring the use of prescription spectacles may not be able to use full-face respirators due to the loss of seal around the spectacle arms. If the spectacles cannot be modified in such a way that they do not need the support of the ears, such personnel cannot use full-face respirators. Appropriate air supply hoods will accommodate such personnel.

39. Fit test RPE

AS/NZS 1715 selection, use and maintenance of respiratory protective equipment states that the proper fitting of respiratory protective equipment requires the use of some type of fit test to determine and adequate match between the facepiece of the RPE and face of the wearer.

Facial hair, including beards, moustaches, sideburns, and stubble, will stop a respirator from sealing properly. Workers who are required to wear tightfitting respirators, must be clean-shaven to allow a good seal of the respirator to the face. Work health and safety laws require workers to take reasonable care for their own health and safety, comply with any reasonable instruction, and cooperate with any reasonable policy or procedure of the employer relating to health or safety.

40. Decontamination Procedures

Wet decontamination, or wet wiping, involves the use of damp rags to wipe down contaminated areas. Rags should only be used once, although they may be refolded to expose a clean surface. The rags should be used flat and should not be wadded. If a bucket of water is used, the rags should not be re-wetted in the bucket, as this will contaminate the water. If the water is contaminated, it must be treated as asbestos waste. Care should be taken to avoid any potential electrical hazards when using this procedure.

Contaminated items, tools, equipment, and clothing must not be removed from the removal work area unless they have been decontaminated or contained.

If an item is not able to be decontaminated, or is not suitable for decontamination, it will be placed in a sealed container and disposed of in accordance with the WHS Regulations. The sealed container must be decontaminated before it is removed from the asbestos removal work area.

Where asbestos removal work involves friable asbestos, the decontamination procedures will include decontamination units. Mini-enclosure removals may require a combination of personal decontamination and decontamination units.

41. Tools

All tools used during asbestos removal work should be fully dismantled (where appropriate), cleaned under controlled conditions and decontaminated using either the wet decontamination procedures described above before they are removed from the removal work area. The method chosen will depend on its practicality, the level of contamination and the presence of any electrical hazards.

If tools cannot be decontaminated in the asbestos removal work area, or are to be reused at another asbestos removal work area, they should be:

- Tagged to indicate asbestos contamination
- Double bagged in asbestos labelled bags before removing from the asbestos removal work area

Image 1: Asbestos Labelled Bag



The bags containing the tools must remain sealed until decontamination or the commencement of the next asbestos maintenance or service task where the equipment can be taken into the removal work area and reused under full control conditions.

42. Personal Decontamination

Personal decontamination involves the removal of all visible asbestos dust/residue from PPE and RPE. Personal decontamination must be undertaken each time a worker leaves the asbestos removal work area and at the completion of the asbestos maintenance or service work. Personal decontamination will be done within the asbestos removal work area to avoid recontamination.

Asbestos-contaminated PPE must not be transported outside the asbestos removal work area except for disposal purposes. Before work clothes and footwear worn during asbestos removal work are removed from the asbestos removal work area for any reason, they should be thoroughly vacuumed with an asbestos vacuum cleaner to remove any asbestos fibres and the footwear should also be wet wiped.

RPE should be used until all contaminated disposable coveralls and clothing has been vacuum cleaned and/or removed and bagged for disposal and personal washing has been completed. Any PPE used while carrying out asbestos removal work must not be taken home by a worker.

Personal hygiene and careful washing are essential. Attention should be paid to the hands, fingernails, face, and head.

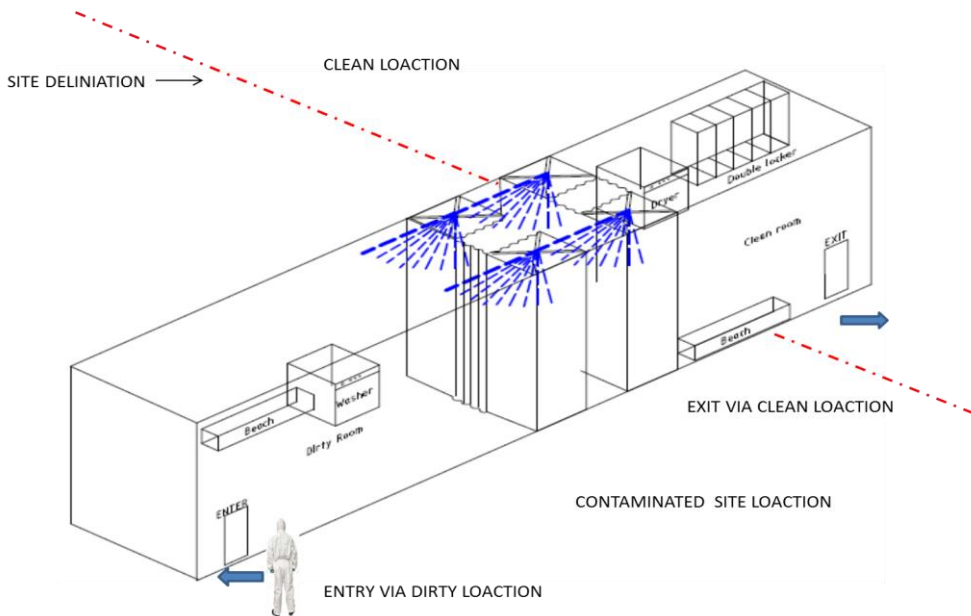
43. Car parking/Vehicle Movement

All Contractor's vehicles are to remain in designated carpark areas directed by Delta within zones DP1 and DP2.

44. Decontamination Unit & Vehicle Decontamination Unit (For Friable Asbestos Removal Only)

- Personal decontamination must be undertaken each time workers leave the asbestos work area and at the completion of the asbestos removal work. Personal decontamination should be done within the asbestos work area where re-contamination cannot occur. Refer to Work Safe Australia document How to Safely Remove Asbestos: Code of Practice 2011 for personal decontamination methods.
- For friable asbestos removal works a dry decontaminated enclosure will be constructed and directly connected with, the enclosed asbestos work area. A remote 5 stage decontamination unit will be set up adjacent to the site compound area.
- The three stages are divided into the dirty decontamination area, clean decontamination area and clean changing area.
- All water from the decontamination facility will pass through a 25micron & 5miron particulate filters.
- Workers should not smoke, eat or drink in any part of the decontamination unit.
- When leaving the work area, all site personal must enter the dirty decontamination area, vacuum clean or hose down all contaminated coveralls and footwear. Remove footwear and leave boots upside down within dirty decontamination area. Shower while wearing protective clothing and respirator with warm water. Leave respirator on and remove coveralls and place in 200-micron thick polythene bag.
- Move to clean decontamination area and commence showering and remove respirator. Thoroughly wash hands, fingernails, face, head, and respirator. Store the respirator in a suitable container within the clean decontamination area.
- Move to the clean change area, towel dry and change into clean clothes.

3 - Stage Wet Decontamination Unit:



3 STAGE DECONTAMINATION – FACILITY



45. Work Methodology

The work methodology should also be undertaken in accordance with IMS Procedure – Asbestos Management Removal, for all asbestos works.

1. Prior to works, notification to be submitted to Safe work SA and head contractor to communicate to neighbouring properties notifying asbestos works to be carried out. (If Required)
2. Prepare work zone including exclusion zone and erection of standard asbestos removal signage. Installation site shed compound and decontamination facility to nominated location.
3. Workers in full PPE/RPE with applicable asbestos tickets to carry out removal of asbestos containing materials according to the regulations and requirements.
4. PVA sealant will be applied to external surfaces of structures to capture any airborne fibres prior to the demolition process.
5. Water will be applied with the use of misting hoses attached to the construction water outlets.
6. Dust suppression techniques will be employed throughout the duration of works.

46. Tapes and Fastenings

The following types of tapes/fastening are applicable for use in screening up of enclosures:

- **Duct Tape:** Limited application- only suitable for adhering plastic to plastic or plastic to glass. Application where direct sunlight exposure or water occurs should be assessed as tape may fail.
- **Cloth Tape:** Suitable for adhering plastic to plastic and/or woven polyvinyl plastic to smooth masonry surfaces, plastic to dressed timber (other fastening such as staples may be required also), plastic to non-porous floors, plastic to metal surface.

- Aluminium Foil Tape: Suitable for all the above applications, porous masonry surfaces such as Besser Block walls etc. and for moulding into corners to improve seal.
- Double Sided Tape: Suitable for use under plastic to assist in the preparation of plastic billowing when under negative pressure or losing adhesion from another fixing. When multi-layers of plastic are used on floors, it will assist in preventing plastic moving under foot.
- Stapling: If fixing plastic to timber using staples, it is important to have a fibreglass strip or similar material between the staples and the plastic to prevent the plastic tearing away from the staples.

47. Waste Removal

Asbestos waste will not be allowed to accumulate excessively within the work area but will be double bagged or placed in appropriate receptacles as the work proceeds. The following process for bagging waste shall be strictly monitored:

- Controlled wetting of waste will be employed to reduce asbestos dust emission during bag sealing or in case of subsequent rupture of the bag.
- Bags shall only be half filled to ensure weight of asbestos material does not break or tear plastic.
- Bags, which have contained asbestos material, will not be re-used.
- Bags will be twisted tightly, folded over and the neck secured in the folded position with adhesive tape or other effective method.

The external surfaces of plastic wrapped, or bagged asbestos will be cleaned to remove any adhering dust before removal from the work area.

Disposal of Waste: All waste will be transported and tipped at an approved landfill facility.

48. On-Site Containment

Asbestos waste will not be allowed to accumulate excessively or be stored within the work area but will be double bagged or placed in appropriate receptacles as the work proceeds.

Controlled wetting of waste will be employed to reduce asbestos dust emission during bag sealing or in case of subsequent rupture of the bag.

Solid asbestos waste will be collected in heavy duty 200 µm thick polythene bags of maximum size 1200mm in length x 900mm. The bags will be labelled with an appropriate warning statement to the effect that the bag contains asbestos.

Bags, which have contained asbestos material, will not be re-used. Bags marked for asbestos waste will not be used for any other purpose.

Bags will be twisted tightly, folded over and the neck secured in the folded position with adhesive tape or other effective method. The external surfaces will be cleaned to remove any adhering dust before the bags are removed from the work area.

49. Coordination & Documentation

All hazardous material waste movements will be planned & agreed to with the Project Manager with all relevant and required logs and statistics kept. All waste material movements to off-site facilities will be documented, with all disposal documentation, manifests and the like provided to the client on a regular basis.

50. Asbestos Supervision

Supervisory personnel will hold a current licence for Friable Asbestos Removal Supervision or be otherwise recognised by the appropriate authority, as being capable of supervising such work.

It is the responsibility of the Asbestos Supervisor to ensure daily maintenance for decontamination units/chambers and other equipment required onsite for the project, daily logs for equipment are recorded in specific registers that is kept in a location onsite that is accessible.

51. Air – Monitoring Samples

Summary of Air Monitoring reports to be issued daily to Delta where air monitoring is undertaken. This will include sample analysis, GPS location of samples, monitoring weather conditions, instances of elevated fibre counts, including investigation into cause and actions taken to mitigate contamination.

52. Retention of Records

Delta will comply with DITs requirements for the retention of records as per the subcontract, and with any legislative requirements.

53. Licence-Ticket Requirement

All Workers employed by Delta who will be working on site will have completed a minimum CPCCE3015A Remove friable asbestos course prior to starting work at the Leigh Creek site

Delta Personnel	Ticket Requirement
Supervisor	Supervise Friable Asbestos Removal - CPCCE3015A
All Delta onsite Personnel	Friable Asbestos Removal - CPCCE3015A

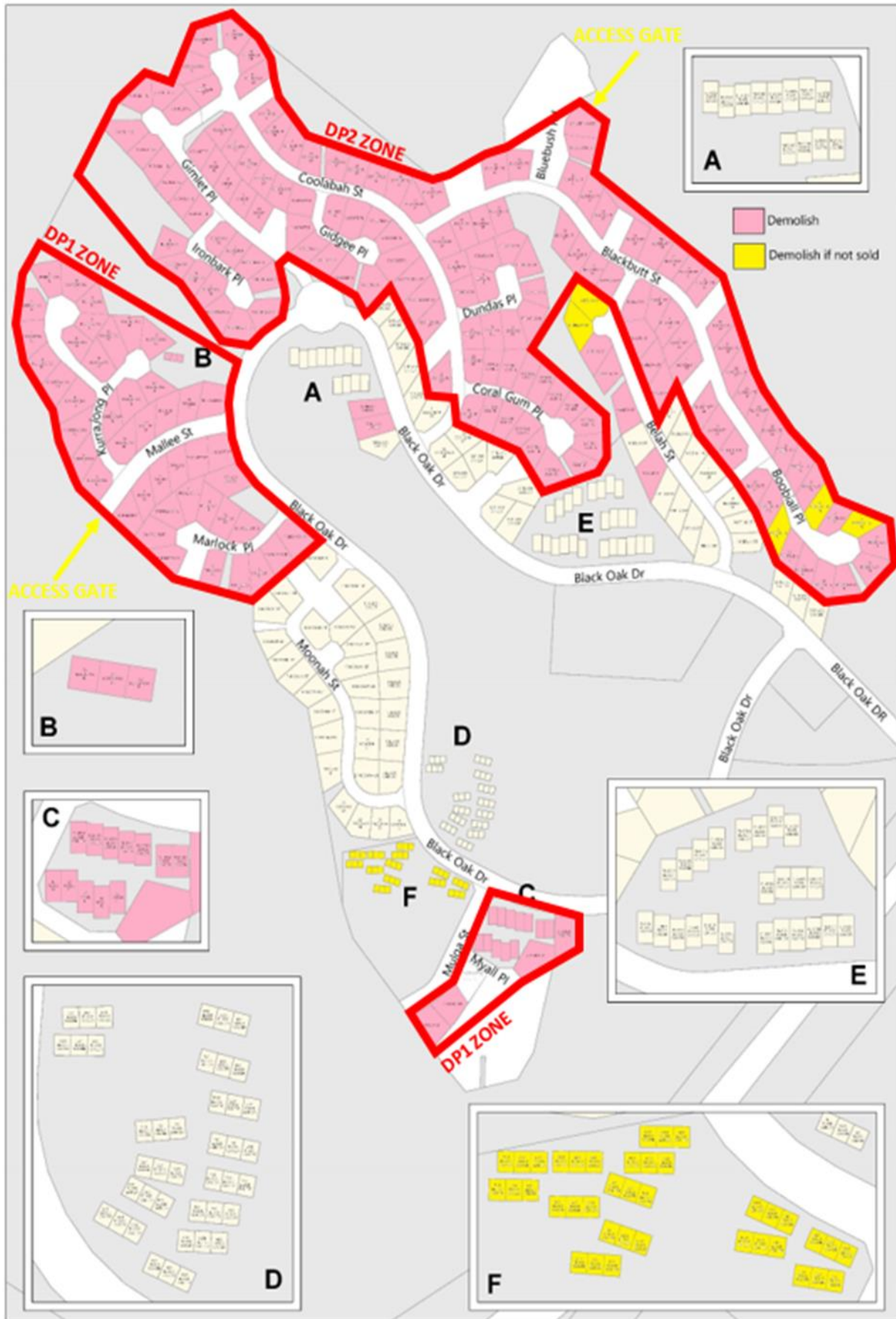
54. ACCEPTANCE OF ASBESTOS PLAN

This Asbestos Plan has been developed and viewed in consultation with the workers and it is read and signed by all persons involved in the plan. If a variation occurs to this Asbestos Plan, then management will communicate and re-induct the change to the work group whilst adjusting the work method accordingly.

I hereby confirm that I have read and understand this Asbestos Plan and I will ensure my work process is completed accordingly.

Project Manager			
Signature			
Date			
Inductee Name	Company/Title	Signature	Date

55. APPENDIX A: DP1 & DP2



56. HAZMAT SURVEY REPORTS