



## Environmental Management System

### Chain Valley Colliery

## Pollution Incident Response Management Plan (PIRMP)

<b>Reviewers</b>	
	L. McWha – Delta Coal Environmental Compliance and Approvals Coordinator
<b>Authorised by:</b>	J. Cornford – Mining Engineering Manager
<b>Date:</b>	20/12/2024

**In the event of responding to a pollution emergency refer to Duty Card 15 kept within the sites Control Room prior to this Pollution Incident Response Management Plan.**

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 1 of 23
DOCUMENT UNCONTROLLED WHEN PRINTED				

## TABLE OF CONTENTS

### Contents

1	Introduction .....	3
1.1	Background .....	3
1.2	Site and Surrounds .....	3
1.3	Consultation .....	3
1.4	Objectives .....	3
1.5	Relationship with other Plans .....	4
2	Regulatory Requirements .....	6
2.1	Legislative Requirements .....	6
2.2	Definition of a Pollution incident terminology .....	8
3	Major Hazards .....	10
3.1	Inventory of Chemicals and Potential Pollution .....	10
4	Management and responsibilities .....	13
4.1	Legal duty to notify .....	13
4.2	PIRMP Management .....	13
5	Incident Management .....	15
5.1	Incident Response Procedure .....	15
5.2	Minimising harm to persons on premise .....	16
5.3	Actions to be taken following a pollution incident .....	16
5.4	Safety and incident response equipment .....	16
6	Notification Procedures .....	17
6.1	Determination of material harm .....	17
6.2	Internal and External Notifications .....	17
6.3	Notification to Local Landholders and Community .....	18
6.4	Complaint Handling .....	19
6.5	Dispute Resolution .....	19
7	Training and Testing .....	20
7.1	Training .....	20
7.2	Testing .....	20
7.3	Availability of the PIRMP .....	20
8	Review, Audit and Document Control .....	21
8.1	Review of PIRMP .....	21
8.2	Auditing .....	21
8.3	Internal Audits .....	21
8.4	External Audits .....	21
8.5	Document information .....	21
8.6	Revisions .....	22
8.7	Records .....	23
8.8	Document Control .....	23
8.9	References .....	23

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 2 of 23

**DOCUMENT UNCONTROLLED WHEN PRINTED**

## 1 Introduction

### 1.1 Background

Under Part 5.7A of the Protection of the Environment Operations Act 1997 (POEO Act), holders of an Environment Protection Licence (EPL) are required to prepare, keep, test and implement a pollution incident response management plan (PIRMP).

Great Southern Energy Pty Ltd (trading as Delta Coal) is the operator of the Chain Valley Colliery (CVC) at Construction Road, Doyalson North, NSW and the holder of EPL 1770. The site location and local context are shown in **Figure 1**. This document is intended to fulfil the requirements for a PIRMP for Chain Valley Colliery under Part 5.7A of the POEO Act.

This PIRMP has been prepared in accordance with the NSW Environmental Protection Authority (EPA) Guidelines: Pollution Incident Response Management Plan (the PIRMP Guidelines) and is part of Delta Coal Environmental Management System.

### 1.2 Site and Surrounds

Chain Valley Colliery is an underground coal mine located at the southern end of Lake Macquarie, approximately 60km south of Newcastle (**Figure 1**). The premises as defined in EPL 1770 comprise two component areas, the Chain Valley Colliery Pit Top Surface Facilities (Pit Top) located approximately 200m from the south-western shore of Chain Valley Bay and the Upcast Ventilation Shaft Compound approximately 2.2km to the northeast of the Pit Top. The premises are located within the Central Coast Local Government Area.

The surrounding area which may potentially be impacted by a pollution incident occurring at CVC, in addition to the premises itself, may include the following:

- Landholders and land users adjacent to the CVC Pit Top and Upcast Shaft, including the Vales Point Power Station and Chain Valley Colliery;
- Downstream watercourses and water bodies (including Wetland Creek, the body of Lake Macquarie, and particularly, Chain Valley Bay); and
- Nearby communities including Kingfisher Shores, Chain Valley Bay, Mannering Park, Summerland Point and Gwandalan.

### 1.3 Consultation

This PIRMP was developed and prepared by Delta Coal's Environmental Compliance and Approvals Coordinator in consultation with Delta Coal site management.

### 1.4 Objectives

The objectives of the PIRMP are to:

- Meet relevant regulatory requirements under the POEO Act;
- Provide direction to CVC personnel (Delta Coal employees, contractors and visitors) in responding to pollution incidents at Chain Valley Colliery;
- Ensure comprehensive and timely communication regarding a pollution incident is provided to relevant personnel at the premises; the EPA; other relevant authorities specified in the POEO (including Central Coast Council, NSW Ministry of Health, SafeWork NSW, and Fire and Rescue NSW) and persons outside the CVC operations who may be affected by the impacts of a pollution incident;
- Minimise and control the risk of a pollution incident at the CVC premises by identifying key risks and planned actions to minimise and manage those risks; and
- Ensure that the plan is properly implemented by trained staff, identifying persons responsible for implementing it.

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 3 of 23
DOCUMENT UNCONTROLLED WHEN PRINTED				

### 1.5 Relationship with other Plans

Other Delta Coal plans and documents relating to pollution hazards, pollution incidents and emergency management which are referred in the PIRMP include:

- Delta Coal Environmental Management System; and
- Delta Coal Emergency Control Plan.

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 4 of 23
DOCUMENT UNCONTROLLED WHEN PRINTED				



Figure 1



Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 5 of 23

DOCUMENT UNCONTROLLED WHEN PRINTED



## 2 Regulatory Requirements

### 2.1 Legislative Requirements

The specific requirements for a PIRMP are set out in Part 5.7A of the POEO Act and POEO (General) Regulation 2022 (POEO [G] Regulation) and requires that:

- Holders of EPLs must prepare a PIRMP (section 153A, POEO Act);
- The PIRMP must include the information detailed in the POEO Act (section 153C) and the POEO (G) Regulation (Section 72) and be in the form required by the POEO (G) Regulation (Section 71);
- Licensees must keep the plan at the premises to which the EPL relates;
- Licensees must test the plan at least every 12 months and within 1 month of any pollution incident occurring in the course of the activity to which the EPL relates; and
- If a pollution incident occurs in the course of an activity so that material harm to the environment is caused or threatened, licensees must immediately implement the plan (section 153F, POEO Act).

**Table 1** lists the information mandated in section 153C of the POEO Act and Section 72 of the POEO (G) Regulation and identifies where this information is located within this PIRMP.

**Table 1 Compliance reference to Information mandated under Section 153C of the POEO Act and Section 72 of the POEO (G) Regulation**

Reference	Detail required	Sections in document
POEO Act S.153C (a)	<i>The procedures to be followed by the holder of the relevant EPL in notifying a pollution incident to:</i> (i) <i>The owners or occupiers of premises in the vicinity of the premises to which the EPL relates, and</i> (ii) <i>The local authority for the area in which the premises to which the EPL relates are located and any area affected, or potentially affected, by the pollution, and</i> (iii) <i>Any persons or authorities required to be notified by Part 5.7 (of the POEO Act).</i>	<b>5 Incident Management</b>
POEO Act S.153C (b)	<i>A detailed description of the action to be taken, immediately after a pollution incident, by the holder of the relevant EPL to reduce or control any pollution,</i>	<b>5 Incident Management</b>
POEO Act S.153C (c)	<i>The procedures to be followed for co-ordinating, with the authorities or persons that have been notified, any action taken in combating the pollution caused by the incident and, in particular, the persons through whom all communications are to be made,</i>	<b>5 Incident Management</b>
POEO Act S.153C (d)	<i>Any other matter required by the regulations</i>	<b>Refer below.</b>

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 6 of 23

**DOCUMENT UNCONTROLLED WHEN PRINTED**

Reference	Detail required	Sections in document
POEO (G) Regulation S. 72 (a)	<i>A description of the hazards to human health or the environment associated with the activity to which the licence relates (the relevant activity),</i>	<b>3 Major Hazards</b>
POEO (G) Regulation S. 72 (b)	<i>The likelihood of the hazards occurring, including details of conditions or events that could, or would, increase the likelihood,</i>	<b>5.1, Table 4 - Delta Coal Hazards and Emergency Response Documentation</b>
POEO (G) Regulation S. 72 (c)	<i>Details of the pre-emptive action to be taken to minimise or prevent a risk of harm to human health or the environment arising out of the relevant activity,</i>	<b>5.4 Safety and Incident Response Equipment</b>
POEO (G) Regulation S. 72 (d)	<i>An inventory of potential pollutants on the premises or used in carrying out the relevant activity.</i>	<b>3.1 Inventory of Chemicals and Potential Pollutants</b>
POEO (G) Regulation S. 72 (e)	<i>The maximum quantity of a pollutant likely to be stored or held at particular locations, including underground tanks, at or on the premises to which the licence relates.</i>	<b>3.1 Inventory of Chemicals and Potential Pollutants</b>
POEO (G) Regulation S. 72 (f)	<i>A description of the safety equipment or other devices used to minimise the risks to human health or the environment and to contain or control a pollution incident,</i>	<b>5.4 Safety and Incident Response Equipment</b>
POEO (G) Regulation S. 72 (g)	<i>98C (1)(g) The names, positions and 24-hour contact details of those key individuals who: (i) are responsible for activating the PIRM plan, and (ii) are authorised to notify relevant authorities under the Act, Section 148 and (iii) are responsible for managing the response to a pollution incident.</i>	<b>4 Management and Responsibilities Table 3.</b>
POEO (G) Regulation S. 72 (h)	<i>The contact details of each relevant authority referred to in the Act, section 148,</i>	<b>6.2 Internal and External Notifications</b>
POEO (G) Regulation S. 72 (i)	<i>Details of the mechanisms for providing early warnings and regular updates to the owners and occupiers of premises near the premises to which the licence relates or where the scheduled activity is carried on,</i>	<b>5 Incident Management</b>
POEO (G) Regulation S. 72 (j)	<i>the arrangements for minimising the risk of harm to persons who are on the premises or who are present where the scheduled activity is being carried on,</i>	<b>5 Incident Management</b>

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 7 of 23

**DOCUMENT UNCONTROLLED WHEN PRINTED**

Reference	Detail required	Sections in document
POEO (G) Regulation S. 72 (k)	<i>A detailed map, or set of maps, showing the location of the premises to which the licence relates, the surrounding area likely to be affected by a pollution incident, the location of potential pollutants on the premises and the location of stormwater drains on the premises,</i>	<b>Figures 1 and 2</b>
POEO (G) Regulation S. 72 (l)	<i>A detailed description of how an identified risk of harm to human health will be reduced, including, as a minimum, by early warnings, updates and the action to be taken during or immediately after a pollution incident to reduce the risk,</i>	<b>5 Incident Management</b>
POEO (G) Regulation S. 72 (m)	<i>The nature and objectives of a staff training program in relation to the PIRM plan,</i>	<b>7.1 Training</b>
POEO (G) Regulation S. 72 (n)	<i>the dates on which the PIRM plan has been tested and the name of the person who carried out the test,</i>	<b>7.2 Testing</b>
POEO (G) Regulation S. 72 (o)	<i>the dates on which the PIRM plan is updated,</i>	<b>8.6 Revisions</b>
POEO (G) Regulation S. 72 (p)	<i>the way in which the PIRM plan must be tested and maintained.</i>	<b>7.2 Testing 7.3 Availability of the PIRMP</b>

## 2.2 Definition of a Pollution incident terminology

The definition of a pollution incident is defined in the POEO Act as:

- *Pollution incident* means an incident or set of circumstances during or as a consequence of which there is or is likely to be a leak, spill or other escape or deposit of a substance, as a result of which pollution has occurred, is occurring or is likely to occur. It includes an incident or set of circumstances in which a substance has been placed or disposed of on premises, but it does not include an incident or set of circumstances involving only the emission of any noise.

A pollution incident is required to be notified if there is a risk of '**material harm to the environment**' as defined in Section 147 of the POEO Act, harm to the environment is material if:

- It involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial; or
- It results in actual or potential loss of property damage of an amount, or amounts in aggregate, exceeding \$10,000 (or such other amount as is prescribed by the regulations).

Loss includes the reasonable costs and expense that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment.

**Emergency** is defined as:

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 8 of 23

**DOCUMENT UNCONTROLLED WHEN PRINTED**

- An emergency is a situation that is developing, or has developed, that poses a threat to life, the environment and property, which necessitates immediate action.

**Immediately** is defined as:

- Promptly and without delay.

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 9 of 23
DOCUMENT UNCONTROLLED WHEN PRINTED				

### 3 Major Hazards

The following major potential hazards to human health and the environment identified for the premises include:

- Unauthorised/unlicensed discharge of contaminated run-off water from surface facilities;
- Off-site or on-site contamination from a major hydrocarbon, effluent or chemical spill;
- Emission of, or exposure to hazardous substances (e.g. asbestos);
- Dam wall or pipelines failure;
- Dust;
- Spontaneous combustion events;
- Uncontrolled fire and/or explosion within boundary or in adjacent plant/property leading to poor air quality (smoke, fume and odour); and
- Flooding within CVC boundaries

The potential environmental hazards occurring at CVC are documented through undertaking a Broad-Brush Risk Assessment (BBRA). The purpose of the risk assessment process is to identify significant environment aspects and impacts, the risk they pose and the controls necessary to effectively manage them. Management of impacts is prioritised according to the level of risk each aspect is assigned.

#### 3.1 Inventory of Chemicals and Potential Pollutants

A Safety Data Sheet (SDS) Register is located in the First Aid Room and lists potential pollutants in the CVC workplace and details the control methods to manage the potential risk posed by exposure, to avoid injury or illness to persons, and damage to the environment and equipment/plant.

An inventory of all chemicals and fuels on-site including SDSs are also available online on the ChemWatch electronic database. **Table 2** and **Figure 2** lists potential pollutants and dangerous goods at the premises, their location and maximum quantities

**Table 2 Potential Pollutants Stored and Handled on the Premises**

Potential pollutant	Location	Maximum quantity
Combustible Fuels	Diesel Shed	1 x 15,900 L above ground tank 1 x 28,000 L above ground tank
Combustible Oils	Bulk Oil Store Shed Self-bunded Container	30,000 L bunded 5,000 L bunded
Waste Oils	Waste Oil	5,000 L bunded
Flammable Gases	Flammable gas storage shed Bath House	1 x 600kg 3x 210kg
Paints and Solvents	Flammable liquid cabinet	1 x 200L Flammable goods store
Cleaning chemicals	Store	300 L
Fire Fighting chemicals	Fire Fighting shed	600L
Coal	Coal stockpile	150kt
Explosives	Underground storage	N/A

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 10 of 23
DOCUMENT UNCONTROLLED WHEN PRINTED				

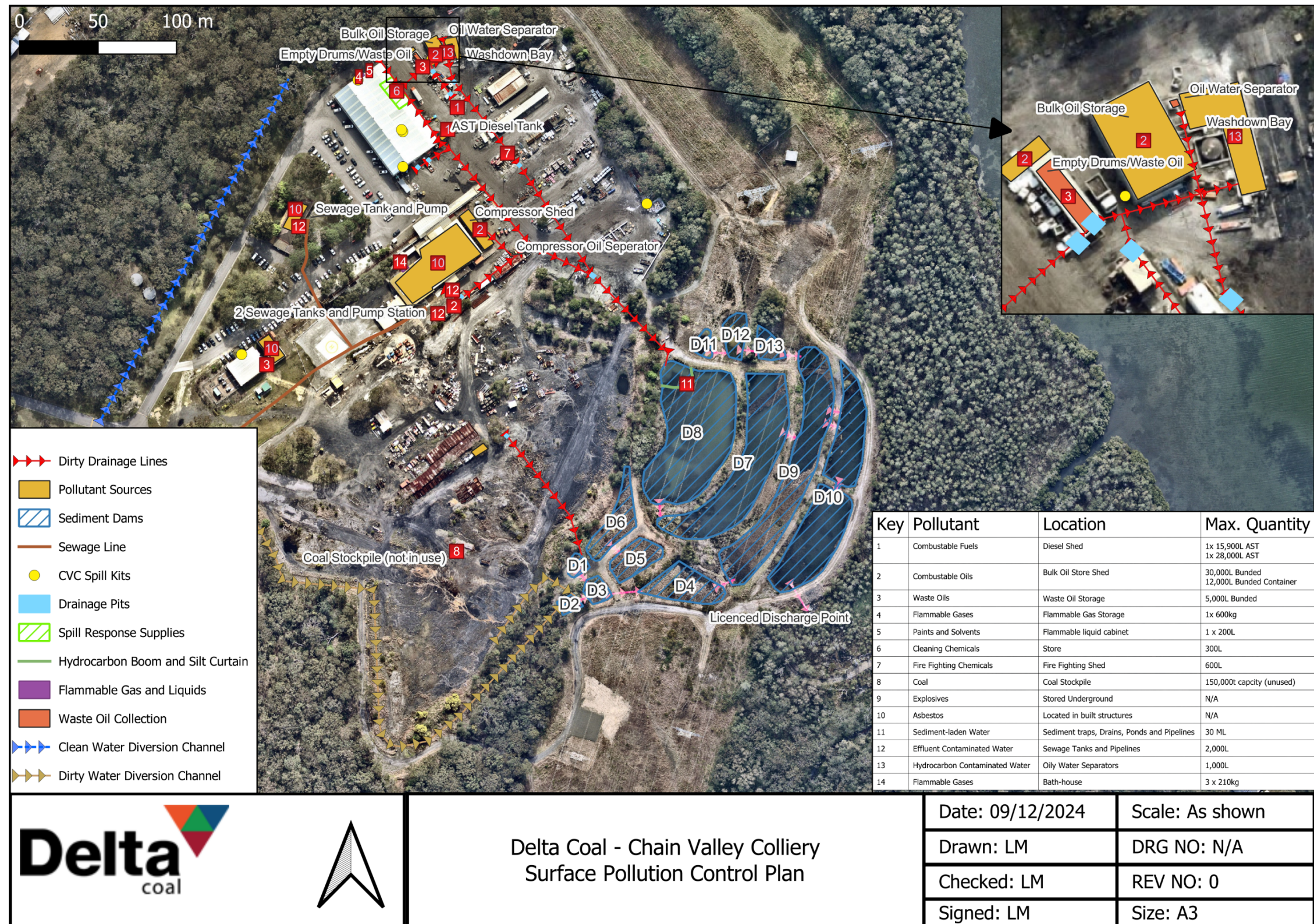
Potential pollutant	Location	Maximum quantity
Asbestos	Located in built structures	TBD
Sediment-contained water	Sediment traps, drains, ponds and pipelines	30 ML
Effluent-laden water	Sewerage Tanks and pipelines	17 kL
Hydrocarbon-contaminated water	Oily Water separators	1 kL

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 11 of 23

**DOCUMENT UNCONTROLLED WHEN PRINTED**



Figure 2



Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 12 of 23

DOCUMENT UNCONTROLLED WHEN PRINTED



## 4 Management and responsibilities

### 4.1 Legal duty to notify

All CVC employees and contractors are responsible for immediately alerting their supervisor to all environmental incidents or hazards which may result in environmental harm, regardless of the nature or scale of such incident or hazard. Notification responsibilities are detailed in the POEO Act (Section 148), which encompasses all site personnel, including contractors and sub-contractors. These can be categorised broadly as:

- The duty of an employee or any person undertaking an activity:
  - Any person engaged as an employee or undertaking an activity (at CVC) must, immediately after becoming aware of any potential incident, notify their direct supervisor of the incident and provide all relevant information. This is to be undertaken as per Section 8.2.
- The duty of the employer or occupier of a premises:
  - An employer or occupier of the premises on which the incident occurs, who is notified (or otherwise becomes aware of) of a potential pollution incident related to its activities, must notify each relevant authority of any “material harm incidents”, including all relevant information.

### 4.2 PIRMP Management

All employees and contractors of CVC are responsible for environmental management. However, various positions in the organisation have roles, responsibilities and authorities for managing environmental aspects, action plans, emergencies, programs and controls.

Roles and responsibilities specific to completing the requirements of this PIRMP are identified in **Table 3**.

**Table 3 PIRMP Management Responsibilities and Contact Details**

Name	Contact Details	Position	Responsibility
Joshua Cornford	Work: 02 4358 0807 Mob: 0422 915 380 <a href="mailto:Jcornford@deltacoal.com.au">Jcornford@deltacoal.com.au</a>	Mining Engineering Manager	Authorisation of the PIRMP Reporting of significant environmental incidents as required in this plan in the absence of the Environmental Compliance and Approvals Coordinator Delegation and provision of resources to allow environmental risk mitigation strategies to be implemented Delegation of duties during the absence of the Environmental Compliance and Approvals Coordinator Managing the response to any pollution incidents as required in this plan in the absence of the Environmental Compliance and Approvals Coordinator

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 13 of 23

**DOCUMENT UNCONTROLLED WHEN PRINTED**

Name	Contact Details	Position	Responsibility
Lachlan McWha	Work: 02 4358 0883 Mob: 0420 525 270 <a href="mailto:LMcWha@deltacoal.com.au">LMcWha@deltacoal.com.au</a>	Environmental Compliance and Approvals Coordinator	Administration, maintenance and implementation of the PIRMP Reporting of significant environmental incidents as required in this plan Regulatory and community liaison Registration of community complaints and regulatory liaison Providing environmental training and information in accordance with this Plan Auditing the effectiveness of the PIRMP Internal incident investigation and reporting / recording Provide advice on the response to any pollution incidents as required in this plan
Nicholas Van Bezouwen	Work: 4358 0813 Mob: 0434 181 077 <a href="mailto:NVanBezouwen@deltacoal.com.au">NVanBezouwen@deltacoal.com.au</a>	Environment & Community Officer	Internal incident investigation and reporting/ recording Provide advice on the response to any pollution incidents as required in this plan
Byron Botha	Work: 02 4358 0880 Mob: 0434 510 513 <a href="mailto:Bbotha@deltacoal.com.au">Bbotha@deltacoal.com.au</a>	Health, Safety and Training Manager	Facilitate site personnel in implementation of the PIRMP Communication of the PIRMP to site personnel in consultation with the Environmental Compliance and Approvals Coordinator Facilitate in training site personnel in implementing the PIRMP
Various personnel in the 24hr site role	Work: 4358 0822	Surface Competent Person / Control Room Operator	Responsible for undertaking internal notifications as defined in this PIRMP. Responsible for coordinating the response to a pollution incident in consultation with the Environment and Approvals Coordinator. Facilitate site personnel in implementation of the PIRMP. Communication of the PIRMP to site personnel.

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 14 of 23

**DOCUMENT UNCONTROLLED WHEN PRINTED**

## 5 Incident Management

### 5.1 Incident Response Procedure

All possible actions should be taken to control the pollution incident in order to minimise health, safety and environmental consequences. These actions, to the maximum extent possible, aim to:

- Provide for the safety of people at and within the vicinity of the site, and
- Contain the pollution incident.

The actions to be implemented at the Chain Valley Colliery on the occasion of an incident include the following:

1. Secure the scene and contain the incident
2. Immediately notify the relevant managers and implement external notifications as appropriate and defined in this plan
3. Gather information (i.e. environmental monitoring, context)
4. Determine the investigation level
5. Commence appropriate investigation
6. Review and classify information and determine actions
7. Complete actions
8. Trend analysis reports.

**Duty Card 15** documents the role of the Pollution Incident Attendant and their main responsibilities in the event of pollution incident. Duty Card 15 is contained within a folder of the CVC Control Room and contains; CVC and MC site plan, pollution incident stakeholder contact procedure, emergency external contacts list.

The Emergency Control Plan provides detail on designated evacuation points and procedures in the event of an emergency.

**Table 4 Delta Coal Hazards and Emergency Response Documentation**

Hazard	Delta Coal Emergency Management
Spills (e.g. hydrocarbon, hazardous chemicals, etc.) resulting in land and or water contamination.  Probability (refer: FRM 00043 – Risk Matrix) – Possible.	Duty Card 15 – Pollution Incident Attendant
Major Effluent Leak, malfunction or failure of sewerage infrastructure.  Probability (refer: FRM 00043 – Risk Matrix) – Possible.	Duty Card 15 – Pollution Incident Attendant

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 15 of 23

**DOCUMENT UNCONTROLLED WHEN PRINTED**

Major water discharge (e.g. dam failure or inrush).  Probability (refer: FRM 00043 – Risk Matrix) – Possible. Increased risk during major storm events.	Withdrawal Conditions (Underground) Emergency Control Plan Duty Card 15 – Pollution Incident Attendant
Fire (for example spontaneous combustion fires associated with coal stockpiles).  Probability (refer: FRM 00043 – Risk Matrix) – Possible.	Withdrawal Conditions (Underground) Emergency Control Plan Fire or Explosion Management Plan Duty Card 15 – Pollution Incident Attendant

Delta Coal has limited authority to undertake pollution management activities on private property, or outside the site boundary and in such cases will liaise directly and provide appropriate assistance to the relevant authority and emergency services

## 5.2 Minimising harm to persons on premise

Emergency arrangements in relation to activation of evacuation procedures and notifying site personnel will be undertaken in accordance with the Delta Coal Emergency Control Plan.

## 5.3 Actions to be taken following a pollution incident

Immediate actions to be undertaken following a Pollution Incident are detailed in Duty Card 15.

## 5.4 Safety and incident response equipment

Controls of incident containment and control equipment and personal protective equipment (PPE) and are stored on site and are detailed in the risk assessment documents, this includes but is not necessarily limited to:

- Emergency spill kits;
- Portable pumping infrastructure;
- Earth moving plant;
- Floating booms and silt curtains; and
- Erosion and sediment control materials.

This equipment includes PPE for handling hazardous substances. Hazardous substances should be handled in accordance with the SDS.

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 16 of 23

**DOCUMENT UNCONTROLLED WHEN PRINTED**

## 6 Notification Procedures

### 6.1 Determination of material harm

Following containment of the incident, immediate action must be taken to determine if the incident could be classified as a **'material harm incident'**, i.e. considered to be causing or threatening material harm. As defined by Section 147 of the POEO Act, a material harm **incident** has occurred if the incident:

involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial; or results in actual or potential loss (including all reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment) or property damage of an amount, or amounts in aggregate, exceeding \$10,000.00 (or such other amount as is prescribed by the regulations).

The determination of a material harm incident will be made by the Mining Engineering Manager in consultation with the Environmental Compliance and Approval Coordinator.

It is possible for a material harm incident to occur on land that is within the boundary of the EPL.

### 6.2 Internal and External Notifications

In the event that a pollution event is determined to constitute a Material Harm Incident as defined in Section 4, external reporting is to be undertaken by a site-authorised individual as identified in Duty Card 15.

The pollution incident must be verbally reported immediately in accordance with the POEO Act.

As per the guidance provided by the EPA, the decision on whether to notify the incident in accordance with Part 5.7 of the POEO Act should not delay immediate actions to provide the safety of people or contain a pollution incident. However, incident notification is to be made as soon as it is safe to do so.

The following authorities are to be notified in the order identified in **Table 5**.

**Table 5 Contact details of Authorities**

Agency	Contact details
Fire and Rescue	000 (to be contacted first if fire or rescue services are required, otherwise contact last on 1300 729 579) info@fire.nsw.gov.au
Environment Protection Authority	131 555 Record the EPA Notification number for reference in all related correspondence info@epa.nsw.gov.au
NSW Ministry of Health	(02) 4320 9730 / (02) 43202111(ah) and ask for Public Health Officer on call If unavailable - phone 1300 066 055 to be diverted to the local Public Health Unit MOH-GIPA@health.nsw.gov.au

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 17 of 23

**DOCUMENT UNCONTROLLED WHEN PRINTED**

Agency	Contact details
SafeWork NSW (formerly WorkCover)	131 050 contact@safework.nsw.gov.au
Central Coast Council	(02) 4350 5555 (office & after hours) ask@centralcoast.nsw.gov.au
Department of Planning, Housing and Infrastructure.	1300 305 695 compliance@planning.nsw.gov.au
NSW Resources Regulator	(02) 4931 6666 nswresourcesregulator@service-now.com
Other stakeholders	Refer to stakeholder database

External Authority contact details are also identified in the Duty Card 15 which is located in the CVC Control Room. Other authorities such as the Department of Climate Change, Energy, The Environment and Water–Biodiversity Conservation Division (BCD) may also be notified depending on the circumstances of the pollution event.

Written details of the pollution incident must be provided within 7 days of the incident as per EPL 1770 and development consent Schedule 6, condition 7. Reportable incidents will trigger actions including providing written reports and also reviewing the PIRMP.

### 6.3 Notification to Local Landholders and Community

Communication with local landholders and the community may be undertaken depending on the circumstances of the pollution incident. Community notification shall be undertaken at the determination of the Mining Engineering Manager (or the next most senior mine official if the Mining Engineering Manager is unavailable) in consultation with the Environmental Compliance and Approvals Coordinator and in accordance with the Pollution Incident Procedure for Stakeholder Contact (PRO 00224). A copy of PRO 00224 is appended to Duty Card 15 and is also available on the server.

Relevant community and stakeholder contacts are retained on the Pollution Incident – Stakeholder Contact Form attached to Duty Card 15.

The following mechanisms may be used as required to provide early warnings and/or updates to the community on a pollution incident occurring on the CVC site.

- Direct phone contact with any local residents or landholders impacted by the pollution incident, or who may be impacted by the pollution incident within the next 24 hours;

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 18 of 23

**DOCUMENT UNCONTROLLED WHEN PRINTED**

- Letterbox drops and door knocking;
- Emails to Community Consultative Committee (CCC) members;
- Notification on the CVC website ([www.deltacoal.com.au](http://www.deltacoal.com.au));
- Media statements;
- Press advertisements; or
- Other strategies deemed appropriate.

Information provided to the community will be relevant to the incident and may include the following:

- Type of incident that has occurred, when, pollutant involved;
- Where impacts may occur;
- Response initiated;
- Advice or recommendations as to actions to be undertaken based on the incident type and scale; and
- Where to get up-to-date information.

#### 6.4 Complaint Handling

Delta Coal has a 24-hour telephone hotline (1800 687 260) for members of the public to lodge complaints, raise concerns, or to raise issues associated with the operation. This service aims to promptly and effectively address community concerns and environmental matters.

The full details of the complaints line are covered in the Environmental Management Strategy, but in summary, all complaints are recorded and responded to, if for some reason no action is taken then the reason why is recorded. The information recorded in the complaint register includes:

- Date and time the complaint was lodged;
- Personal details provided by the complainant;
- Nature of the complaint;
- Action taken or if no action was taken, the reason why; and
- Follow up contact with the complainant.

#### 6.5 Dispute Resolution

If any disputes are not adequately addressed by the complaints handling process then they will be handled by the site Environmental Compliance and Approvals Coordinator, if the response of Chain Valley Colliery is not considered to satisfactorily address the concern of the complainant, a meeting will be convened with the Mining Engineering Manager together with the Environmental Compliance and Approvals Coordinator and complainant to determine any further options to resolve the dispute.

If no agreed outcome is determined or the complainant is still not satisfied by the action taken, then an Independent Review may be requested by the complainant. If determined to be warranted by the Planning Secretary, an Independent Review will be undertaken in accordance with the requirements of the Project Approval to achieve an outcome to the satisfaction of the Secretary.

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 19 of 23
DOCUMENT UNCONTROLLED WHEN PRINTED				

## 7 Training and Testing

### 7.1 Training

Delta Coal will implement the PIRMP by training or providing information in relevant areas of the Plan to all employees and contractors to assist in relevant worker awareness of the pollution incident response expectations and responses. Delta Coal employees and contractors receive emergency preparedness and response training during their site familiarisation induction. Training tools adopted depend on the audience being targeted and include toolbox talks, formal training on incident management and undertaking simulated incident exercises.

Information on the PIRMP will also be provided in the surface induction for CVC. The inductions undertaken by employees and contractors are kept in a personnel folder. The training records are maintained on an electronic data base.

### 7.2 Testing

The testing of the PIRMP will be undertaken annually to maintain compliance with the statutory requirements, identify opportunities for improvement in the plan and check that the information is accurate and current and that the plan is capable of being implemented in a workable and effective manner.

Testing will be coordinated by the site's Environmental Compliance and Approvals Coordinator and undertaken as either:

1. A desktop review; or
2. A practical environmental emergency drill/simulation.

Information to be retained regarding PIRMP testing includes:

- The manner in which the test was undertaken;
- Dates when the plan has been tested;
- The person who carried out the testing; and
- The date and description of any update of or amendment to the plan.

### 7.3 Availability of the PIRMP

A copy of the PIRMP shall be kept in written form at CVC (EPL premises) and shall be made available to all personnel responsible for implementing the plan, and to an EPA authorised officer on request.

The PIRMP will be made publicly available within 14 days of finalisation via the CVC website, in a prominent position and on a publicly available page.

No personal information (within the meaning of the *Privacy and Personal Information Protection Act 1998*) will be made publicly available as part of the PIRMP.

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 20 of 23

DOCUMENT UNCONTROLLED WHEN PRINTED



## 8 Review, Audit and Document Control

### 8.1 Review of PIRMP

A review of the PIRMP will occur every 12 months, within one month from the date of any pollution incident that occurs in the course of an activity to which the EPL relates and triggers the PIRMP, or following a test of the plan.

The review will be undertaken in light of the incident or test, to ensure the information included in the plan is accurate and up to date and the plan is still capable of being implemented in a workable and effective manner. The review will also include an examination for any legislative, development consent and/or EPL condition changes.

- Records will be kept in accordance with the site's Document Control Standard. Information to be retained regarding PIRMP testing includes the:
- Manner in which the test was undertaken;
- Dates when the plan has been tested;
- Person(s) who carried out the testing; and
- Date and description of any update of or amendment to the plan.

### 8.2 Auditing

Internal and external audits of this document will be carried out as described below. Internal and external audits shall be objective and if possible be conducted by a person or organisation independent of the document being audited.

Audits shall be carried out by personnel who have the necessary qualifications and experience to make an objective assessment of the issues. The extent of the audit, although pre-determined, may be extended if a potentially serious deviation from this document is detected.

Any audit non-conformances and/or improvement opportunities will have corrective and preventative actions implemented to avoid recurrence, these actions will then be loaded into the site incident database to ensure the actions are assigned to the relevant people and completed.

### 8.3 Internal Audits

Internal audits of this document and all other Environmental Management System documents are to be undertaken every three years. Improvements from the audit are to be incorporated in the site action database to ensure the actions are assigned to the relevant people and completed.

### 8.4 External Audits

External audits will be conducted utilising external specialists and will consider the document and related documents. External auditors shall be determined based on skills and experience and upon what is to be accomplished. External audits will be periodically at a frequency determined by the site Mining Engineering Manager, or in response to significant environmental incidents for which a systems failure has been determined as a contributor to the incident.

An Independent Environmental Audit will be undertaken every three years (or as otherwise required by the Department of Planning, Industry and Environment) by an audit team whose appointment has been endorsed by the Planning Secretary.

Any actions arising from external audits will be loaded into the site actions database to ensure the actions are assigned to the relevant people and completed.

### 8.5 Document information

For a complete list of document properties, select **View Properties** from the document's context menu in M Files.

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 21 of 23
DOCUMENT UNCONTROLLED WHEN PRINTED				

**Table 6 Document Information**

Property	Comment
Approved By	Joshua Cornford – Mining Engineering Manager
Document Owner	Lachlan McWha - Environmental Compliance and Approvals Coordinator
Effective Date	20/12/2024
Keywords	Pollution, Incident, response, spill, emergency, environment

## 8.6 Revisions

Full details of the document history are recorded in the document control register, by version. A summary of the current changes is provided in **Table 7**.

**Table 7 Change Information**

Version	Date	Review team (consultation)	Change Summary
1.1	17/7/2014	Shaun McDonnell Chris Ellis	PIRMP contained in Emergency Management Plan
1.2	04/06/2018	Wade Covey Shaun McDonnell	PIRMP contained within Emergency Control Plan
2.0	21/09/2018	Dave McLean Wade Covey Bob Corbett Chris Armit	Transfer Document from being managed within Delta Coal Emergency Management System to a separate CVC PIRMP document
2.1	31/05/2019	David McLean Jessica Bowditch Chris Armit	Update for Delta Coal personal contacts and complaint phone number
3	23/07/2019	Nena Lane-Kirwan Chris Armit	Updated inventory of Chemicals and Potential Pollutants
4	29/06/2020	Lachlan McWha Dave McLean	Update for organisational changes and document owner
5	15/12/2021	Lachlan McWha Mal Yule	Update for EPL 1770 review in September 2021, organisational changes, pollutant sources removed from site, site figures and annual review.
6	29/12/2022	Lachlan McWha	Annual review of PIRMP, administrative updates.
7	18/12/2023	Lachlan McWha Joshua Cornford	Update for organisational role changes and site contacts.
8	20/12/2024	Lachlan McWha	Annual Review of PIRMP, administrative updates, site figures and hazardous quantities/storage locations reviewed.

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 22 of 23

**DOCUMENT UNCONTROLLED WHEN PRINTED**

### 8.7 Records

Generally the Environmental Compliance and Approvals Coordinator will maintain all Environmental Management System records, which are not of a confidential nature. Records that are maintained will include:

- Monitoring data and equipment calibration;
- Environmental inspections and auditing results;
- Environmental incident reports;
- Complaints management; and
- Licences and permits.

All records are stored so that they are legible, readily retrievable and protected against damage, deterioration and loss. Records will be maintained for a minimum of four years or as otherwise required under any legislation, licence, lease, permit or approval.

### 8.8 Document Control

This document and all others associated with the Environmental Management System shall be maintained in a document control system which follows the site Document Control Standard and available to all personnel.

Any proposed change to this document will be via the document control administrator who is the only person able to access the controlled documents.

### 8.9 References

- Environmental Protection Licence (EPL) 1770
- Chain Valley Colliery Environmental Management System
- Delta Coal Emergency Control Plan
- Delta Coal Duty Card 15 – Pollution Incident Attendant
- Withdrawal Conditions TARP
- Chain Valley Fire or Explosion Management Plan
- PRO 00224 – Pollution Incident – Stakeholder Contact Procedure

Review Date	Next Review Date	Revision No	Document Owner	Page
20/12/2024	31/12/2025	8	Environmental Compliance and Approvals Coordinator	Page 23 of 23
DOCUMENT UNCONTROLLED WHEN PRINTED				