



Incident No(s):

10

Incident Name:

HERNES OAK - MCDONALDS TRACK

Sustainability
and environment

SAFETY

NEW MESSAGES

CRUCIAL MESSAGES

Be aware of location of High Voltage Powerlines within fire line.

FATIGUE

ALL staff are reminded to manage fatigue. Make sure you are getting adequate rest between shifts, take breaks regularly and two rest days between deployments wherever possible. Manage fatigue by taking regular breaks maintaining the intake of food and water, rotate tasks over the course of a shift.

VEHICLE OPERATION

Vehicle accidents are now presenting as our most common cause of incident and sprains and strains the most common type of injury. This nature of incident/injury are generally the manifestation of fatigue. Concentration is diminished and less care is taken. Please ensure that all personnel are adhering to fatigue management guidelines and rotating regularly.

HEAT STRESS AND HYDRATION

Heat related illness has also been experienced across all parts of the state. It is critical to the ongoing wellbeing of our people that hydration guidelines are followed and electrolyte drinks are rotated with water. The consumption of high sugar and dairy drinks during exertion and in high heat can be detrimental.

The forecast conditions will put further pressure on already stretched resources, please ensure you are monitoring the wellbeing of those around you and report any concerns up to your supervisor early, don't wait until a problem is too late to treat.

HAZARDOUS TREES

Do not park in the vicinity of trees that may drop limbs or fall. Every time you get out of the vehicle **LOOK UP!!!**

Be aware of the hazards exposed by large hazardous trees, even if they have not been affected by recent fire.

Be aware of previously burnt areas of the fireground where trees may have been affected by fire.

Obtain local advice on identifying vegetation types that pose a hazard

TRAFFIC MANAGEMENT

There will be an increased amount of fire service, utility and private vehicles entering the fireground as the **RECOVERY** process commences.

OTHER

IMT's are to ensure that constant communication of weather and wind changes is communicated frequently to the fire ground.

Ensure that you receive regular updates on weather or wind changes to enable firefighters/personnel to access safe areas in a timely manner

Consideration should be given for the use of air attack and the use of heavy plant machinery which is fitted with 'fall on' and 'rollover' protection.

Continual reinforcement of the reassessment of risks through dynamic risk assessment processes and the identification of safe fall back areas is crucial in the planning for firefighters on the fireground.



Incident No(s):	10	Incident Name:	HERNES OAK - MCDONALDS TRACK
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MEDICAL PLAN / EVACUATION PROCEDURES

AT THE START OF EACH SHIFT:

1. Qualified First Aiders to be identified in each crew.
2. Ensure First Aid kits are in each vehicle and all personnel have appropriate PPE and consumables.
3. All Hazards, Incidents and Near Misses must be reported.
4. Fire OH&S Incident Report Cards are available from from Strike Teams leaders or Logistics Unit..
5. Review the information below.

FOR MINOR INJURIES:

1. Report all injuries to your Crew Leader / Supervisor immediately, including completion of a Fire OH&S Incident Report Card.
2. Fire OH&S Incident Report Cards are to be passed up the chain of command to the Logistics Officer / Medical Unit Leader asap.
3. The Crew Leader / Supervisor and a qualified First Aider should assess the injury and decide how it should be managed.
4. First Aid providers are on hand at the for minor treatments between 00:00 and 00:00 hrs.

FOR MAJOR INJURIES:

IN AN EMERGENCY CALL: OPERATIONS UNIT (AS PER COMMS PLAN)



1. Assess the situation and ensure all personnel are safe from further injury.
2. First Aider to provide assistance as necessary.
3. Contact your Crew Leader / Supervisor and provide them with the details of the incident.
4. Critical information required:
 - o The nature of the injury
 - o The condition of the patient (Conscious / Unconscious)
 - o The location (Track Name / Grid Reference)
 - o The name of the person coordinating at the scene
 - o *Do Not Use the Name of the Injured Person on Conventional Radio*
5. Crew Leader / Supervisor to inform Sector Commander, who passes information up the chain of command to Operations Officer.
6. As the Coordinator of the response to all major injuries, Ambulance Victoria will arrange for the transportation and treatment of the patient with the assistance of the Operations and Medical Units.
7. All injuries are to be reported to your crew leader immediately, including completion of a Fire OH&S Incident Report Card.

WELFARE:

For any support required - including emergency counselling, contact the Logistics Officer / Medical Unit Leader.

**DSE/NEO Employee Assistance Program: 1300 360 364 and Peer Support 0408
006 764, 24hr Hotlines.**

CFA Critical Incident Stress: (03) 9262 8701, 24hr Hotline.

	Incident Details		Plan No:	Date:	19/02/2014	Shift:	Day	Approved by:	Barry Foss	
	Incident No (s):					Incident Name:	Latrobe Valley Coal Mine Fire			



SAFETY

NEW MESSAGES:

1. Until further notice personnel are only permitted to operate on the mine batters when the following conditions are adhered to-
 - Must have a personal Carbon Monoxide Detector (CO) with the crew
 - Report CO readings every hour on channel 219
2. All personnel undertaking fire suppression at ground level, must:
 - wear P2 Masks
 - Must have a personal Carbon Monoxide Detector (CO) with the crew
 - Report CO readings every 15 minutes
3. All personnel entering the site are prohibited from smoking for the duration of their shift. (Refer to No-Smoking Direction document)
4. Hazelwood and Yallourn Division personnel are to undertake health monitoring for CO prior to entering the mine and immediately prior to exiting the mine. Personnel are not to leave the site until health monitoring has been completed. The COHb reading must be below 5% before any work can be undertaken – see Carbon Monoxide Exposure Management (Refer to Medical Plan and CO Mitigation Cycle Flow Chart). Any person with a COHb reading above 5% must be treated and not returned to work in the mine without clearance from health staff.
5. At any time a carbon monoxide reading of 75ppm or greater is recorded, CABA must be immediately donned or workers must withdraw from this area. This must be immediately reported to DivComm.
6. "Any members with Respiratory disorders, Asthma, Cardiac conditions, Diabetes, High blood pressure, or if pregnant, are **NOT** to be tasked to Latrobe Valley Coal Mine Fires.
7. Female Firefighters – State emergency agencies have received medical advice from the MFB and CFA Medical Officers and the Deputy Regional Health Commander at the Incident Management Team at Hazelwood that there is a risk to the foetus of pregnant women exposed to high levels of concentrations of Carbon Monoxide potentially present at this incident. Health and Safety is the State emergency agencies highest priority and because of this risk any female fire-fighter who is pregnant or there is any chance that they may be pregnant, should not attend this incident due to the increased potential exposure to carbon monoxide. Female firefighters should seriously consider this advice.
8. Advice from Scientific Officer; Carbon enriched environments can cause higher rates of sunburn. Crews are encouraged to be sun safe & use sunscreen.
9. Adhere to safe driving practices. (attached)
10. Crews to be aware of where they are working. DO NOT work under power lines and consider everything as live.
11. Be aware of poor visibility and increased risk of plant / pedestrian interaction
12. ON arrival at staging / catering areas ensure transition into clean areas via cleaning stations before presenting for health observation.
13. Headlights and flashing roof lights to be used at all times.
14. Night shifts beware of inversion layers trapping smoke and CO within the mine.
15. All personnel to wash hands prior to eating or entering food service area and after using toilet. Good hygiene is critical especially after working in mine area.

MANDATORY USE OF OHS INCIDENT REPORT CARDS

- 1. Complete an OHS Incident Report Card (Salmon Card)**
- 2. Give it to your supervisor at the event to sign**
- 3. Hand it in to the Medical Services Unit / Logistics Officer to have it logged onto the relevant system.**

	Incident Details	Plan No:	Date:	19/02/2014	Shift:	Day	Approved by:	Barry Foss	
	Incident No (s):	Incident Name:		Latrobe Valley Coal Mine Fire					

MEDICAL PLAN / EVACUATION PROCEDURES

AT THE START OF EACH SHIFT:

1. Qualified First Aiders to be identified in each crew.
2. Ensure First Aid kits are in each vehicle and all personnel have appropriate PPE and consumables.
3. All Hazards, Incidents and Near Misses must be reported.
4. Fire OH&S Incident Report Cards are available from the ICC
5. Review the information below.

FOR MINOR INJURIES:

1. Report all injuries to your Crew Leader / Supervisor immediately, including completion of a Fire OH&S Incident Report Card.
2. Fire OH&S Incident Report Cards are to be passed up the chain of command to the Logistics Officer / Medical Unit Leader ASAP.
3. The Crew Leader / Supervisor and a qualified First Aider should assess the injury and decide how it should be managed.
4. First Aid providers are on hand at the staging area for minor treatments 24 hours.
5. EMR responders on site at Yallourn providing First Aid coverage

FOR MAJOR INJURIES:

IN AN EMERGENCY CALL: OPERATIONS Channel 175 **(AS PER COMMS PLAN)**

1. Assess the situation and ensure all personnel are safe from further injury.
2. First Aider to provide assistance as necessary.
3. Contact your Crew Leader / Supervisor and provide them with the details of the incident.
4. Critical information required:
 - The nature of the injury
 - The condition of the patient (Conscious / Unconscious)
 - The location (Track Name / Grid Reference)
 - The name of the person coordinating at the scene
 - *Do Not Use the Name of the Injured Person on Conventional Radio*
5. Crew Leader / Supervisor to inform Sector Commander, who passes information up the chain of command to Operations Officer.
6. As the Coordinator of the response to all major injuries, Ambulance Victoria will arrange for the transportation and treatment of the patient with the assistance of the Operations and Medical Units.
7. All injuries are to be reported to your crew leader immediately, including completion of a Fire OH&S Incident Report Card.



WELFARE:

For any support required – including emergency counselling, contact the Logistics Officer or Medical Unit Leader.

DSE/NEO: Employee Assistance Program (24hr Support Line) - 1300 360 364; 24hr Peer Support - 0408006764.

CFA: Critical Incident Stress and Health Support Team (24hr Support Line) - (03) 9262 8701.

MFB: Contact Peer Support – (03) 9665 4405, 0407 665 174

	Incident Details	Plan No:	Date:	19/02/2014	Shift:	Day	Approved by:	Barry Foss	
	Incident No (s):	Incident Name:			Latrobe Valley Coal Mine Fire				

Carbon Monoxide Exposure Management

Background

To support the site health surveillance program, continuous monitoring of Carbon monoxide levels is being undertaken. One member of each operational Fire Appliance is wearing a CO monitor. Members of Hazelwood mining and power station employees are also monitoring CO in their work areas. Results are being recorded by DIVCOMM and Hazelwood OHS respectively.

In addition, positional monitors (AreaRAEs) are continuously monitoring CO, Oxygen, Volatile Organic Compounds, Flammability and Hydrogen sulphide levels throughout the site, including administration areas. These monitors are deployed in areas of concern and results are transmitted wirelessly to the HazMat Team in the Staging Area for continuous surveillance and risk assessment.

The Scientific Advisor will advise the HazMat Sector Commander when and where zone classifications need to be changed.

HazMat Technicians are also monitoring CO throughout the Morwell community.

Table 1: Safety Zones and Action Levels – Operational Areas

The purpose of the following zones is to minimise the risk of personnel exceeding the biological exposure limit of 5% Carboxyhaemoglobin.

Zone	CO Concentration (ppm)	Exposure Management
	9	DoH and EPA should be consulted for guidance
Warm - Unrestricted	<30	At this level firefighters/workers are permitted to work in standard PPE, including P2 respirator, standard work hours, and undergo health surveillance as per site procedure.
Warm – Protective Action	30-50	As per site SCBA, crew rotation procedure
	>50	As per site procedure for essential works

Reference: SafeWork Australia Occupational Exposure Standards, Health and Safety Information System.

Cold Zone - Community Health Limits

Government of Australia, Department of Environment and Heritage recommend the ambient air CO level be kept below 9 ppm and persons not exceed this level for more than 8-hours in one year. DoH and EPA should be consulted for guidance.

EXPOSURE TO CARBON MONOXIDE

Smoke and the production of other toxic products are inherent in bush and other types of fires. The current fire at the Morwell open cut coal mine is producing smoke and also Carbon Monoxide due to the incomplete burning of the coal. Agencies are to ensure that appropriate mitigation measures are employed to address this risk.

Exposure to Carbon Monoxide can pose higher levels of risk to specific personnel and the following advice has been provided by the SCC OHS advisor.

General Health Issues

Individuals who have a history of cardiovascular or respiratory conditions should not be deployed to this incident. This is due to the increased sensitivities that might be attributable from increased carbon monoxide levels in the open cut fire.

Female Firefighters

State emergency agencies have received medical advice from the MFB and CFA Medical Officers and the Deputy Regional Health Commander at the Incident Management Team at Hazelwood that there is a risk to the foetus of pregnant women exposed to the high concentrations of carbon monoxide potentially present at this incident.

Health and safety is the State emergency agencies highest priority and because of this risk any female fire-fighter who is pregnant or there is any chance that they may be pregnant, should not attend this incident due to the increased potential exposure to carbon monoxide. Female firefighter should seriously consider this advice.

Pre Deployment

Crews planning to be deployed for a shift in the open cut fires should have 24hrs of "clear time" away from smoke logged incidents (e.g. prior deployments).

This information should be made available to all personnel within all agencies who are deploying staff to the coal mine fire



Incident Details	Plan No: 1	Date: 22/02/2014	Shift: Night	Approved by: Barry, Bob (CFA)
Incident No(s): 12	Incident Name: HAZELWOOD MINE			



SAFETY

NEW MESSAGES

KEY MESSAGES:

See New Addendum: Mine Site Emergency Procedures.

1. On arrival at staging / catering areas ensure transition into clean areas via cleaning stations before presenting for health observation.
 2. All crew entering the mine must wear appropriate PPE/PPC
 - 2a Each appliance must have a personal Carbon Monoxide Detector (CO) with the crew
 - 2b Record CO readings every 15 minutes on data sheets provided
 - 2c Report CO data readings every hour on Channel 219
 3. All personnel undertaking fire suppression at ground level must wear P2 Masks
 4. Smoking is not permitted on the site.
 5. All personnel are to undertake health monitoring at the Staging Area for CO prior to entering the mine and immediately prior to exiting the mine. Personnel are not to leave the site until health monitoring has been completed. The individual COHb reading must be below 5% before any work can be undertaken.
 6. At any time a carbon monoxide reading of 75ppm or greater is recorded, CABA must be immediately donned or workers must withdraw from this area. This must be immediately reported to DivComm.
 7. Female Firefighters - State emergency agencies have received medical advice from the MFB and CFA Medical Officers and the Deputy Regional Health Commander in the Incident Management Team at Hazelwood that there is a risk to the foetus of pregnant women exposed to high level concentrations of Carbon Monoxide (CO), potentially present at this incident. Health and Safety is the State emergency agencies highest priority and because of this risk any female fire-fighter who is pregnant or there is any chance that they may be pregnant, should not attend this incident due to the increased potential exposure to CO. Female firefighters should seriously consider this advice.
 8. Advice from Scientific Officer; Carbon enriched environments can cause higher rates of sunburn. Crews are encouraged to be sun safe & use sunscreen.
 9. Adhere to safe driving practices. (attached)
 10. Be aware of poor visibility and increased risk of plant / pedestrian interaction
 11. Maintain hydration at all times whilst in the mine - take adequate rest breaks to maintain optimum health
 12. Be alert to sliding rocks and hazards along batter lines
 13. DO NOT work under power lines and consider all powerlines as live. Beware timber power Poles may be burning below ground
 14. Night shifts - beware of inversion layers trapping smoke and CO within the mine.
 15. All personnel to wash hands prior to eating or entering food service area and after using toilet. Good hygiene is critical especially after working in mine area.
- Significant cracking and slippage risk is occurring at the mine. All crews are to remain vigilant at all times to this hazard and report any signs of cracking or slippage to the Divisional Commander ASAP.

MANDATORY USE OF OHS REPORT INCIDENT REPORT CARDS

1. An OHS incident Report Card (the Salmon card) is to be completed for all identified injuries, or safety issues
2. Give the Salmon Card to your supervisor at the event to sign.
3. Supervisors to hand in the Salmon Card to the Medical Services Unit at the Staging Area from where it will be logged on to the relevant system.

Strategies for Driving in Open Cut Mines

- When driving in open cut mines, most drivers will be confronted with conditions and issues never before experienced and great care needs to be taken to avoid being involved in a dangerous situation.
- Only vehicles with 4 Wheel Drive (4WD) or All Wheel Drive (AWD) capability are permitted in the mine.
- Before entering the open cut, all drivers must engage the 4WD.
- Seatbelts shall be worn at all times, except when directly involved in pump and roll fire-fighting operations
- Avoid driving in areas where washouts have occurred and report any large cracks or fissures to the Divisional Commander.
- Headlights and flashing roof lights to be used at all times in the mine.
- A traffic management plan, if in place, must be adhered to.
- Observe 2 meter safety distance from batter edges due to risk of subsidence
- DO NOT drive over dredge and other equipment power cables.
- All vehicles must follow and remain on existing tracks, even when laying hose to extinguish areas that are away from



Incident Details	Plan No: 1	Date: 22/02/2014	Shift: Night	Approved by: Barry, Bob (CFA)
Incident No(s): 12	Incident Name: HAZELWOOD MINE			



the track unless otherwise directed. Under no circumstances is the vehicle to leave the track for even the smallest of distances.

- constantly monitor the vehicles condition by checking the gauges and listening for tell-tale warning sounds of any problem developing in the vehicle.
- Drivers must be aware of areas where the clearances are reduced, both to the sides and overhead.
- As the area the vehicle is operating in, is a flammable area, all sources of ignition must be left in a safe location and not carried by personnel into the open cut. This includes any matches, cigarette lighters or like equipment used by fire fighters or carried on the vehicle.
- Prior to the vehicles being released from the staging area and returning to their home location, the District Mechanical Officer (DMO) is to check. Mechanics may need to check the vehicle prior to departure.
- Speed limits must be adhered to. The suggested speed limit is 15 kph.
- In the event that a vehicle becomes disabled, notify the Divisional Commander ASAP.



Incident Details	Plan No: 1	Date: 22/02/2014	Shift: Night	Approved by: Barry, Bob (CFA)
Incident No(s): 12	Incident Name: HAZELWOOD MINE			



MEDICAL PLAN / EVACUATION PROCEDURES

AT THE START OF EACH SHIFT:

1. Qualified First Aiders to be identified in each crew.
2. Ensure First Aid kits are in each vehicle and all personnel have appropriate PPE and consumables.
3. All Hazards, Incidents and Near Misses must be reported.
4. Fire OH&S Incident Report Cards are available from .
5. Review the information below.

FOR MINOR INJURIES:

1. Report all injuries to your Crew Leader / Supervisor immediately, including completion of a Fire OH&S Incident Report Card.
2. Fire OH&S Incident Report Cards are to be passed up the chain of command to the Logistics Officer / Medical Unit Leader asap.
3. The Crew Leader / Supervisor and a qualified First Aider should assess the injury and decide how it should be managed.
4. First Aid providers are available for minor treatments at

FOR MAJOR INJURIES:

IN AN EMERGENCY CALL: OPERATIONS UNIT (AS PER COMMS PLAN)

1. Assess the situation and ensure all personnel are safe from further injury.
2. First Aider to provide assistance as necessary.
3. Contact your Crew Leader / Supervisor and provide them with the details of the incident.
4. Critical information required:
 - o The nature of the injury
 - o The condition of the patient (Conscious / Unconscious)
 - o The location (Track Name / Grid Reference)
 - o The name of the person coordinating at the scene
 - o *Do Not Use the Name of the Injured Person on Conventional Radio*
5. Crew Leader / Supervisor to inform Sector Commander, who passes information up the chain of command to Operations Officer.
6. As the Coordinator of the response to all major injuries, Ambulance Victoria will arrange for the transportation and treatment of the patient with the assistance of the Operations and Medical Units.
7. All injuries are to be reported to your crew leader immediately, including completion of a Fire OH&S Incident Report Card.

WELFARE:

For any support required - including emergency counselling, contact the Logistics Officer / Medical Unit Leader.

**DSE/NEO Employee Assistance Program: 1300 687 327 and DEPI Duty Phone
0408 007 062, 24 hr hotline for Critical
Incident Management.**

CFA Critical Incident Stress: (03) 9262 8701, 24hr Hotline.



Incident Details	Plan No: 14	Date: 28/02/2014	Shift: Night	Approved by: Haynes, John (CFA)
Incident No(s): 12	Incident Name: HAZELWOOD MINE			



SAFETY

NEW MESSAGES

KEY MESSAGES:

NO WATER IS TO BE OBTAINED FROM THE HARA POND (ASH PIT) UNDER ANY CIRCUMSTANCES BY FIRE AGENCY PERSONNEL

1. On arrival at staging / catering areas ensure transition into clean areas via cleaning stations before presenting for health observation. Arrival and departure procedures detailed in Crew Leader Instructions for Carbon Monoxide Management document (attached) must be followed.
2. Crew Leader Instructions for Carbon Monoxide Management (attached) must be followed.
3. All crew entering the mine must wear appropriate PPE/PPC, including all P2 Masks during fire suppression.
4. Smoking is not permitted on the site.
5. All personnel are to undertake health monitoring at the Staging Area for CO prior to entering the mine and immediately prior to exiting the mine.
6. At any time a carbon monoxide reading of 75ppm or greater is recorded, CABA must be immediately donned or workers must withdraw from this area. This must be immediately reported to the Operations Officer.
7. Female Firefighters - State emergency agencies have received medical advice from the Deputy Regional Health Commander in the IMT that there is a risk to the foetus of pregnant women exposed to high level concentrations of Carbon Monoxide (CO). Any female fire-fighter who is pregnant or believes there is a chance that they may be pregnant, should not attend this incident due to the increased potential exposure to CO. Female firefighters should seriously consider this advice.
8. Advice from Scientific Officer; Carbon enriched environments can cause higher rates of sunburn. Crews are encouraged to be sun safe & use sunscreen.
9. Adhere to safe driving practices. (attached)
10. Be aware of poor visibility and increased risk of plant / pedestrian interaction
11. Maintain hydration at all times whilst in the mine - take adequate rest breaks to maintain optimum health
12. Be alert to sliding rocks and hazards along batter lines
13. DO NOT work under power lines and consider all powerlines as live. Beware timber power Poles may be burning below ground
14. Night shifts - beware of inversion layers trapping smoke and CO within the mine.
15. All personnel must demonstrate appropriate hygiene at all time, including eating, entering food service area and toilet use.
16. If a continuous siren blast is heard, await instructions from Sector Commander with regard to the nature of emergency and actions to take.
17. Significant cracking and slippage risk is present at the mine. All crews are to remain vigilant at all times to this hazard and report any signs of cracking or slippage to the Operations Officer ASAP.

MANDATORY USE OF OHS REPORT INCIDENT REPORT CARDS

1. An OHS incident Report Card (the Salmon card) is to be completed for all identified injuries, or safety issues
2. Give the Salmon Card to your supervisor at the event to sign.
3. Supervisors to hand in the Salmon Card to the Medical Services Unit at the Staging Area from where it will be logged on to the relevant system.

STRATEGIES FOR DRIVING OPEN CUT MINES

- When driving in open cut mines, most drivers will be confronted with conditions and issues never before experienced and great care needs to be taken to avoid being involved in a dangerous situation.
- Only vehicles with 4 Wheel Drive (4WD) or All Wheel Drive (AWD) capability are permitted in the mine.
- Seatbelts shall be worn at all times, except when directly involved in pump and roll fire-fighting operations
- Avoid driving in areas where washouts have occurred and report any large cracks or fissures to the Operations Officer.
- Headlights and flashing roof lights to be used at all times in the mine.
- Observe 2 meter safety distance from batter edges due to risk of subsidence
- DO NOT drive over dredge and other equipment power cables.
- All vehicles must follow and REMAIN on existing tracks.
- Drivers must be aware of areas where the clearances are reduced, both to the sides and overhead.
- Speed limits must be adhered to. The suggested speed limit is 15 kph.
- If a vehicle becomes disabled, notify the Operations Officer ASAP.



Incident Details	Plan No: 14	Date: 28/02/2014	Shift: Night	Approved by: Haynes, John (CFA)
Incident No(s): 12	Incident Name: HAZELWOOD MINE			



MEDICAL PLAN / EVACUATION PROCEDURES

AT THE START OF EACH SHIFT:

1. Qualified First Aiders to be identified in each crew.
2. Ensure First Aid kits are in each vehicle and all personnel have appropriate PPE and consumables.
3. All Hazards, Incidents and Near Misses must be reported.
4. Fire OH&S Incident Report Cards are available from the staging area..
5. Review the information below.

FOR MINOR INJURIES:

1. Report all injuries to your Crew Leader / Supervisor immediately, including completion of a Fire OH&S Incident Report Card.
2. Fire OH&S Incident Report Cards are to be passed up the chain of command to the Logistics Officer / Medical Unit Leader asap.
3. The Crew Leader / Supervisor and a qualified First Aider should assess the injury and decide how it should be managed.
4. First Aid providers are available for minor treatments at the staging area from Ambulance Victoria Health Commander, along with a crew on both day and night shifts. AV maintains capability to respond into the mine should the need arise. Telephone contact for the Health Commander is 0429 417 680.

FOR MAJOR INJURIES:

IN AN EMERGENCY CALL: OPERATIONS UNIT (AS PER COMMS PLAN)

1. Assess the situation and ensure all personnel are safe from further injury.
2. First Aider to provide assistance as necessary.
3. Contact your Crew Leader / Supervisor and provide them with the details of the incident.
4. Critical information required:
 - o The nature of the injury
 - o The condition of the patient (Conscious / Unconscious)
 - o The location (Track Name / Grid Reference)
 - o The name of the person coordinating at the scene
 - o *Do Not Use the Name of the Injured Person on Conventional Radio*
5. Crew Leader / Supervisor to inform Sector Commander, who passes information up the chain of command to Operations Officer.
6. As the Coordinator of the response to all major injuries, Ambulance Victoria will arrange for the transportation and treatment of the patient with the assistance of the Operations and Medical Units.
7. All injuries are to be reported to your crew leader immediately, including completion of a Fire OH&S Incident Report Card.

WELFARE:

For any support required - including emergency counselling, contact the Logistics Officer / Medical Unit Leader.

**DSE/NEO Employee Assistance Program: 1300 687 327 and DEPI Duty Phone
0408 007 062, 24 hr hotline for Critical
Incident Management.**




Incident Details	Plan No:	30	Date:	07/03/2010	Shift:	Night	Approved by:	Haynes, John (CFA)
Incident No(s):	12	Incident Name:	HAZELWOOD MINE					



SAFETY

NEW MESSAGES

	Incident Details		Plan No: 30	Date: 07/03/2010	Shift: Night	Approved by: Haynes, John (CFA)
	Incident No(s): 12	Incident Name: HAZELWOOD MINE				

**KEY MESSAGES:**

-NO EMERGENCY SERVICES PERSONNEL ARE TO WORK IN OR AROUND THE HARA POND AT ANY TIME AS IT IS OUT OF BOUNDS FOR EMERGENCY SERVICES.

1. On arrival at staging / catering areas ensure transition into clean areas via cleaning stations before presenting for health observation. Arrival and departure procedures detailed in Crew Leader Instructions for Carbon Monoxide Management document (attached) must be followed.
2. Crew Leader Instructions for Carbon Monoxide Management (attached) must be followed.
3. All crew entering the mine must wear appropriate PPE/PPC, including all P2 Masks during fire suppression.
4. Smoking is not permitted on the site.
5. All personnel are to undertake health monitoring at the Staging Area for CO prior to entering the mine and immediately prior to exiting the mine.
6. At any time a carbon monoxide reading of 75ppm or greater is recorded, CABA must be immediately donned or workers must withdraw from this area. This must be immediately reported to the Operations Officer.
7. Female Firefighters - State emergency agencies have received medical advice from the Deputy Regional Health Commander in the IMT that there is a risk to the foetus of pregnant women exposed to high level concentrations of Carbon Monoxide (CO). Any female fire-fighter who is pregnant or believes there is a chance that they may be pregnant, should not attend this incident due to the increased potential exposure to CO. Female firefighters should seriously consider this advice.
8. Advice from Scientific Officer; Carbon enriched environments can cause higher rates of sunburn. Crews are encouraged to be sun safe & use sunscreen.
9. Adhere to safe driving practices. (attached)
10. Be aware of poor visibility and increased risk of plant / pedestrian interaction
11. Maintain hydration at all times whilst in the mine - take adequate rest breaks to maintain optimum health
12. Be alert to sliding rocks and hazards along batter lines
13. DO NOT work under power lines and consider all powerlines as live. Beware timber power Poles may be burning below ground
14. Night shifts - beware of inversion layers trapping smoke and CO within the mine.
15. All personnel must demonstrate appropriate hygiene at all time, including eating, entering food service area and toilet use.
16. If a continuous siren blast is heard, await instructions from Sector Commander with regard to the nature of emergency and actions to take.
17. Significant cracking and slippage risk is present at the mine. All crews are to remain vigilant at all times to this hazard and report any signs of cracking or slippage to the Operations Officer ASAP.
18. Be observant while working around the batters as loose coal has been observed falling from the batters.
19. As per mine operation requirements, all skin covered. ie; No Shorts, etc

* Fatigue becoming an issue; all crew to be aware and to keep communication going.

* Helmets are compulsory at all times on site

MANDATORY USE OF OHS REPORT INCIDENT REPORT CARDS

1. An OHS incident Report Card (the Salmon card) is to be completed for all identified injuries, or safety issues
2. Give the Salmon Card to your supervisor at the event to sign.
3. Supervisors to hand in the Salmon Card to the Medical Services Unit at the Staging Area from where it will be logged on to the relevant system.

STRATEGIES FOR DRIVING OPEN CUT MINES

- When driving in open cut mines, most drivers will be confronted with conditions and issues never before experienced and great care needs to be taken to avoid being involved in a dangerous situation.
- Only vehicles with 4 Wheel Drive (4WD) or All Wheel Drive (AWD) capability are permitted in the mine.
- Seatbelts shall be worn at all times, except when directly involved in pump and roll fire-fighting operations
- Avoid driving in areas where washouts have occurred and report any large cracks or fissures to the Operations Officer.
- Headlights and flashing roof lights to be used at all times in the mine.
- Observe 2 meter safety distance from batter edges due to risk of subsidence
- DO NOT drive over dredge and other equipment power cables.
- All vehicles must follow and REMAIN on existing tracks.
- Drivers must be aware of areas where the clearances are reduced, both to the sides and overhead.
- Speed limits must be adhered to. The suggested speed limit is 15 kph.
- If a vehicle becomes disabled, notify the Operations Officer ASAP.
- All personnel should be aware of warning signs on site regarding Blue-Green alga in the Hazelwood Cooling Ponds.

MEDICAL PLAN / EVACUATION PROCEDURES



Incident Details	Plan No: 30	Date: 07/03/2010	Shift: Night	Approved by: Haynes, John (CFA)
Incident No(s): 12	Incident Name: HAZELWOOD MINE			



AT THE START OF EACH SHIFT:

1. Qualified First Aiders to be identified in each crew.
2. Ensure First Aid kits are in each vehicle and all personnel have appropriate PPE and consumables.
3. All Hazards, Incidents and Near Misses must be reported.
4. Fire OH&S Incident Report Cards are available from Staging Area.
5. Review the information below.

FOR MINOR INJURIES:

1. Report all injuries to your Crew Leader / Supervisor immediately, including completion of a Fire OH&S Incident Report Card.
2. Fire OH&S Incident Report Cards are to be passed up the chain of command to the Logistics Officer / Medical Unit Leader asap.
3. The Crew Leader / Supervisor and a qualified First Aider should assess the injury and decide how it should be managed.
4. First Aid providers are available for minor treatments at Staging Area

FOR MAJOR INJURIES:

IN AN EMERGENCY CALL: OPERATIONS UNIT (AS PER COMMS PLAN)

1. Assess the situation and ensure all personnel are safe from further injury.
2. First Aider to provide assistance as necessary.
3. Contact your Crew Leader / Supervisor and provide them with the details of the incident.
4. Critical information required:
 - o The nature of the injury
 - o The condition of the patient (Conscious / Unconscious)
 - o The location (Track Name / Grid Reference)
 - o The name of the person coordinating at the scene
 - o *Do Not Use the Name of the Injured Person on Conventional Radio*
5. Crew Leader / Supervisor to inform Sector Commander, who passes information up the chain of command to Operations Officer.
6. As the Coordinator of the response to all major injuries, Ambulance Victoria will arrange for the transportation and treatment of the patient with the assistance of the Operations and Medical Units.
7. All injuries are to be reported to your crew leader immediately, including completion of a Fire OH&S Incident Report Card.

WELFARE:

For any support required - including emergency counselling, contact the Logistics Officer / Medical Unit Leader.

**DSE/NEO Employee Assistance Program: 1300 687 327 and DEPI Duty Phone
0408 007 062, 24 hr hotline for Critical
Incident Management.**

CFA Critical Incident Stress: (03) 9262 8701, 24hr Hotline.



Incident Details	Plan No: 46	Date: 16/03/2014	Shift: Day	Approved by: Baker, Marcus (Marcus)
Incident No(s): 12	Incident Name: HAZELWOOD MINE			



SAFETY

NEW MESSAGES

KEY MESSAGES:

1. On arrival at staging / catering areas ensure transition into clean areas via cleaning stations before presenting for health observation. Arrival and departure procedures detailed in Crew Leader Instructions for Carbon Monoxide Management document (attached) must be followed.
2. Crew Leader Instructions for Carbon Monoxide Management (attached) must be followed.
3. All crew entering the mine must wear all appropriate PPE/PPC, including helmets, P2 Masks, long pants, long sleeves, goggles, wildfire gloves double gloved with nitrile gloves.
4. Smoking is not permitted on the site.
5. All personnel are to undertake health monitoring at the Staging Area for CO prior to entering the mine and immediately prior to exiting the mine.
6. At any time a carbon monoxide reading of 75ppm or greater is recorded, CABA must be immediately donned or workers must withdraw from this area. This must be immediately reported to the Operations Officer.
7. Female Fighfighters - Emergency agencies have received medical advice from the Deputy Regional Health Commander that there is a risk to the foetus of pregnant women exposed to high level concentrations of Carbon Monoxide (CO). Any female fire-fighter who is pregnant or believes there is a chance they may be pregnant, shouldn't attend this incident due to the potential exposure to CO. Female firefighters should seriously consider this advice.
8. Advice from Scientific Officer; Carbon enriched environments can cause higher rates of sunburn. Crews are encouraged to be sun safe & use sunscreen.
9. Be aware of poor visibility and increased risk of plant / pedestrian interaction and early morning fog.
10. Be alert to sliding rocks and hazards along batter lines
11. Do not work under power lines & consider all powerlines as live. Beware poles may be burning below ground
12. Night shifts - beware of inversion layers trapping smoke and CO within the mine.
13. A high level of hygiene is required at all times, including in food service area and toilets.
14. If a continuous siren blast is heard, await for instructions from Sector Commanders with regard action required.
15. Significant cracking and slippage risk is present at the mine. All crews are to remain vigilant at all times to this hazard and report any signs of cracking or slippage to the Operations Officer ASAP.
16. Be observant while working around the batters as loose coal has been observed falling from the batters.
17. Refer to Safety Fact Sheet - Hazelwood Hazardous Materials/Fire (Attached).
18. MAINTAIN HYDRATION AT ALL TIMES WHILST IN THE MINE - TAKE ADEQUATE REST BREAKS TO MAINTAIN OPTIMUM HEALTH.
19. No water is to be utilised by emergency services from the HARA pond.
20. Ensure vehicles are washed, in particular the exhaust, after working in the mines to prevent exhaust fires.

* Fatigue is an issue; all crew to be aware and to keep communication going.

MANDATORY USE OF OHS REPORT INCIDENT REPORT CARDS

1. An OHS incident Report Card (the Salmon card) is to be completed for all identified injuries, or safety issues
2. Give the Salmon Card to your supervisor at the event to sign.
3. Supervisors to hand in the Salmon Card to the Medical Services Unit at the Staging Area from where it will be logged on to the relevant system.

STRATEGIES FOR DRIVING OPEN CUT MINES

- When driving in open cut mines, most drivers will be confronted with conditions and issues never before experienced and great care needs to be taken to avoid being involved in a dangerous situation.
- Only vehicles with 4 Wheel Drive (4WD) or All Wheel Drive (AWD) capability are permitted in the mine.
- Seatbelts shall be worn at all times, except when directly involved in pump and roll fire-fighting operations
- Avoid driving in areas where washouts have occurred and report any large cracks or fissures to the Operations Officer.
- Headlights and flashing roof lights to be used at all times in the mine.
- Observe 2 meter safety distance from batter edges due to risk of subsiding.
- DO NOT drive over dredge and other equipment power cables.
- All vehicles must follow and REMAIN on existing tracks.
- Drivers must be aware of areas where the clearances are reduced, both to the sides and overhead.
- Speed limits must be adhered to. The suggested speed limit is 15 kph.
- If a vehicle becomes disabled, notify the Operations Officer ASAP.
- All personnel should be aware of warning signs on site regarding Blue-Green alga in the Hazelwood Cooling Ponds.



Incident Details	Plan No: 46	Date: 16/03/2014	Shift: Day	Approved by: Baker, Marcus (Marcus)
Incident No(s): 12	Incident Name: HAZELWOOD MINE			



MEDICAL PLAN / EVACUATION PROCEDURES

AT THE START OF EACH SHIFT:

1. Qualified First Aiders to be identified in each crew.
2. Ensure First Aid kits are in each vehicle and all personnel have appropriate PPE and consumables.
3. All Hazards, Incidents and Near Misses must be reported.
4. Fire OH&S Incident Report Cards are available from Staging Area.
5. Review the information below.

FOR MINOR INJURIES:

1. Report all injuries to your Crew Leader / Supervisor immediately, including completion of a Fire OH&S Incident Report Card.
2. Fire OH&S Incident Report Cards are to be passed up the chain of command to the Logistics Officer / Medical Unit Leader asap.
3. The Crew Leader / Supervisor and a qualified First Aider should assess the injury and decide how it should be managed.
4. First Aid providers are available for minor treatments at the staging area from AV Commander with a crew. AV has capability to respond into the mine - contact 0429 417 680.

FOR MAJOR INJURIES:

IN AN EMERGENCY CALL: OPERATIONS UNIT (AS PER COMMS PLAN)

1. Assess the situation and ensure all personnel are safe from further injury.
2. First Aider to provide assistance as necessary.
3. Contact your Crew Leader / Supervisor and provide them with the details of the incident.
4. Critical information required:
 - o The nature of the injury
 - o The condition of the patient (Conscious / Unconscious)
 - o The location (Track Name / Grid Reference)
 - o The name of the person coordinating at the scene
 - o *Do Not Use the Name of the Injured Person on Conventional Radio*
5. Crew Leader / Supervisor to inform Sector Commander, who passes information up the chain of command to Operations Officer.
6. As the Coordinator of the response to all major injuries, Ambulance Victoria will arrange for the transportation and treatment of the patient with the assistance of the Operations and Medical Units.
7. All injuries are to be reported to your crew leader immediately, including completion of a Fire OH&S Incident Report Card.

WELFARE:

For any support required - including emergency counselling, contact the Logistics Officer / Medical Unit Leader.

DSE/NEO Employee Assistance Program: 1300 687 327 and 0408 007 062 for CIS.

CFA Critical Incident Stress: 9262 8701, MFB:1800 609 511 #202354



Incident Details	Plan No: 47	Date: 16/03/2014	Shift: Night	Approved by: Haynes, John (CFA)
Incident No(s): 12	Incident Name: HAZELWOOD MINE			



SAFETY

NEW MESSAGES

KEY MESSAGES:

1. On arrival at staging / catering areas ensure transition into clean areas via cleaning stations before presenting for health observation. Arrival and departure procedures detailed in Crew Leader Instructions for Carbon Monoxide Management document (attached) must be followed.
2. Crew Leader Instructions for Carbon Monoxide Management (attached) must be followed.
3. All crew entering the mine must wear all appropriate PPE/PPC, including helmets, P2 Masks, long pants, long sleeves, goggles, wildfire gloves double gloved with nitrile gloves.
4. Smoking is not permitted in the mine.
5. All personnel are to undertake health monitoring at the Staging Area for CO prior to entering the mine and immediately prior to exiting the mine.
6. At any time a carbon monoxide reading of 75ppm or greater is recorded, CABA must be immediately donned or workers must withdraw from this area. This must be immediately reported to the Operations Officer.
7. Female Fighfighters - Emergency agencies have received medical advice from the Deputy Regional Health Commander that there is a risk to the foetus of pregnant women exposed to high level concentrations of Carbon Monoxide (CO). Any female fire-fighter who is pregnant or believes there is a chance they may be pregnant, shouldn't attend this incident due to the potential exposure to CO. Female firefighters should seriously consider this advice.
8. Advice from Scientific Officer; Carbon enriched environments can cause higher rates of sunburn. Crews are encouraged to be sun safe & use sunscreen.
9. Be aware of poor visibility and increased risk of plant / pedestrian interaction and early morning fog.
10. Be alert to sliding rocks and hazards along batter lines
11. Do not work under power lines & consider all powerlines as live. Beware poles may be burning below ground
12. Night shifts - beware of inversion layers trapping smoke and CO within the mine.
13. A high level of hygiene is required at all times, including in food service area and toilets.
14. If a continuous siren blast is heard, await for instructions from Sector Commanders with regard action required.
15. Significant cracking and slippage risk is present at the mine. All crews are to remain vigilant at all times to this hazard and report any signs of cracking or slippage to the Operations Officer ASAP.
16. Be observant while working around the batters as loose coal has been observed falling from the batters.
17. Refer to Safety Fact Sheet - Hazelwood Hazardous Materials/Fire (Attached).
18. MAINTAIN HYDRATION AT ALL TIMES WHILST IN THE MINE - TAKE ADEQUATE REST BREAKS TO MAINTAIN OPTIMUM HEALTH.
19. No water is to be utilised by emergency services from the HARA pond.
20. Ensure vehicles are washed, in particular the exhaust, after working in the mines to prevent exhaust fires.

* Fatigue is an issue; all crew to be aware and to keep communication going.

MANDATORY USE OF OHS REPORT INCIDENT REPORT CARDS

1. An OHS incident Report Card (the Salmon card) is to be completed for all identified injuries, or safety issues
2. Give the Salmon Card to your supervisor at the event to sign.
3. Supervisors to hand in the Salmon Card to the Medical Services Unit at the Staging Area from where it will be logged on to the relevant system.

STRATEGIES FOR DRIVING OPEN CUT MINES

- When driving in open cut mines, most drivers will be confronted with conditions and issues never before experienced and great care needs to be taken to avoid being involved in a dangerous situation.
- Only vehicles with 4 Wheel Drive (4WD) or All Wheel Drive (AWD) capability are permitted in the mine.
- Seatbelts shall be worn at all times, except when directly involved in pump and roll fire-fighting operations
- Avoid driving in areas where washouts have occurred and report any large cracks or fissures to the Operations Officer.
- Headlights and flashing roof lights to be used at all times in the mine.
- Observe 2 metre safety distance from batter edges due to risk of subsiding.
- DO NOT drive over dredge and other equipment power cables.
- All vehicles must follow and REMAIN on existing tracks.
- Drivers must be aware of areas where the clearances are reduced, both to the sides and overhead.
- Speed limits must be adhered to. The suggested speed limit is 15 kph.
- If a vehicle becomes disabled, notify the Operations Officer ASAP.
- All personnel should be aware of warning signs on site regarding Blue-Green alga in the Hazelwood Cooling Ponds.



Incident Details	Plan No: 47	Date: 16/03/2014	Shift: Night	Approved by: Haynes, John (CFA)
Incident No(s): 12	Incident Name: HAZELWOOD MINE			



MEDICAL PLAN / EVACUATION PROCEDURES

AT THE START OF EACH SHIFT:

1. Qualified First Aiders to be identified in each crew.
2. Ensure First Aid kits are in each vehicle and all personnel have appropriate PPE and consumables.
3. All Hazards, Incidents and Near Misses must be reported.
4. Fire OH&S Incident Report Cards are available from Staging Area.
5. Review the information below.

FOR MINOR INJURIES:

1. Report all injuries to your Crew Leader / Supervisor immediately, including completion of a Fire OH&S Incident Report Card.
2. Fire OH&S Incident Report Cards are to be passed up the chain of command to the Logistics Officer / Medical Unit Leader asap.
3. The Crew Leader / Supervisor and a qualified First Aider should assess the injury and decide how it should be managed.
4. First Aid providers are available for minor treatments at the staging area from AV Commander with a crew. AV has capability to respond into the mine - contact 0429 417 680.

FOR MAJOR INJURIES:

IN AN EMERGENCY CALL: OPERATIONS UNIT (AS PER COMMS PLAN)


1. Assess the situation and ensure all personnel are safe from further injury.
2. First Aider to provide assistance as necessary.
3. Contact your Crew Leader / Supervisor and provide them with the details of the incident.
4. Critical information required:
 - o The nature of the injury
 - o The condition of the patient (Conscious / Unconscious)
 - o The location (Track Name / Grid Reference)
 - o The name of the person coordinating at the scene
 - o *Do Not Use the Name of the Injured Person on Conventional Radio*
5. Crew Leader / Supervisor to inform Sector Commander, who passes information up the chain of command to Operations Officer.
6. As the Coordinator of the response to all major injuries, Ambulance Victoria will arrange for the transportation and treatment of the patient with the assistance of the Operations and Medical Units.
7. All injuries are to be reported to your crew leader immediately, including completion of a Fire OH&S Incident Report Card.

WELFARE:

For any support required - including emergency counselling, contact the Logistics Officer / Medical Unit Leader.

DSE/NEO Employee Assistance Program: 1300 687 327 and 0408 007 062 for CIS.

CFA Critical Incident Stress: 9262 8701, MFB:1800 609 511 #202354

	Incident Details	Plan No: 60	Date: 23/03/2014	Shift: Day	Approved by: Sullivan, Ross
	Incident No(s): 12	Incident Name: HAZELWOOD MINE			



SAFETY

NEW MESSAGES

As at 1030hrs on 23/03/2014

> The Knuckle has a crack in it and there is a 100m exclusion zone in place

Update at 1700hrs on 22/03/14

All Sector Commanders reminded to reinforce Carbon Monoxide Management and logging detector readings every 15 minutes.

Hourly reporting of CO levels as well as 15 minute recordings have dropped off. These MUST be recorded in accordance with the Carbon Monoxide Management Procedures.

-- CARBON MONOXIDE MANAGEMENT PROCEDURES REMAIN UNCHANGED EXCEPT AMBULANCE VICTORIA STAFF WILL CONDUCT THE TESTING FOR NIGHT SHIFTS.

-- IT IS ESSENTIAL CREWS WEAR ENCLOSED FOOTWEAR WHILST IN THE STAGING AREA


-- MOBILE PHONES ARE NOT TO BE USED WHILST DRIVING IN THE MINE AREA

-- CREWS ARE TO MAINTAIN ACCESS FOR MINE VEHICLES WHERE POSSIBLE AND NOT CREATE BLOCKAGE ON KEY ROADS . CREWS MUST ADHERE TO SPEED LIMITS IN THE MINE AREA.

KEY MESSAGES:

1. On arrival at staging / catering areas ensure transition into clean areas via cleaning stations before presenting for health observation.
2. Crew Leader Instructions for Carbon Monoxide Management (attached) must be followed.
3. All crew entering the mine must wear all appropriate PPE/PPC, including helmets, P2 Masks, long pants, long sleeves, goggles, wildfire gloves double gloved with nitrile gloves(nitrile gloves not to be worn when engaged in actual fire fighting duties).
4. Smoking is not permitted in the mine.
5. All Emergency Services personnel are to undertake health monitoring at the Staging Area for CO prior to entering the mine and immediately prior to exiting the mine.
6. Female Firefighters - Emergency agencies have received medical advice from the Deputy Regional Health Commander that there is a risk to the foetus of pregnant women exposed to high level concentrations of Carbon Monoxide (CO). Any female firefighter who is pregnant or believes there is a chance they may be pregnant, shouldn't attend this incident due to the potential exposure to CO. Female firefighters should seriously consider this advice.
7. Advice from Scientific Officer; Carbon enriched environments can cause higher rates of sunburn. Crews are encouraged to be sun safe & use sunscreen.
8. Be aware of poor visibility and increased risk of plant / pedestrian interaction and early morning fog.
9. Be alert to sliding rocks, loose coal and hazards along batter lines
10. Do not work under power lines & consider all powerlines as live. Beware poles may be burning below ground
11. Night shifts - beware of inversion layers trapping smoke and CO within the mine.
12. A high level of hygiene is required at all times, including in food service area and toilets.
13. If a continuous siren blast is heard, await for instructions from Sector Commanders with regard to the action required.
14. Significant cracking and slippage risk is present at the mine. All crews are to remain vigilant at all times to this hazard and report any signs of cracking or slippage to the Operations Officer ASAP.
15. Refer to Safety Fact Sheet - Hazelwood Hazardous Materials/Fire (Attached).
16. MAINTAIN HYDRATION AT ALL TIMES WHILST IN THE MINE - TAKE ADEQUATE REST BREAKS TO MAINTAIN OPTIMUM HEALTH.
17. Regarding all operational activity around HARA pit - see attached Mine Operations HARA Pit Agreement - revised 18/3/2014.
18. Ensure vehicles are washed, in particular the exhaust, after working in the mines to prevent exhaust fires.
19. All personnel should be aware of warning signs on site regarding Blue-Green alga in the Hazelwood Cooling Ponds.

* Fatigue is an issue; all crew to be aware and to keep communication going.

	Incident Details		Plan No: 60	Date: 23/03/2014	Shift: Day	Approved by: Sullivan, Ross
	Incident No(s): 12	Incident Name: HAZELWOOD MINE				



MANDATORY USE OF OHS REPORT INCIDENT REPORT CARDS

1. An OHS incident Report Card (the Salmon card) is to be completed for all identified injuries, or safety issues
2. Give the Salmon Card to your supervisor at the event to sign.
3. Supervisors to hand in the Salmon Card to the Medical Services Unit at the Staging Area from where it will be logged on to the relevant system.

STRATEGIES FOR DRIVING OPEN CUT MINES

- When driving in open cut mines, most drivers will be confronted with conditions and issues never before experienced and great care needs to be taken to avoid being involved in a dangerous situation.
- Only vehicles with 4 Wheel Drive (4WD), All Wheel Drive (AWD) capability or approved fire fighting vehicles are permitted in the mine.
- Seatbelts shall be worn at all times, except when directly involved in pump and roll fire-fighting operations
- Avoid driving in areas where washouts have occurred and report any large cracks or fissures to the Operations Officer.
- Headlights and flashing roof lights to be used at all times in the mine.
- Observe 2 metre safety distance from batter edges due to risk of subsiding.
- DO NOT drive over dredge and other equipment power cables.
- All vehicles must follow and REMAIN on existing tracks.
- Drivers must be aware of areas where the clearances are reduced, both to the sides and overhead.
- SPEED LIMIT MUST BE ADHERED TO ALL ALL TIMES "15kph"
- If a vehicle becomes disabled, notify the Operations Officer ASAP.



Incident Details	Plan No: 60	Date: 23/03/2014	Shift: Day	Approved by: Sullivan, Ross
Incident No(s): 12	Incident Name: HAZELWOOD MINE			



MEDICAL PLAN / EVACUATION PROCEDURES

AT THE START OF EACH SHIFT:

1. Qualified First Aiders to be identified in each crew.
2. Ensure First Aid kits are in each vehicle and all personnel have appropriate PPE and consumables.
3. All Hazards, Incidents and Near Misses must be reported.
4. Fire OH&S Incident Report Cards are available from Staging Area.
5. Review the information below.

FOR MINOR INJURIES:

1. Report all injuries to your Crew Leader / Supervisor immediately, including completion of a Fire OH&S Incident Report Card.
2. Fire OH&S Incident Report Cards are to be passed up the chain of command to the Logistics Officer / Medical Unit Leader asap.
3. The Crew Leader / Supervisor and a qualified First Aider should assess the injury and decide how it should be managed.
4. First Aid providers are available for minor treatments at the staging area from AV Commander with a crew. AV has capability to respond into the mine - contact 0429 417 680.

FOR MAJOR INJURIES:


IN AN EMERGENCY CALL: OPERATIONS UNIT (AS PER COMMS PLAN)

1. Assess the situation and ensure all personnel are safe from further injury.
2. First Aider to provide assistance as necessary.
3. Contact your Crew Leader / Supervisor and provide them with the details of the incident.
4. Critical information required:
 - o The nature of the injury
 - o The condition of the patient (Conscious / Unconscious)
 - o The location (Track Name / Grid Reference)
 - o The name of the person coordinating at the scene
 - o *Do Not Use the Name of the Injured Person on Conventional Radio*
5. Crew Leader / Supervisor to inform Sector Commander, who passes information up the chain of command to Operations Officer.
6. As the Coordinator of the response to all major injuries, Ambulance Victoria will arrange for the transportation and treatment of the patient with the assistance of the Operations and Medical Units.
7. All injuries are to be reported to your crew leader immediately, including completion of a Fire OH&S Incident Report Card.

WELFARE:

For any support required - including emergency counselling, contact the Logistics Officer / Medical Unit Leader.

DSE/NEO Employee Assistance Program: 1300 687 327 and DEPI Duty Phone 0408 007 062, 24 hr hotline for Critical Incident Management.

	Incident Details		Plan No: 61	Date: 24/03/2014	Shift: Day	Approved by: Sullivan, Ross
	Incident No(s): 12	Incident Name: HAZELWOOD MINE				



18/3/2014.

18. Ensure vehicles are washed, in particular the exhaust, after working in the mines to prevent exhaust fires.
19. All personnel should be aware of warning signs on site regarding Blue-Green alga in the Hazelwood Cooling Ponds.


* Fatigue is an issue; all crew to be aware and to keep communication going.

MANDATORY USE OF OHS REPORT INCIDENT REPORT CARDS

1. An OHS incident Report Card (the Salmon card) is to be completed for all identified injuries, or safety issues
2. Give the Salmon Card to your supervisor at the event to sign.
3. Supervisors to hand in the Salmon Card to the Medical Services Unit at the Staging Area from where it will be logged on to the relevant system.

STRATEGIES FOR DRIVING OPEN CUT MINES

- When driving in open cut mines, most drivers will be confronted with conditions and issues never before experienced and great care needs to be taken to avoid being involved in a dangerous situation.
- Only vehicles with 4 Wheel Drive (4WD), All Wheel Drive (AWD) capability or approved fire fighting vehicles are permitted in the mine.
- Seatbelts shall be worn at all times, except when directly involved in pump and roll fire-fighting operations
- Avoid driving in areas where washouts have occurred and report any large cracks or fissures to the Operations Officer.
- Headlights and flashing roof lights to be used at all times in the mine.
- Observe 2 metre safety distance from batter edges due to risk of subsiding.
- DO NOT drive over dredge and other equipment power cables.
- All vehicles must follow and REMAIN on existing tracks.
- Drivers must be aware of areas where the clearances are reduced, both to the sides and overhead.
- SPEED LIMIT MUST BE ADHERED TO ALL ALL TIMES "15kph"
- If a vehicle becomes disabled, notify the Operations Officer ASAP.

	Incident Details		Plan No:	61	Date:	24/03/2014	Shift:	Day	Approved by:	Sullivan, Ross
	Incident No(s):	12	Incident Name:	HAZELWOOD MINE						



MEDICAL PLAN / EVACUATION PROCEDURES

AT THE START OF EACH SHIFT:

1. Qualified First Aiders to be identified in each crew.
2. Ensure First Aid kits are in each vehicle and all personnel have appropriate PPE and consumables.
3. All Hazards, Incidents and Near Misses must be reported.
4. Fire OH&S Incident Report Cards are available from Staging Area.
5. Review the information below.

FOR MINOR INJURIES:

1. Report all injuries to your Crew Leader / Supervisor immediately, including completion of a Fire OH&S Incident Report Card.
2. Fire OH&S Incident Report Cards are to be passed up the chain of command to the Logistics Officer / Medical Unit Leader asap.
3. The Crew Leader / Supervisor and a qualified First Aider should assess the injury and decide how it should be managed.
4. First Aid providers are available for minor treatments at the staging area from AV Commander with a crew. AV has capability to respond into the mine - contact 0429 417 680.


FOR MAJOR INJURIES:

IN AN EMERGENCY CALL: OPERATIONS UNIT (AS PER COMMS PLAN)

1. Assess the situation and ensure all personnel are safe from further injury.
2. First Aider to provide assistance as necessary.
3. Contact your Crew Leader / Supervisor and provide them with the details of the incident.
4. Critical information required:
 - o The nature of the injury
 - o The condition of the patient (Conscious / Unconscious)
 - o The location (Track Name / Grid Reference)
 - o The name of the person coordinating at the scene
 - o *Do Not Use the Name of the Injured Person on Conventional Radio*
5. Crew Leader / Supervisor to inform Sector Commander, who passes information up the chain of command to Operations Officer.
6. As the Coordinator of the response to all major injuries, Ambulance Victoria will arrange for the transportation and treatment of the patient with the assistance of the Operations and Medical Units.
7. All injuries are to be reported to your crew leader immediately, including completion of a Fire OH&S Incident Report Card.

WELFARE:

For any support required - including emergency counselling, contact the Logistics Officer / Medical Unit Leader.

	Incident Details		Plan No:	61	Date:	24/03/2014	Shift:	Day	Approved by:	Sullivan, Ross
	Incident No(s):	12	Incident Name:	HAZELWOOD MINE						



**DSE/NEO Employee Assistance Program: 1300 687 327 and DEPI Duty Phone
0408 007 062, 24 hr hotline for Critical
Incident Management.**

**CFA Critical Incident Stress: (03) 9262 8701, 24hr Hotline. MFB:1800
609 511 #202354**

Latrobe Valley Mine Fires

Crew Leader Instruction for Carbon Monoxide Management

– effective 1800 hours, 28 February 2014

All crew must be checked by Health Monitoring personnel prior to entering the mine.

All crew leaders are to collect carbon monoxide detectors and ensure there is one per crew member whilst working in the mine area. They are not required to be worn in clean areas eg. Staging area.

Log the detector reading every 15 minutes on the attached sheet.

Provide average and peak readings and map grid reference of location to the Operations Point every hour via radio on Channel 219.


Crews can only work in the mine for 2 hours and then MUST have a 2 hour break. Only 4 two hour work periods and allowed in any 12 hour shift.

If in any 1 hour period there are 2 measurements greater than 50ppm but less than 75ppm, workers must withdraw from the area or immediately don CABA to remain working this this location.

At any time a carbon monoxide reading of 75ppm or greater is recorded, CABA must be immediately donned or workers must withdraw from this area. This must be immediately reported to the Operations Point.

All crew must be rechecked by Health Monitoring personnel at the conclusion of their shift prior to leaving the site. Personnel will not be permitted to leave the site without appropriate clearance provided by the Health Monitoring personnel.

Crews are to be advised that if after release from the site they develop symptoms of potential CO poisoning such as headache, dizziness, weakness, nausea, vomiting, chest pain and confusion, they should present to the emergency section of the local hospital. On return home personnel are advised to rest for 24 hours, avoid alcohol and ensure good hydration. If they still have symptoms as mentioned above, personnel should return to their local doctor or hospital emergency department.


Incident Controller
John Haynes
28 February 2014

Atmospheric Health Monitoring
Morwell Open Cut Mine

Appliance _____
Crew Leader Crew 1 Crew 2 Crew 3 Crew 4

Date	February 2014				Grid	0830	Grid	0845	Grid	Hr Avg
Reading	0800	Grid	0815	Grid	0830	Grid	0845	Grid		
	Peak		Peak		Peak		Peak			
Reading	0900		0915		0930		0945			
	Peak		Peak		Peak		Peak			
Reading	1000		1015		1030		1045			
	Peak		Peak		Peak		Peak			
Reading	1100		1115		1130		1145			
	Peak		Peak		Peak		Peak			
Reading	1200		1215		1230		1245			
	Peak		Peak		Peak		Peak			
Reading	1300		1315		1330		1345			
	Peak		Peak		Peak		Peak			
Reading	1400		1415		1430		1445			
	Peak		Peak		Peak		Peak			
Reading	1500		1515		1530		1545			
	Peak		Peak		Peak		Peak			
Reading	1600		1615		1630		1645			
	Peak		Peak		Peak		Peak			
Reading	1700		1715		1730		1745			
	Peak		Peak		Peak		Peak			
Reading	1800		1815		1830		1845			
	Peak		Peak		Peak		Peak			
Reading	1900		1915		1930		1945			
	Peak		Peak		Peak		Peak			
Reading	2000		2015		2030		2045			
	Peak		Peak		Peak		Peak			
Reading	2100		2115		2130		2145			
	Peak		Peak		Peak		Peak			
Reading	2200		2215		2230		2245			
	Peak		Peak		Peak		Peak			
Reading	2300		2315		2330		2345			
	Peak		Peak		Peak		Peak			
Reading	0000		0015		0030		0045			
	Peak		Peak		Peak		Peak			
Reading	0100		0115		0130		0145			
	Peak		Peak		Peak		Peak			
Reading	0200		0215		0230		0245			
	Peak		Peak		Peak		Peak			
Reading	0300		0315		0330		0345			
	Peak		Peak		Peak		Peak			
Reading	0400		0415		0430		0445			
	Peak		Peak		Peak		Peak			
Reading	0500		0515		0530		0545			
	Peak		Peak		Peak		Peak			
Reading	0600		0615		0630		0645			
	Peak		Peak		Peak		Peak			
Reading	0700		0715		0730		0745			
	Peak		Peak		Peak		Peak			
Reading	Peak		Peak		Peak		Peak			

Record Carbon Monoxide Readings every 15 minutes. Readings will be requested once an hour. Please provide hourly averages and peak along with grid reference for location.

FOR DISTRIBUTION TO ALL CREWS

Strategies for Driving in Open Cut Mines

- ❖ When driving in open cut mines, most drivers will be confronted with conditions and issues never before experienced and great care needs to be taken to avoid being involved in a dangerous situation. Only vehicles with 4 Wheel Drive (4WD) or All Wheel Drive (AWD) capability will be permitted into the mine area. It is most important for the safety of the crew and the vehicle that all personnel listen closely to briefings that are given and to assist whilst operating in this environment
- ❖ Before entering the open cut, all drivers must engage the vehicles 4WD/AWD systems and ensure that the correct engagement has been followed. The surface may be soft so it is therefore important to ensure 4WD is engaged and functioning. Seatbelts shall be worn at all times, except when directly involved in pump and roll fire-fighting operations
- ❖ A traffic management plan may be in place and needs to be adhered to. This will ensure a co-ordinated traffic flow of vehicles in the mine. Deviating from the traffic plan could endanger both crews and vehicles and shall not be tolerated. These plans are put in place to ensure the safety of the vehicles and crews. All vehicles must follow and remain on existing tracks, even when laying hose to extinguish areas that are away from the track unless otherwise directed. Under no circumstances is the vehicle to leave the track for even the smallest of distances.
- ❖ Because of the nature of the operation, the vehicles will be working hard and the driver needs to constantly monitor the vehicles condition by checking the gauges and listening for tell-tale warning sounds of any problem developing in the vehicle. Drivers must be aware of areas where the clearances are reduced, both to the sides and overhead. If there is a situation with reduced clearances, then a guide must be used to ensure that no damage is caused to the vehicle or the structure.
- ❖ As the area the vehicle is operating in, is a flammable area, all sources of ignition must be left in a safe location and not carried by personnel into the open cut. This includes any matches, cigarette lighters or like equipment used by fire fighters or carried on the vehicle.
- ❖ Strike Team Leaders and crew leaders must ensure that the Incident Action Plan is followed and only those operations set out in the plan are carried out.
- ❖ Prior to the vehicles being released from the staging area and returning to their home location, it is essential that the District Mechanical Officer (DMO) is consulted. The vehicle has been working hard and the mechanics may need to check the vehicle to ensure that there are no mechanical issues with the vehicle.
- ❖ As there are many vehicles operating in a confined area it is essential to follow the speed limits relevant for the area operating in or the speed limits set out in the traffic management plan. Great care must be taken by drivers to ensure a safe operations area for everyone. If unsure about the appropriate speed, seek clarification or use the suggested speed limit of 15 kph.
- ❖ In the event that a vehicle becomes disabled, notify the Incident Controller who will comply with CFA SOP's and/or local mine arrangements.

HAZELWOOD MINE FIRE

COAL HAULAGE FROM TP7 TO ENERGY BRICKS – TRAFFIC PLAN

A new Haul Route has been established to deliver coal to Energy Bricks due to the loss of conveyor M690 to the Mine Fire.

The new route will take effect as of 12:00pm Monday 24th February 2014 and will operate 24 hours a day up until Wednesday 26th February 2014. From Wednesday onward the operation will continue during Day Shift only for the next 6 months.

Coal haulage trucks will be separated from all other traffic, and traffic control personnel will be present at affected intersections during haulage operations. Road Safety signage will be installed on site to identify the access.

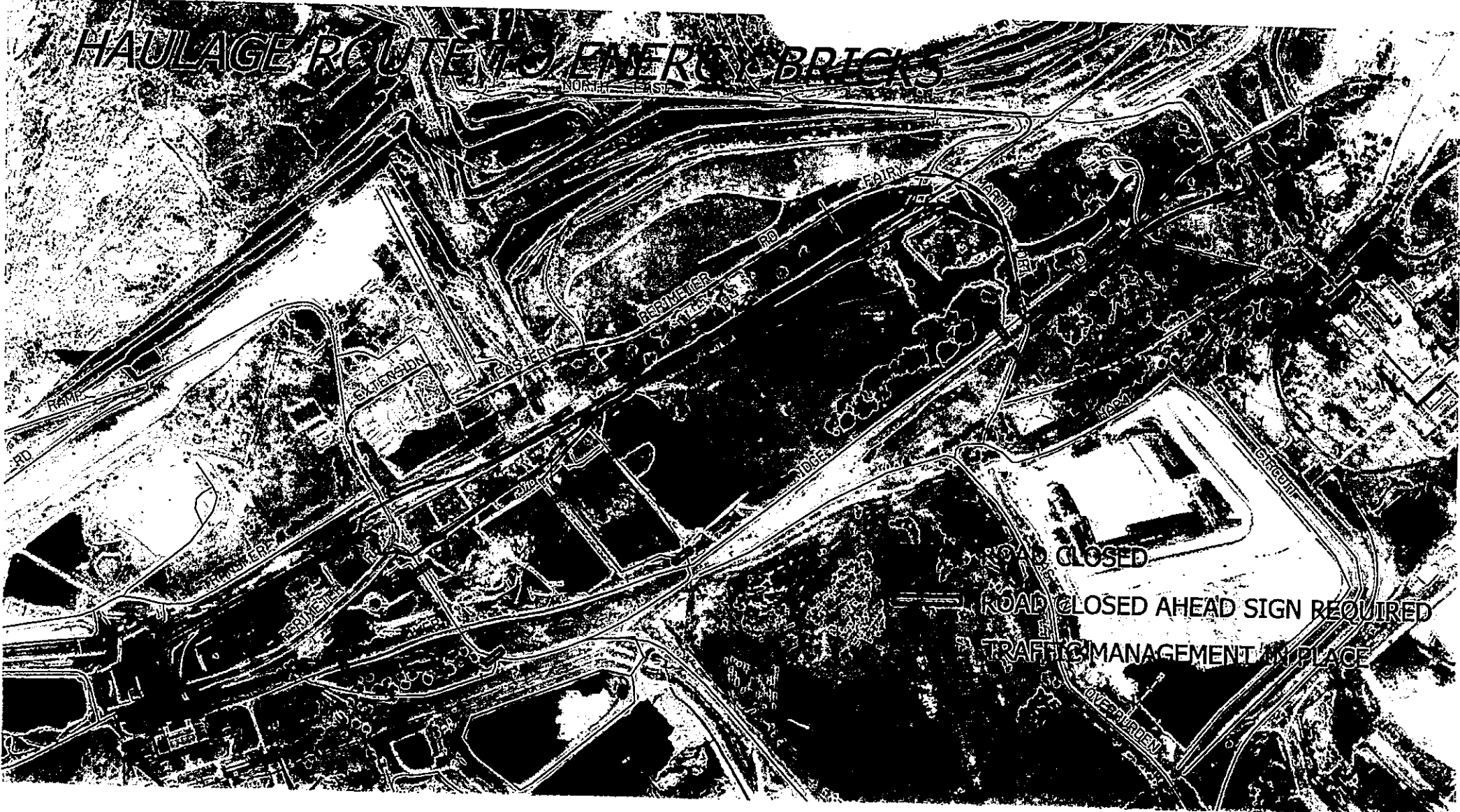
The Attached map shows:

- Coal Haulage route green
- Detoured route for normal; traffic in dashed red
- Road closures in red and
- Areas / intersections with traffic management personnel in orange.

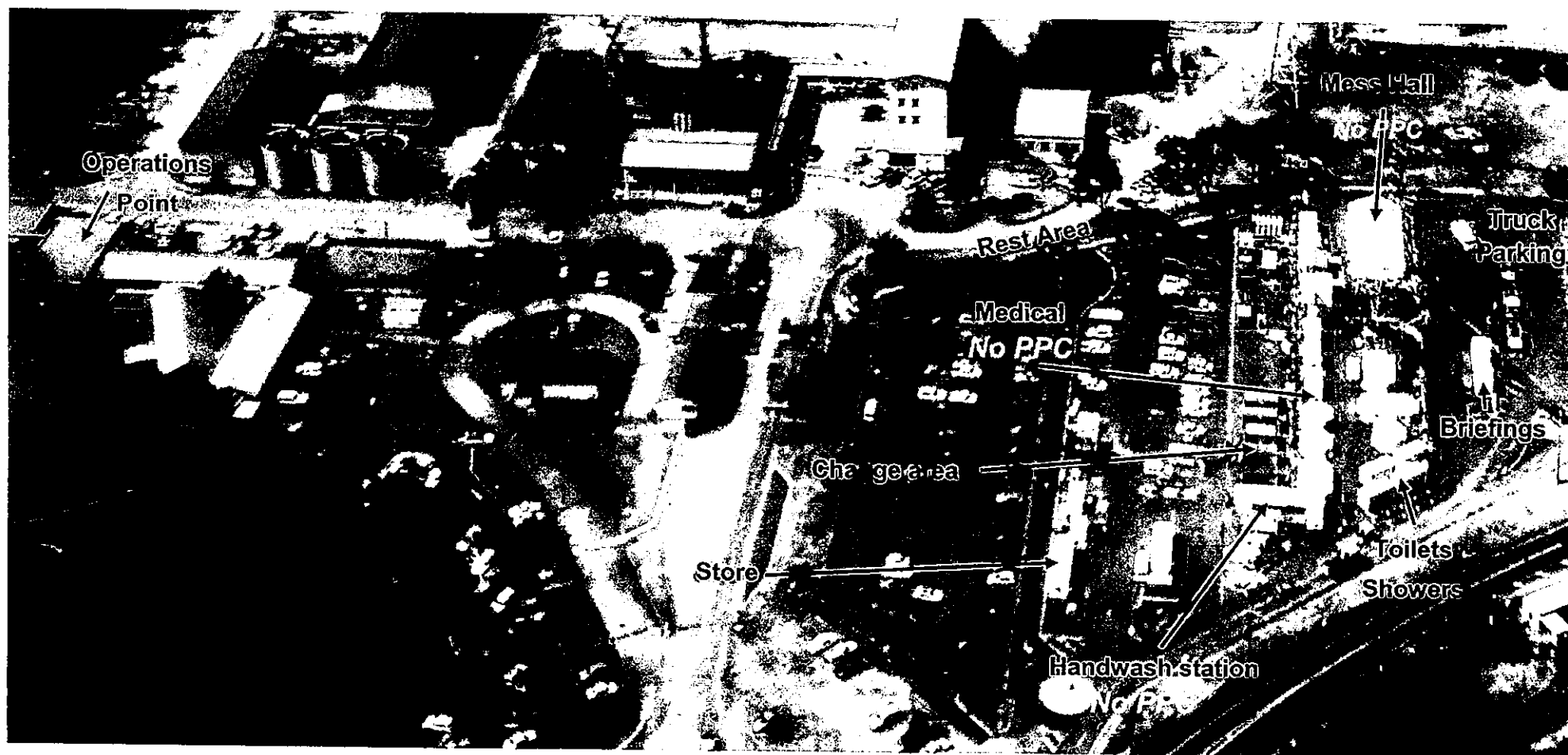
Any personnel requiring access to any road or area affected by the route must contact the Haulage Route Superintendent – Tim Bond on UHF Ch27 or relative RTL Supervising personnel after hours.

Note: This is a preliminary route and may be updated as necessary to adapt to the Mine operations and the current Fire Emergency.

24 February 2014



HAZELWOOD STAGING AREA



No PPE is to be worn into Medical area, Rest area or Mess Tent.

6 March 2016

MINES OPERATIONS – HARA PIT AGREEMENT

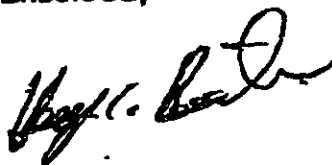
The Safety of Emergency Services Personnel will not be compromised due to operations involving the HARA Pit.

Hazlewood Mine Event Incident Control Centre Safety Management Cell, and representative Hazlewood Mines management, have established the below process to enable mines staff to conduct critical fire suppression activities within and around the HARA pit.

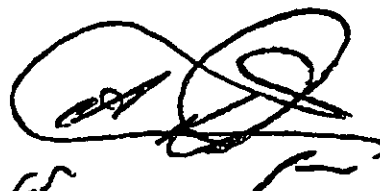
- **No emergency service personnel are to work in or around the HARA pit at any time.**
- **Clear exclusion zones are to be established identifying that the HARA pit is out of bounds for Emergency Services.**
- **Access by emergency services is above level 3 on the top roadway.**
- **All HARA operations are to be implemented into the key messages section of the Incident Shift Plan (ISP) and all safety concerns communicated during briefings.**
- **Mines management to immediately notify the Incident Controller of any variations to operations involving the HARA pit.**
- **Nominated HSR to be consulted on any changes to the above agreed work practices.**

This document has been endorsed by the relevant HSR pursuant to the implementation and monitoring of the above agreed operating conditions.

Endorsed,



Bob Barry
Incident Controller
Hazlewood IMT



Steve Warrington
Regional Controller
RCC Gippsland



John Rampling
Safety Officer
Hazlewood IMT



Rob Dugal
Operations Manager
GDF Suez

