

Emergency Health Services Commission

Report to the Chief Inspector of Mines Ministry of Energy, Mines and Petroleum Resources

Investigation of the Sullivan Mine Incident

**Kimberley, BC
May 17, 2006**



September 27, 2006

Page 1 of 89

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

Table of Contents

A)	Introduction	
B)	Acknowledgements	
C)	Methodology	
D)	Personnel Involved	
E)	Description of Events	
F)	Chronological Order – Timeline	
G)	Interviews	
	BC Ambulance Service	
		Kimberley
		Kimberley
		Cranbrook
		Cranbrook
		Kimberley
	• Peter Hecher	Invermere 411 Unit Chief
		Invermere
		Kamloops Communication Centre
		Kamloops Communication Centre
		Kamloops Communication Centre
		Kamloops Communication Centre
	Kimberley Fire Department	
	• Al Collinson	Deputy Fire Chief
		Firefighter
		Firefighter
		Firefighter
		Firefighter
		Firefighter
		Firefighter
		Firefighter
	Teck Cominco	
	•	
	•	

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

Table of Contents

- H) Discussion and Analysis
- I) Primary Causes
- J) Contributing Factors
- K) Factor
- L) Recommended Corrective Actions
- M) Investigation Team Recommendations
- N) Summary and Conclusion
- O) Glossary
- P) Appendix
 - A. BC Ambulance Written Statements
 - B. Kimberley Fire Department Written Statements
 - C. Teck Cominco Written Statements
 - D. RCMP Witness Statements
 - E. Pryzm Environmental Written Statements
 - F. Laboratory Test Results
 - G. BC Ambulance Service Tachograph Timeline
 - H. CANUTEC Information
 - I. Material Safety Data Sheet Information
 - J. BC Ambulance Service Policies, Procedures and Training Documents
 - K. Kimberley Mine Incident Scene Photos
 - L. Kimberley Mine Incident PowerPoint Presentations
 - M. Employee File Synopsis

September 27, 2006

Page 3 of 89

Sullivan Mine Incident

Kimberley, BC

May 17, 2006

A. Introduction

On May 15, 2006 an employee of Pryzm Environmental entered a sampling shack at the #1 Waste Dump on the Sullivan Mine Site. This employee succumbed to an oxygen deficient atmosphere and was not reported missing for two days.

Teck Comino initiated a search for the missing worker May 17, 2006 and subsequently found the missing worker at 0842 hours (hrs.) MDT.

On May 17, 2006, at 0845 hrs. The British Columbia Ambulance Service (BCAS) initiated a response for at the Upper Sullivan Mine Site in Kimberley.

What initially began as a single crew response quickly escalated to the situation where three additional workers (one Teck Cominco employee and two Paramedics) entered an enclosed space with poor air quality resulting in the death of all three workers.

In accordance with Division Ten (10) of the Workers' Compensation Act and following the guidelines and procedures outlined in the BCAS Occupational Safety and Health Training Program (Accidents and Incidents Investigation Module for Supervisors), an incident investigation was initiated immediately.

An investigation team of representatives from BC Ambulance Service Management and CUPE Local 873 conducted the incident investigation, which included over 700 hours of time in the Kimberley area and more than 1000 hours to complete the report.

The intent of the investigation, with its accompanying report, was to carefully and thoroughly examine all the facts concerning the incident and make a series of recommendations that will help ensure that a tragedy of this type does not happen again.

Based on the findings, analyses and recommendations of the joint Incident Investigation Team, the BC Ambulance Service hereby submits its Report on the Incident Investigation concerning the Sullivan Mine incident of May 17, 2006.

September 27, 2006

Page 4 of 89

SULLIVAN-MINE-INCIDENT_004

Sullivan Mine Incident

Kimberley, BC

May 17, 2006

B. Acknowledgements

The BC Ambulance Service and its staff would like to thank the following for their assistance and support during the course of our investigation:

- The Kimberley Fire Department
- Ministry of Energy, Mines and Petroleum Resources
- Teck Cominco
- The Royal Canadian Mounted Police
- The BC Coroners Service
- The Cranbrook Regional Hospital
- The Cranbrook Highway Rescue Volunteers
- Emergency Medical Assistant Licensing Branch
- The Community of Kimberley
- The Community of Cranbrook

The Executive Management Team of the BC Ambulance Service would also like to thank all of the BCAS employees who played key support roles in the investigation and, in particular, would like to acknowledge the BCAS Investigation Team for their hard work, commitment and dedication during the many weeks of the investigation.

This team was comprised of:

Bob Alexander	Investigation Team Leader Superintendent Lower Mainland Region
Rick Loucks	Provincial Safety Director, CUPE Local 873
Peter Yolland	BCAS Manager, Safety and Health Program Compliance
Dave Brooks	BCAS Superintendent, East Kootenay District
Michelle Marginet	BCAS Regional Safety Advisor, Interior Region

September 27, 2006

Sullivan Mine Incident

Kimberley, BC

May 17, 2006

C. Methodology

Upon initial notification of a major incident involving two paramedics at the Sullivan Mine in Kimberley BC, the BCAS immediately identified the need for the establishment of a joint labour and management team to conduct a comprehensive investigation.

This team included the Superintendent responsible for the District, the Occupational Safety Advisor for the Region, the Provincial Manager for Safety and Health Program Compliance, the Provincial Director of Safety for Local 873 and a Superintendent from outside the region (Team Leader).

Upon arrival in the Kimberley area the team members immediately began to collect all available information and evidence from a variety of sources including BCAS personnel, technical information, and external data from Teck Cominco, Pryzm Environmental, Ministry of Energy, Mines and Petroleum Resources, WorkSafeBC. The Team developed a dynamic Microsoft Project™ GANTT Chart to track and assist in monitoring the progress of the investigation.

While this information was being collected, it was also being reviewed, analysed and catalogued to become part of the basis for BCAS's Report to WorkSafeBC.

It is important to note that any information and material related to mining operation, policy, procedure, air, gas and water quality test data contained in this report are not officially recognized until accepted as part of the report produced by the Chief Inspector of Mines from the Ministry of Energy, Mines and Petroleum Resources.

The methods used by the Incident Investigation Team are specified in the following chart.

Sullivan Mine Investigation Project Plan

September 27, 2006

Page 6 of 89

SULLIVAN-MINE-INCIDENT_006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

D. Personnel Directly Involved in the Response

BC Ambulance Service

Shawn Currier
Kim Weitzel

411 U/C

Peter Hecher

Kamloops Regional Dispatch Centre

BC Ambulance Service (Management)

Kamloops Dispatch Superintendent
East Kootenay Superintendent
Provincial Air Ambulance Communication Center
Superintendent

Doug Garland
Dave Brooks
Randy L'Heureux

Kimberley Fire Department

Deputy Fire Chief

Al Collinson

Firefighter
Firefighter
Firefighter
Firefighter
Firefighter
Firefighter
Firefighter
Firefighter

September 27, 2006

Sullivan Mine Incident

Kimberley, BC

May 17, 2006

E. Description of Events

The Sullivan Mine in Kimberley BC is a decommissioned mine site currently in the reclamation phase. The ongoing reclamation work includes routine water sampling to ensure that water drainage from the #1 Waste Dump is adequately treated before it re-enters the environment.

Doug Erickson, an employee of Pryzm Environmental, was contracted to Teck Cominco to provide water sampling on the Sullivan Mine Site.

On May 15th, 2006, Doug Erickson arrived at the Sullivan Mine Site to conduct routine sampling and monitoring of water flows. Through cellular phone logs and eye witness reports it was determined that Erickson arrived and entered the #1 Waste Dump between 1345 and 1400 hrs. MDT. After 1400 hrs., there were no other outgoing cellular calls or visual contact with Erickson.

On May 16th, 2006, Erickson's cellular phone noted two missed calls and there was no reported visual contact with Erickson.

At 0659 hrs. on May 17th Doug Erickson's attempts to contact Erickson's cellular phone with no response. At 0800 hrs. contacts Bob Newcombe, an employee of Teck Cominco, requesting a search of the mine site for Doug Erickson. Bob Newcombe discussed with where Erickson should have been working. Bruce Donald from Teck Cominco reminded Newcombe that they had seen Doug Erickson's truck at the #1 Waste Dump area Monday afternoon.

Shortly after 0800 hrs Bob Newcombe and agreed to begin a search. Newcombe left to search the upper mine area and departed to search Area CT-4 and work toward CT-05 and Sludge Ponds.

0843 hrs. received a cell call from Bob Newcombe stating that he had found Doug Erickson's truck at the #1 Waste Dump. Newcombe entered the building to find Doug Erickson Newcombe was going to contact 911 and was to go to the main gate to escort the Ambulance to #1 Waste Dump.

The BCAS Communication Centre in Kamloops received a 911 call from Bob Newcombe requesting assistance for a year old man who in a sampling shack at the toe of the #1 Waste Dump. He noted that the patient was The Ambulance dispatcher prompts Newcombe to contact the Cellular phone records will show this took place immediately after Newcombe disconnected the 911 call.

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

E. Description of Events

Kimberley's _____ was dispatched simultaneously from the BCAS Kimberley Station on a _____ pre-alert for a _____ on Tadanac Boulevard, Upper Sullivan Mine area, at or near the #1 Shaft Waste Dump.

Paramedic Shawn Currier, answered the call from Dispatch, provided the _____ car's CAD Head ID # and confirmed with his partner Kim Weitzel that she was familiar with the location of the call.

Teck Cominco's _____ is summoned by Bob Newcombe at 0848 hrs. to respond to the #1 Waste Dump for an Emergency. According to the call was very short and non-descriptive.

The Kamloops Communication Centre requests that the Kimberley Fire Department respond to the Main Entrance at the Upper Sullivan Mine to assist with a possible rescue of the patient from the water. The Emergency Medical Dispatcher recognizes that the Kimberley Fire Department does not participate in the First Response Medical Role but will respond to assist with rescue and extrication.

The BCAS Unit identified by the call sign _____ driven by Shawn Currier, arrives at the Sullivan Mine Main Gate. _____ was waiting to lead the ambulance to the #1 Waste Dump.

Between 0848 hrs. when Bob Newcombe summoned _____ and 0856 hrs. when _____ led _____ crew to the #1 Waste Dump, Newcombe entered the sampling shack to assist Doug Erickson.

Based on witness accounts, while part way down the ladder Kim Weitzel exclaimed _____ At this point, Kim Weitzel observed that there was more than one individual in the pit. She then questioned _____ about the possibilities of gas being a concern. _____ stated _____ Weitzel _____ Bob Newcombe and Doug Erickson

_____ yelled to Shawn Currier that Weitzel had just _____ in the hole. Currier dropped the gear he was carrying and rushed in to where his partner lay. According to _____ Currier managed to say "Kim, Kim, can you hear me" before he _____

September 27, 2006

Page 9 of 89

SULLIVAN-MINE-INCIDENT_009

Sullivan Mine Incident

Kimberley, BC

May 17, 2006

E. Description of Events

While this was happening, Acting Fire Chief Al Collinson was on the phone to the Kamloops Communication Centre requesting addition information as the fire department was unable to locate the scene. Collinson believed _____ must be up at the upper dam area, thinking it was the _____. This road is rough and narrow so Collinson returns to the Main Gate in his 4X4 Command Vehicle to pick up three additional firefighters and to return Engine _____ to the Fire hall due to the road conditions expected.

Teck Cominco's _____ met Chief Collinson at the main gate. After a short discussion, _____ led Collinson and the three firefighters in the Command Vehicle toward the #1 Waste Dump.

After _____ watched Paramedics Kim Weitzel and Shawn Currier called 911 describing what he witnessed to the Kamloops Communication Centre. _____ expressed concerns that there may be H₂S down there, trying to rationalize what just happened and that he is now there by himself. The Emergency Medical Dispatcher instructed _____ not to allow anyone else to enter the building without the appropriate breathing equipment.

_____ was directed to return to the Main Gate to escort the Kimberley Fire Department to the scene. As _____ started down the road toward the Main Gate he met _____ leading the Fire Department Command Vehicle. _____ stopped both vehicles yelling: "DON'T GO DOWN...THERE'S PROBABLY GAS, SO HAVE YOUR BREATHING APPARATUS, THERE'S PROBABLY GAS, THERE'S PROBABLY 4 PEOPLE DOWN IN THE BOTTOM."

At 0900 hrs. MDT the Kamloops Communication Centre began allocating additional resources to the Cranbrook Kimberley area. These resources included: Kimberley _____ Cranbrook _____ Cranbrook _____, Cranbrook _____ Invermere _____, Fernie _____ and the East Kootenay District Superintendent. Two of these units, _____ and _____ were immediately assigned to the Sullivan Mine Event. The Emergency Medical Dispatchers also contacted the Kimberley Fire Department requesting they immediately warn their firefighters of the possible H₂S exposure and that there were now two unconscious paramedics on scene.

The Kamloops Communication Centre notified Cranbrook Hospital Emergency Department to prepare for up to four unconscious patients _____ probably dealing with H₂S.

At 0908 hrs. Kimberley Fire Department advised that this is a confined space entry and there will be a delay in extrication as they wait for Engine _____ to return with the Self

September 27, 2006

Sullivan Mine Incident

Kimberley, BC

May 17, 2006

E. Description of Events

Contained Breathing Apparatus and a second truck is coming from Marysville. The estimated time of arrival is six (6) minutes for Engine

The first paramedic crew to responding to the two paramedics arrived on scene at 0911 hrs.. This crew was comprised of Paramedics and working under the call sign Upon arriving on scene the crew immediately began to set up tarps for a triage area. Several minutes passed waiting for the Fire Department to obtain and gear up with the appropriate respiratory protection before any attempt of rescue could begin.

Paramedic updated the Kamloops Communication Centre at 0917 hrs. that the Kimberley Confined Space Team arrived on site. Upon prompting from the Dispatcher stated that the Fire Department had confirmed the presence of Hydrogen Sulphide Gas. The Emergency Medical Dispatcher cautioned to be wary of their clothing as sometimes Hydrogen Sulphide can be trapped in the fabric.

Kim Weitzel was the first to be removed from the sampling shack by the Kimberley Fire Department at 0922 hrs. Weitzel was where Paramedics and Seven minutes later, Shawn Currier was removed, brought to the treatment area where Kimberley Fire Department Firefighter's assisted Four minutes after Currier was extricated Bob Newcombe was brought to the treatment area as Cranbrook and Kimberley arrived on scene to

The body of Doug Erickson was removed from the sampling shack at 0937 hrs. and was assessed by .

Meanwhile, the Kamloops Communication Centre contacted Invermere Unit Chief Peter Hecher requesting Hecher fly to the Kimberley Mine Site to act as the role of Incident Commander. The Provincial Air Ambulance Communication Centre in Victoria was tasked with facilitating a Non-contract Helicopter to transport Hecher from Invermere to Kimberley. (Note: due to continuity of patient care and skill levels, paramedic crews for Cranbrook split-up to work with the Kimberley Teams).

The Kamloops Communication Centre directed Fernie to the Cranbrook Hospital to assist with the unloading of patients and to provide relief for responding crews.

September 27, 2006

Page 11 of 89

SULLIVAN-MINE-INCIDENT_011

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

E. Description of Events

The first ambulance to book away to Cranbrook Hospital from the #1 Waste Dump at the Sullivan Mine was Unit at 0945 hrs.

They Kim
Weitzel. Unit arrived at Cranbrook Hospital Emergency Department at 1012 hrs.

The second ambulance, Unit carrying Shawn Currier, departed the scene at 0949 hrs. consisting of Paramedics Unit arrived at the Emergency Department in Cranbrook at 1015 hrs.

The third ambulance, Unit transporting Bob Newcombe, left the scene at 0951 hrs. arriving at the hospital at 1019 hrs. Paramedics Newcombe were

Doug Erickson's remains were left at the mine site with the RCMP until the RCMP Identification Section and Coroner were in attendance.

Airspan Helicopters with Peter Hecher aboard landed at the mine site upwind and downhill from the sampling shack. He arrived after all the crews and patients were in transport to Cranbrook Hospital. Hecher was repositioned to the Cranbrook Hospital via Helicopter.

The Kamloops Communication Centre dispatched Cranbrook to the Sullivan Mine Site to assist with patient care. This crew arrived post-event to secure any equipment left at the scene and to retrieve the empty vehicle that remained there.

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
May 15, 2006		
Unknown (AM)	Teck Cominco	Doug Erickson arrived on site to conduct routine sampling and monitoring of water flows
1224	Teck Cominco	A call was made by Doug Erickson on his cell phone
1224	Teck Cominco	A call was received by Doug Erickson on his cell phone
1300	Teck Cominco	Doug Erickson's vehicle was observed by Bruce J. Donald and Bob Newcombe in the vicinity of the #1 Shaft Waste Dump
1345 to 1400	Teck Cominco	Doug Erickson arrived and entered the #1 Shaft Waste Dump Flow Intake building (accident location) Determined by cell phone logs and eye witness statement
	Teck Cominco	No other record of outgoing telephone calls or visual contact with Doug Erickson until his discovery on Wednesday, May 17, 2006
May 16, 2006		
0812	Teck Cominco	Doug Erickson's cell phone notes a missed call from cell phone
1150	Teck Cominco	Doug Erickson's cell phone notes a missed call from Pryzm Environmental
May 17, 2006		
0659	Teck Cominco	called Doug Erickson's cell phone
0700	Teck Cominco	A total of 3 additional missed calls from unknown persons
0800	Teck Cominco	called Bob Newcombe requesting a search for Doug Erickson
0800	Teck Cominco	Between 0800 and 0843 Bob Newcombe and discussed where Doug Erickson should be working and agreed to begin a search. Bruce J. Donald reminded Bob Newcombe and that Bruce J. Donald and Bob Newcombe had seen Doug Erickson's truck at the #1 Shaft Waste Dump area on Monday

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
0800	Teck Cominco	Between 0800 and 0843 Bob Newcombe and (with Bruce J. Donald's cell phone) leave the office in separate vehicles to begin search. Bob Newcombe was going to upper Mine area and to Arena CT-04 and work toward CT-05 and Sludge Pond
0843	Teck Cominco	Bob Newcombe called (cell to cell) said he had found Doug Erickson's truck at #1 Waste Dump. Bob Newcombe had looked in the building seeing Doug Erickson Bob was going to call ambulance, should go to mine gate
0845	Kamloops Dispatch	Bob Newcombe called 911 (confirmed by BC Ambulance Call Log) reported a in a water sampling shack. At Tadanac Boulevard, the upper mine, at the top of the #1 shaft waste dump, Sullivan Mine, Kimberley Note: timeframe out by 2:00 minutes, actual start of call 08:43
Link to Kamloops Dispatch .wav file 2006.05.17 074537		
Link to Kamloops Dispatch wave .doc file 074537		
0846	Kamloops Dispatch	Phone call to to Sullivan Mine for Dispatched to the call - location reviewed with male crew member on the phone
Link to Kamloops Dispatch .wav file 2006.05.17 074646		
Link to Kamloops Dispatch wave .doc file 074646		
0847	Kamloops Dispatch	Assigned the call to within the CAD software (CAD time)
0848	Kamloops Dispatch	car goes 10-8 on CAD on route to Sullivan Mine
0848	Teck Cominco	Bob Newcombe called Teck Cominco's to respond to the #1 Shaft Waste Dump area with the

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
0848	Kamloops Dispatch	Contacted Kimberley Fire Department – call at the Sullivan Mine, upper mine, use the main entrance, male has – Tadanac Blvd. Want you to be advised should you choose to respond. Fire asks if we have contacted Search and Rescue, no EMD indicates to Fire, Kimberley Fire does do rescue although they do not participate in the medical first response program
Link to Kamloops Dispatch .wav file 2006.05.17 074856		
Link to Kamloops Dispatch wave .doc file 074856		
0848 to 0857	Teck Cominco	Between 0848 and 0857 (before 1st ambulance arrival) Bob Newcombe entered the Sampling Shack
0850	Kimberley Fire Department	Al Collinson (AC), Acting Fire Chief receives a call for assist from 911 dispatch of at the Sullivan Mine
0856	Kimberley Fire Department	Kimberley Fire requested dispatch for more details on location. Calls back for more detailed location information for – they are up on the road and don't see anybody
Link to Kamloops Dispatch .wav file 2006.05.17 075648		
Link to Kamloops Dispatch wave .doc file 075648		
Link to Kamloops Dispatch .wav file 2006.05.17 075713		
Link to Kamloops Dispatch wave .doc file 075713		
0857	Kimberley Fire Dept	A/ Charge give additional information - #1 waste shaft – Kimberley Fire Department informs Cominco truck has arrived – have not seen the ambulance but they took off before we did
Link to Kamloops Dispatch .wav file 2006.05.17 075818		
Link to Kamloops Dispatch wave .doc file 075818		
0858	Kamloops Dispatch	Dispatch tries to contact on radio
Link to Kamloops Dispatch .wav file 2006.05.17 075857		
Link to Kamloops Dispatch wave .doc file 075857		
0859-0906	Kamloops Dispatch	call saying ambulance crews are in the hole and must be gas in there as they have we need more people here as there is no one here. Mine staff says that they have no idea what type of gas might be Hydrogen Sulfide (H ₂ S). Both attendants

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
Link to Kamloops Dispatch wave .doc file 080100		
0902	Kamloops Dispatch	Charge Dispatcher contacts Kimberley Fire advising of possible Hydrogen Sulphide and 2 paramedics
Link to Kamloops Dispatch .wav file 2006.05.17 080212		
Link to Kamloops Dispatch wave .doc file 080212		
0902	Kamloops Dispatch	Dave Brooks confirms page - transferred to Charge Dispatcher
Link to Kamloops Dispatch .wav file 2006.05.17 080235		
Link to Kamloops Dispatch wave .doc file 080235		
0902	Kamloops Dispatch	Charge discusses with Dave Brooks - updated on the incident year old male the bystander , 2 crew members went in, sounds like (H ₂ S), may be up to 4 patients, both crew members
Link to Kamloops Dispatch .wav file 2006.05.17 080243		
Link to Kamloops Dispatch wave .doc file 080243		
0902	Kamloops Dispatch	Assigned he call within the CAD software (CAD time)
0902	Kamloops Dispatch	Paged
Link to Kamloops Dispatch .wav file 2006.05.17 080256		
Link to Kamloops Dispatch wave .doc file 080256		
0903	Kamloops Dispatch	assigned the call to Sullivan Mine – Warned possible gas – One member down
Link to Kamloops Dispatch .wav file 2006.05.17 080334		
Link to Kamloops Dispatch wave .doc file 080334		
0903	Kamloops Dispatch	1st crew member calls in
Link to Kamloops Dispatch .wav file 2006.05.17 080334		
Link to Kamloops Dispatch wave .doc file 080334		
0903	Kamloops Dispatch	10-8 – no info on the data head – EMD gives the call over the air to the crew – advises crew to stay well clear of danger
Link to Kamloops Dispatch .wav file 2006.05.17 080334		
Link to Kamloops Dispatch wave .doc file 080334		

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
0903	Kamloops Dispatch	2nd crew member calls in
Link to Kamloops Dispatch .wav file 2006.05.17 080346		
Link to Kamloops Dispatch wave .doc file 080346		
0905	Kamloops Dispatch	Charge Dispatcher notifies Cranbrook Hospital of 4 patients. Up to 4 patients – probably dealing with H ₂ S – just giving notification, not started transporting yet
Link to Kamloops Dispatch .wav file 2006.05.17 080531		
Link to Kamloops Dispatch wave .doc file 080531		
0905	Kimberley Fire Department	Al Collinson arrives at accident site. One BC Ambulance, One Teck Cominco pickup, Teck Cominco and private vehicle at scene.
0905	Kamloops Dispatch	Dispatch ticket for marked as 10-8 (data head)
0906	Kamloops Dispatch	Manually marked as being 10-7 on the dispatch ticket (this is indicated on the dispatch ticket that it was manually time stamped by the EMD)
0907	Kamloops Dispatch	contacts dispatch to clarify directions
Link to Kamloops Dispatch .wav file 2006.05.17 080737		
Link to Kamloops Dispatch wave .doc file 080737		
0907	PAACC	PAACC contacts Kamloops about patient transfer and Kamloops advises then of Kimberley situation
Link to PAACC .wav file Kimberley0807		
Link to PAACC wave .doc file Kimberley0807		
0908	Kamloops Dispatch	Kimberley Fire Department calls and declares a confined space entry – ambulance attendants have entered the space – have activated their confined space crew. No response from ambulance crew. No response from anyone in the hole. Breathing apparatus (SCBA) ETA 6 minutes
Link to Kamloops Dispatch .wav file 2006.05.17 080852		
Link to Kamloops Dispatch wave .doc file 080852		
0909	PAACC	PAACC contacts Kamloops offering assistance with staging resources in the Kimberley area
Link to PAACC .wav file Kimberley0809		
Link to PAACC wave .doc file Kimberley0809		

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
Link to Kamloops Dispatch .wav file 2006.05.17 080949		
Link to Kamloops Dispatch wave .doc file 080949		
0909	Kamloops Dispatch	10-7 scene (data head) at Teck Cominco gate
0911	PAACC	Kamloops dispatch contacts PAACC to arrange transport for Dave Brooks
Link to PAACC .wav file Kimberley0811		
Link to PAACC wave .doc file Kimberley0811		
0911	Kamloops Dispatch	contacted dispatch - On scene – 1 st two ambulance attendants are down is on scene – you stay well clear - were (Dispatch) not in touch with they might is also responding, keep me updated. The hospital has been notified. EMD advises crew to make sure the do not get themselves in danger
Link to Kamloops Dispatch .wav file 2006.05.17 081134		
Link to Kamloops Dispatch wave .doc file 081134		
0913	PAACC	Discussion with ALS Crew in Kimberley in regards to incident
Link to PAACC .wav file Kimberley0813		
Link to PAACC wave .doc file Kimberley0813		
0915	Kimberley Fire Department	Engine arrives at accident sight and prepared to enter building with confined space gear
0916	Kamloops Dispatch	Sent ½ way to Cranbrook
Link to Kamloops Dispatch .wav file 2006.05.17 081625		
Link to Kamloops Dispatch wave .doc file 081625		
0916	Kamloops Dispatch	calls in update may be 4 down there – our two crew and two more – the fire department just arrived with apparatus – going to patch you to the Charge Dispatcher so that we have continuity
Link to Kamloops Dispatch .wav file 2006.05.17 081658		
Link to Kamloops Dispatch wave .doc file 081658		
0916	PAACC	PAACC confirms Kelowna medivac en-route to Kamloops to pick up Dave Brooks
Link to PAACC .wav file Kimberley0816		
Link to PAACC wave .doc file Kimberley0816		
Link to Kamloops Dispatch .wav file 2006.05.17 081708		
Link to Kamloops Dispatch wave .doc file 081708		

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
0917	Kamloops Dispatch	contacts dispatch indicated 4 down there 2 of our crew and 2 others confined space team on site - confirmed H ₂ S exposure with Fire Dept – fire department does not know concentrations – cautioned by Acting Charge to be wary of their clothes as sometime they have the H ₂ S on their clothes – member says that is thankful for the reminder. establishes triage area
Link to Kamloops Dispatch .wav file 2006.05.17 081726		
Link to Kamloops Dispatch wave .doc file 081726		
0917	Kamloops Dispatch	calls in for update – still on route – possibly 4 patients down the shaft – couple of those may be our crew members – advised by EMD to stay well clear – s on scene, and have been paged in
Link to Kamloops Dispatch .wav file 2006.05.17 081749		
Link to Kamloops Dispatch wave .doc file 081749		
0917	Kamloops Dispatch	- second ambulance 10-7 on CAD
0918	Kamloops Dispatch	phoned at Cranbrook station for Kimberley cross coverage
Link to Kamloops Dispatch .wav file 2006.05.17 081832		
Link to Kamloops Dispatch wave .doc file 081832		
0919	Kamloops Dispatch	Paged Unit Chief, Peter Hecher – fly to Kimberley
Link to Kamloops Dispatch .wav file 2006.05.17 081944		
Link to Kamloops Dispatch wave .doc file 081944		
0919	Kamloops Dispatch	10-8 to Kimberley on CAD
0919	Kamloops Dispatch	10-8 sent right into Kimberley by radio
Link to Kamloops Dispatch .wav file 2006.05.17 081947		
Link to Kamloops Dispatch wave .doc file 081947		
0920	Kamloops Dispatch	repositioned between Cranbrook and Invermere for cross coverage
Link to Kamloops Dispatch .wav file 2006.05.17 082006		
Link to Kamloops Dispatch wave .doc file 082006		
0922	Kamloops Dispatch	calls with an update and transferred to Charge Dispatcher
Link to Kamloops Dispatch .wav file 2006.05.17 082228		
Link to Kamloops Dispatch wave .doc file 082228		

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
0922	Kamloops Dispatch	at mine site speaks with Charge Dispatcher with update – reporting fire and BCAS on scene – Fire has brought their engine with their breathing apparatus – also another group has arrived the confined space team
Link to Kamloops Dispatch .wav file 2006.05.17 082254		
Link to Kamloops Dispatch wave .doc file 082254		
0922	Kimberley Fire Department	First patient, Kim Weitzel, removed from the building and taken to triage
0923	Kimberley Fire Department	Engine arrives on scene.
0924	Kamloops Dispatch	Updates hospital that there are 4 confirmed patients with H2S – now entering the mine with breathing apparatus and mine rescue to try get them out. 1st person been down for about 1 hour. Other for about ½ hour. we have 2 ambulance crew that have gone down – have been down for about 20 minutes
Link to Kamloops Dispatch .wav file 2006.05.17 082454		
Link to Kamloops Dispatch wave .doc file 082454		
0925	Kamloops Dispatch	Charge Dispatcher, updates Dave Brooks – mine rescue they have amassed some sort of mine rescue team an they have fire there going in with the proper apparatus
Link to Kamloops Dispatch .wav file 2006.05.17 082520		
Link to Kamloops Dispatch wave .doc file 082520		
0925	Kamloops Dispatch	calls in for directions patched to Charge Dispatcher
Link to Kamloops Dispatch .wav file 2006.05.17 082539		
Link to Kamloops Dispatch wave .doc file 082539		
0926	Kamloops Dispatch	discusses directions to mine site with Charge Dispatcher
Link to Kamloops Dispatch .wav file 2006.05.17 082613		
Link to Kamloops Dispatch wave .doc file 082613		
0926	Kamloops Dispatch	Charge Dispatcher contacts Kimberley Unit Chief at home to respond to scene for multi-casualty incident
Link to Kamloops Dispatch .wav file 2006.05.17 082650		
Link to Kamloops Dispatch wave .doc file 082650		

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
0928	Kamloops Dispatch	Call at home to respond to Kimberley for incident command
<u>Link to Kamloops Dispatch .wav file 2006.05.17 082846</u>		
<u>Link to Kamloops Dispatch wave .doc file 082846</u>		
0929	Kimberley Fire Department	Second patient, Shawn Currier removed from building and taken to triage
0930	Kamloops Dispatch	called Dispatch on cell phone. Upgraded to right in to Mine site
<u>Link to Kamloops Dispatch .wav file 2006.05.17 083001</u>		
<u>Link to Kamloops Dispatch wave .doc file 083001</u>		
0930	Kamloops Dispatch	10-7 at mine site on CAD
0930	Kamloops Dispatch	10-7 @ Mine site
<u>Link to Kamloops Dispatch .wav file 2006.05.17 083010</u>		
<u>Link to Kamloops Dispatch wave .doc file 083010</u>		
0930	Kamloops Dispatch	contacts dispatch and asks for Charge Dispatcher
<u>Link to Kamloops Dispatch .wav file 2006.05.17 083034</u>		
<u>Link to Kamloops Dispatch wave .doc file 083034</u>		
0930	Kamloops Dispatch	asks for helicopter
<u>Link to Kamloops Dispatch .wav file 2006.05.17 083047</u>		
<u>Link to Kamloops Dispatch wave .doc file 083047</u>		
0931	Kamloops Dispatch	Informing 2nd patient
<u>Link to Kamloops Dispatch .wav file 2006.05.17 083111</u>		
<u>Link to Kamloops Dispatch wave .doc file 083111</u>		
0932	Kamloops Dispatch	states he needs to know where these guys are at updated two have has been pulled from the tunnel – not sure who it is – is transporting – the other is on the way up – Dispatch asked him to call Dave Brooks
<u>Link to Kamloops Dispatch .wav file 2006.05.17 083234</u>		
<u>Link to Kamloops Dispatch wave .doc file 083234</u>		
0933	Kimberley Fire Department	Called dispatch to update - patched to charge
<u>Link to Kamloops Dispatch .wav file 2006.05.17 083319</u>		
<u>Link to Kamloops Dispatch wave .doc file 083319</u>		
0933	Kamloops Dispatch	called at station and sent to Kimberley

September 27, 2006

Sullivan Mine Incident

Kimberley, BC

May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
Link to Kamloops Dispatch .wav file 2006.05.17 083328		
Link to Kamloops Dispatch wav.doc file 083328		
0933	Kimberley Fire Department	Calls and speaks to Charge Dispatcher to update the 2 paramedics had been removed from confined space, 3 rd patient was removed
Link to Kamloops Dispatch .wav file 2006.05.17 083330		
Link to Kamloops Dispatch wav.doc file 083330		
0933	Kimberley Fire Department	Third patient, Bob Newcombe, removed from building and taken to triage.
0933	Kamloops Dispatch	Jupdates dispatch - arriving on scene
Link to Kamloops Dispatch .wav file 2006.05.17 083333		
Link to Kamloops Dispatch wave .doc file 083333		
0933	Kamloops Dispatch	updated that responding
Link to Kamloops Dispatch .wav file 2006.05.17 083359		
Link to Kamloops Dispatch wave .doc file 083359		
0933	Kamloops Dispatch	(Fernie) sent into Cranbrook for cross coverage
Link to Kamloops Dispatch .wav file 2006.05.17 083359		
Link to Kamloops Dispatch wave .doc file 083359		
0934	Kamloops Dispatch	Charge Dispatch contacts Cranbrook Hospital advising that 2 patients en route
Link to Kamloops Dispatch .wav file 2006.05.17 083444		
Link to Kamloops Dispatch wave .doc file 083444		
0934	Kamloops Dispatch	Third ambulance, 10-7 at scene on CAD
0935	Kamloops Dispatch	confirming that there are 3
Link to Kamloops Dispatch .wav file 2006.05.17 083520		
Link to Kamloops Dispatch wave .doc file 083520		
0935	Kamloops Dispatch	- 10-8 enroute to Kimberley on CAD
0935	Kamloops Dispatch	Charge Dispatcher arranging with PAACC for helicopter for
Link to PAACC .wav file Kimberley0835		
Link to PAACC wave .doc file Kimberley0835		
0936	Kimberley Fire Department	Ambulance arrives on scene and goes to triage area.

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
0936	PAACC	Contacts Air Span Helicopters for helicopter for
Link to PAACC .wav file Kimberley0836		
Link to PAACC wave .doc file Kimberley0836		
0937	Kamloops Dispatch	Contacts station and assigns to airport to transport ALS/Airevac crew
Link to Kamloops Dispatch .wav file 2006.05.17 083708		
Link to Kamloops Dispatch wave .doc file 083708		
0937	Kamloops Dispatch	reassigned to cross coverage into Kimberley
Link to Kamloops Dispatch .wav file 2006.05.17 083756		
Link to Kamloops Dispatch wave .doc file 083756		
0937	Kimberley Fire Department	Fourth Patient, Doug Erickson, removed from building
0939	Kamloops Dispatch	Charge Dispatcher notifies of Kimberley incident
Link to Kamloops Dispatch .wav file 2006.05.17 083935		
Link to Kamloops Dispatch wave .doc file 083935		
0939	PAACC	contacts PAACC advises on route to Kamloops ETA 15 minutes
Link to PAACC .wav file Kimberely0839		
Link to PAACC wave .doc file Kimberely0839		
0940	PAACC	Calls informing Charge Dispatcher that Aircraft JLK is landing in Kamloops in 15 Minutes. Peter Hecher can go to Air Span Helicopters AVF – going to Kimberley. Refer to PAACC Kimberley0840.wav
Link to PAACC .wav file Kimberely0840		
Link to PAACC wave .doc file Kimberely0840		
Link to Kamloops Dispatch .wav file 2006.05.17 084012		
Link to Kamloops Dispatch wave .doc file 084012		
0940	Kamloops Dispatch	Responding to PAACC call identifying location for Peter Hecher to go for flight. Refer to Dispatch 2006.05.17 084012 PAACC calls JLK .wav and 2006.05.17 084012 PAACC JLK.wav
Link to Kamloops Dispatch .wav file 2006.05.17 084012		
Link to Kamloops Dispatch wave .doc file 084012		

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details				
0944	Kamloops Dispatch	Peter Hecher notified to respond to Air Span				
Link to Kamloops Dispatch .wav file 2006.05.17 084415						
Link to Kamloops Dispatch wave .doc file 084415						
0945	Kimberley Fire Department	Al Collinson notifies Kimberley RCMP to attend scene.				
<p>Upon leaving the scene to transport the patients, crews split up into various Units. Units transporting were identified as follows -</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Unit</td> <td style="width: 25%;">Unit#</td> <td style="width: 25%;">Unit</td> <td style="width: 25%;">Unit</td> </tr> </table>			Unit	Unit#	Unit	Unit
Unit	Unit#	Unit	Unit			
0945	Kamloops Dispatch	(Unit radios dispatch 10-8 to Cranbrook in progress Leaving scene in Unit treating Kim Weitzel				
Link to Kamloops Dispatch .wav file 2006.05.17 084533						
Link to Kamloops Dispatch wave .doc file 084533						
0945	PAACC	Doug Garland confirms flight plans for Dave Brooks with PAACC				
Link to PAACC .wav file Kimberely0845						
Link to PAACC wave .doc file Kimberely0845						
0946	Kamloops Dispatch	Ticket marked by EMD as transporting (CAD time)				
0947	Kamloops Dispatch	Fourth ambulance (Unit , arrives on scene on CAD				
0947	Kamloops Dispatch	telephones dispatch (Unit# heading to airport alone				
Link to Kamloops Dispatch .wav file 2006.05.17 084738						
Link to Kamloops Dispatch wave .doc file 084738						
0949	Kamloops Dispatch	10-8 to Cranbrook Code 3. Second ambulance leaves scene with in Unit treating Shawn Currier				
Link to Kamloops Dispatch .wav file. Refer to 2006.05.17 084923						
Link to Kamloops Dispatch wave .doc file 084923						

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
0949	Kamloops Dispatch	Ticket marked by Dispatch as 10-7 scene (CAD time).
0949	Kamloops Dispatch	Ticket marked by EMD as 10-8 (CAD time) 10-8 to airport
Link to Kamloops Dispatch .wav file. 2006.05.17 084923		
Link to Kamloops Dispatch wave .doc file 084923		
0949	Kamloops Dispatch	Doug Garland asking unit to be placed at the Cranbrook airport for Airevac crew. Difficulty contacting suggested calling Greg McGowan direct for CISD
Link to Kamloops Dispatch .wav file. 2006.05.17 084939		
Link to Kamloops Dispatch wave .doc file 084939		
0950	Kamloops Dispatch	Dave Brooks conversation with re: transportation of Dave Brooks to hospital
Link to Kamloops Dispatch .wav file. 2006.05.17 085018		
Link to Kamloops Dispatch wave .doc file 085018		
0950	Kamloops Dispatch	(Unit#) contacts requesting dispatch to standby
Link to Kamloops Dispatch .wav file. 2006.05.17 085053		
Link to Kamloops Dispatch wave .doc file 085053		
0951	Kamloops Dispatch	(Unit#) contacts dispatch - third ambulance leaving scene with in treating Bob Newcombe. still on scene – confirms with EMD that there are no other patients needing to be transported
Link to Kamloops Dispatch .wav file. 2006.05.17 085139		
Link to Kamloops Dispatch wave .doc file 085139		
0951	Kamloops Dispatch	10-8 to Cranbrook Hospital on CAD
0952	Kamloops Dispatch	Trauma support calls Kamloops dispatch back
Link to Kamloops Dispatch .wav file. 2006.05.17 085247		
Link to Kamloops Dispatch wave .doc file 085247		
0954	Kamloops Dispatch	(Unit#) contacts dispatch - 10-7 at mine
Link to Kamloops Dispatch .wav file. 2006.05.17 085425		
Link to Kamloops Dispatch wave .doc file 085425		
0956	PAACC	Dave Carmichael contacting PAACC to arrange plane (PUB) for BCAS management

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
Link to PAACC .wav file Kimberely0856		
Link to PAACC wave .doc file Kimberely0856		
0956	Kamloops Dispatch	(Unit#) contacts Dispatch asking for times – informed patient is year old crew member – asking for help at hospital
Link to Kamloops Dispatch .wav file. 2006.05.17 085615		
Link to Kamloops Dispatch wave .doc file 085615		
0957	Kamloops Dispatch	calls in asking where they are to be positioned
Link to Kamloops Dispatch .wav file. 2006.05.17 085730		
Link to Kamloops Dispatch wave .doc file 085730		
0957	Kamloops Dispatch	Dispatch notified Dave Brooks of progress on transport arrangements
Link to Kamloops Dispatch .wav file. 2006.05.17 085730		
Link to Kamloops Dispatch wave .doc file 085730		
0958	PAACC	Contacting Canadian Coastal to attempt to arrange PUB (crew on rest break)
Link to PAACC .wav file Kimberely0858		
Link to PAACC wave .doc file Kimberely0858		
0958	Kamloops Dispatch	sent to Cranbrook Hospital
Link to Kamloops Dispatch .wav file. 2006.05.17 085837		
Link to Kamloops Dispatch wave .doc file 085837		
0959	PAACC	Contacts Dave Carmichael to advise PUB crew on rest break
Link to PAACC .wav file Kimberely0859		
Link to PAACC wave .doc file Kimberely0859		
1000	PAACC	Dave Carmichael contacted PAACC with instructions to contact HJO (aircraft identifier)
Link to PAACC .wav file Kimberely0900		
Link to PAACC wave .doc file Kimberely0900		
1000	PAACC	lifts off in Invermere heading for Sullivan Mine Site
1001	PAACC	Dave Brooks contacts PAACC for ETA on flight
Link to PAACC .wav file Kimberely0901		
Link to PAACC wave .doc file Kimberely0901		

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
1001	Kamloops Dispatch	calls for update – will attend at the hospital
Link to Kamloops Dispatch .wav file. 2006.05.17 090114		
Link to Kamloops Dispatch wave .doc file 090114		
1002	Kamloops Dispatch	Dispatcher to dispatcher informing re: to Cranbrook Hospital
Link to Kamloops Dispatch .wav file. 2006.05.17 090209		
Link to Kamloops Dispatch wave .doc file 090209		
1002	PAACC	Dave Carmichael contacts PAACC to coordinate the flight from Victoria to Kamloops to Cranbrook
Link to PAACC .wav file Kimberely0902		
Link to PAACC wave .doc file Kimberely0902		
1002	Kamloops Dispatch	calls back – Charge asks that they have CIS at Cranbrook Hospital ASAP
Link to Kamloops Dispatch .wav file. 2006.05.17 090236		
Link to Kamloops Dispatch wave .doc file 090236		
1003	PAACC	Contacting HGO related to availability of aircraft
Link to PAACC .wav file Kimberley0903		
Link to PAACC wave .doc file Kimberley0903		
1003	PAACC	Randy L'Heureux contacts PAACC for update on plane for Kamloops then transferred to
Link to PAACC .wav file Kimberley0903a		
Link to PAACC wave .doc file Kimberley0903a		
1003	Kamloops Dispatch	advising dispatch that they are a peer counsellor
Link to Kamloops Dispatch .wav file. 2006.05.17 090332		
Link to Kamloops Dispatch wave .doc file 090332		
1004	PAACC	Randy L'Heureux contacts in PAACC re: plane
Link to PAACC .wav file Kimberley0904		
Link to PAACC wave .doc file Kimberley0904		
1005	Kamloops Dispatch	Called Cranbrook Hospital update situation and ETA of patients
Link to Kamloops Dispatch .wav file. 2006.05.17 090540		
Link to Kamloops Dispatch wave .doc file 090540		

September 27, 2006

Page 28 of 89

SULLIVAN-MINE-INCIDENT_028

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
1005	Kamloops Dispatch	contacted dispatch - retrieved both ambulances returning to Cranbrook
Link to Kamloops Dispatch .wav file. 2006.05.17 090555		
Link to Kamloops Dispatch wave .doc file 090555		
1006	PAACC	Dave Brooks contacts PAACC to advise JLK still not in Kamloops
Link to PAACC .wav file Kimberley0906		
Link to PAACC wave .doc file Kimberley0906		
1006	PAACC	Helijet contacts to advise PAACC make aircraft available by noon
Link to PAACC .wav file Kimberley0906a		
Link to PAACC wave .doc file Kimberley0906a		
1007	Kimberley Fire Department	RCMP arrives on scene.
1007	PAACC	Call Helijet to determine availability of airplanes
Link to PAACC .wav file Kimberley0907		
Link to PAACC wave .doc file Kimberley0907		
1008	PAACC	Contacts Canadian Global to determine availability of planes
Link to PAACC .wav file Kimberley0908		
Link to PAACC wave .doc file Kimberley0908		
1008	PAACC	Station contacts PAACC to advise ETA 45 minutes to Cranbrook
Link to PAACC .wav file Kimberley0908a		
Link to PAACC wave .doc file Kimberley0908a		
1010	Crew Reports	Fourth and Fifth Ambulances leave scene. Unit # and # driven by to Kimberley station
1010	PAACC	Dave Brooks Boards JLK in Kamloops for Cranbrook
1010	PAACC	Contacts Canadian Global to arrange a plane to Victoria
Link to PAACC .wav file Kimberley0910		
Link to PAACC wave .doc file Kimberley0910		
1011	Kamloops Dispatch	Crew (unknown) requesting go to tactical on portable
Link to Kamloops Dispatch .wav file. 2006.05.17 091116		
Link to Kamloops Dispatch wave .doc file 091116		

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
1011	Kimberley Fire Department	Charge calls to provide CISC contact information
Link to Kamloops Dispatch .wav file. 2006.05.17 091119		
Link to Kamloops Dispatch wave .doc file 091119		
1011	Kamloops Dispatch	contacts dispatch - 10-7 Cranbrook Hospital
Link to Kamloops Dispatch .wav file. 2006.05.17 091159		
Link to Kamloops Dispatch wave .doc file 091159		
1012	Kamloops Dispatch	(Unit# contacts dispatch - About 5 minutes from the hospital has split their crew in two different cars both using the same call sign) 10-7 hospital (data head)
Link to Kamloops Dispatch .wav file. 2006.05.17 091217		
Link to Kamloops Dispatch wave .doc file 091217		
1012	Kamloops Dispatch) (Unit# contacts dispatch - 10-7 Cranbrook Hospital
Link to Kamloops Dispatch .wav file. 2006.05.17 091217		
Link to Kamloops Dispatch wave .doc file 091217		
1012	PAACC	Calls with updated ETA for JLK into Cranbrook in 45 minutes, close to 1000 hours
Link to PAACC .wav file Kimberely0912		
Link to PAACC wave .doc file Kimberely0912		
Link to Kamloops Dispatch .wav file. 2006.05.17 091259		
Link to Kamloops Dispatch wave .doc file 091259		
1013	Kamloops Dispatch	(Unit# contacts dispatch to update – second patient ETA 5 min to hospital as well
Link to Kamloops Dispatch .wav file. 2006.05.17 091318		
Link to Kamloops Dispatch wave .doc file 091318		
1013	Kamloops Dispatch	Acknowledges
Link to Kamloops Dispatch .wav file. 2006.05.17 091354		
Link to Kamloops Dispatch wave .doc file 091354		
1013	PAACC	Contacts Dave Carmichael to advise Canadian Global on route to Victoria
Link to PAACC .wav file Kimberely0913		
Link to PAACC wave .doc file Kimberely0913		

September 27, 2006

Page 30 of 89

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
1014	Kamloops Dispatch	Laurie Harder calls in for update from Charge Dispatcher
Link to Kamloops Dispatch .wav file. 2006.05.17 091453		
Link to Kamloops Dispatch wave .doc file 091453		
1015	Kamloops Dispatch	(Unit#) contact dispatch 10-7 414 Station
Link to Kamloops Dispatch .wav file. 2006.05.17 091512		
Link to Kamloops Dispatch wave .doc file 091512		
1015	Kamloops Dispatch	(Unit#) contacts dispatch 10-7 Cranbrook Hospital
Link to Kamloops Dispatch .wav file. 2006.05.17 091536		
Link to Kamloops Dispatch wave .doc file 091536		
1017	Kamloops Dispatch	(Unit#) 10-7 Cranbrook Hospital. Ticket marked by EMD as 10-7 (CAD time)
1019	Kamloops Dispatch	(Unit#) contacts dispatch 10-7 Cranbrook Hospital – CAD
1019	PAACC	Canadian Global contacts PAACC to discuss whether to obtain 'P' number
Link to PAACC .wav file Kimberely0919		
Link to PAACC wave .doc file Kimberely0919		
1020	Kimberley Fire Department	Engines and return to station.
1020	MEMPR	Chief Inspector of Mines, Fred Hermann, notified of accident.
1020	MEMPR	Regional Director, Ricci Berdusco, and manager mining Richard Booth notified of accident by Fred Hermann
1024	Kamloops Dispatch	(Unit#) calls for times - patched to charge
Link to Kamloops Dispatch .wav file. 2006.05.17 092459		
Link to Kamloops Dispatch wave .doc file 092459		
1025	Kamloops Dispatch	asking for Charge
Link to Kamloops Dispatch .wav file. 2006.05.17 092524		
Link to Kamloops Dispatch wave .doc file 092524		
1025	Kamloops Dispatch	provides names of deceased crew to dispatch
Link to Kamloops Dispatch .wav file. 2006.05.17 092537		
Link to Kamloops Dispatch wave .doc file 092537		

September 27, 2006

Page 31 of 89

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
1025	Kamloops Dispatch	discusses situation with Charge Dispatcher – Charge updates and offers whatever help they need
Link to Kamloops Dispatch .wav file. 2006.05.17 092543		
Link to Kamloops Dispatch wave .doc file 092543		
1025	Teck Cominco	arrives on scene.
1028	PAACC	Canadian Global contacts PAACC to obtain names of supervisors on plane
Link to PAACC .wav file Kimberely0928		
Link to PAACC wave .doc file Kimberely0928		
1028	Kamloops Dispatch	calls in from Mine Site – one on scene will carry onto Cranbrook Hosp
Link to Kamloops Dispatch .wav file. 2006.05.17 092834		
Link to Kamloops Dispatch wave .doc file 092834		
1028	PAACC	Dave Carmichael contacts PAACC to advisor Canadian Global will need to fuel in Victoria
Link to PAACC .wav file Kimberely0929		
Link to PAACC wave .doc file Kimberely0929		
1030	411 Unit Chief	Helicopter lifts off from scene to Cranbrook Hospital
1031	Teck Cominco	Bruce J. Donald calls Ministry of Energy, Mines Petroleum Resources
1031	PAACC	Contacts Dave Carmichael to advise that Canadian Global plane required after dropping supervisors
Link to PAACC .wav file Kimberely0931		
Link to PAACC wave .doc file Kimberely0931		
1031	Kamloops Dispatch	(Unit#) contact dispatch making arrangements for Kimberley Fire to get back to Kimberley
Link to Kamloops Dispatch .wav file. 2006.05.17 093112		
Link to Kamloops Dispatch wave .doc file 093112		
1033	Kamloops Dispatch	Charge Dispatcher calls to inform that a number of firefighters are in Cranbrook and arrangements need to be made to get them back to Kimberley
Link to Kamloops Dispatch .wav file. 2006.05.17 093303		
Link to Kamloops Dispatch wave .doc file 093303		
1034	Kamloops Dispatch	Vancouver Dispatch contacts Kamloops dispatch for information on incident
Link to Kamloops Dispatch .wav file. 2006.05.17 093456		
Link to Kamloops Dispatch wave .doc file 093456		

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
1037	Kamloops Dispatch	contacts dispatch 10-7 station
Link to Kamloops Dispatch .wav file. 2006.05.17 093725		
Link to Kamloops Dispatch wave .doc file 093725		
1037	Kamloops Dispatch	cleared for return to Cranbrook
1040	411 Unit Chief	10-7 at Cranbrook Hospital helipad
1040	Teck Cominco	Richard Booth calls Terry Paterson and Terry Paterson is directed to proceed to scene secure the site and control access
1042	RCMP	Coroner Gerry McIntyre arrives on scene.
1045	Kamloops Dispatch	Victoria Dispatch called asking for names of deceased crew. Patched to Charge Dispatcher
Link to Kamloops Dispatch .wav file. 2006.05.17 094509		
Link to Kamloops Dispatch wave .doc file 094509		
1045	Kamloops Dispatch	Susan Dolinski calls to speak with Charge
Link to Kamloops Dispatch .wav file. 2006.05.17 094513		
Link to Kamloops Dispatch wave .doc file 094513		
1045	Kamloops Dispatch	Victoria Dispatch called asking for names of deceased Crew
Link to Kamloops Dispatch .wav file. 2006.05.17 094551		
Link to Kamloops Dispatch wave .doc file 094551		
1047	Kamloops Dispatch	calls dispatch, patched to Charge Dispatcher
Link to Kamloops Dispatch .wav file. 2006.05.17 094751		
Link to Kamloops Dispatch wave .doc file 094751		
1048	PAACC	Les Fisher contacting PAACC requesting status on plane
Link to PAACC .wav file Kimberely0948		
Link to PAACC wave .doc file Kimberely0948		
1048	Kamloops Dispatch	CUPE 873 office notified of deceased crew members
Link to Kamloops Dispatch .wav file. 2006.05.17 094804		
Link to Kamloops Dispatch wave .doc file 094804		
1048	Kamloops Dispatch	calls in with update and confirmation of 1 pronounced crew member
Link to Kamloops Dispatch .wav file. 2006.05.17 094809		
Link to Kamloops Dispatch wave .doc file 094809		
1050	MEMPR	Fred Hermann advised there are four fatalities.

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
1050	PAACC	contacting PAACC to confirm that helicopter can be released from Cranbrook hospital
		Link to PAACC .wav file Kimberley0950
		Link to PAACC wave .doc file Kimberley0950
1051	Kamloops Dispatch	asking dispatch about coverage
		Link to Kamloops Dispatch .wav file. 2006.05.17 0'95156
		Link to Kamloops Dispatch wave .doc file 095156
1053	Kamloops Dispatch	Asking RCMP to delay notification of Next of Kin until BCAS management can arrive
		Link to Kamloops Dispatch .wav file. 2006.05.17 095348
		Link to Kamloops Dispatch wave .doc file 095348
1056	PAACC	Victoria Dispatch contacts PAACC for update on Kimberley incident
		Link to PAACC .wav file Kimberley0956
		Link to PAACC wave .doc file Kimberley0956
1057	Kamloops Dispatch	contacts Dispatch
		Link to Kamloops Dispatch .wav file. 2006.05.17 095735
		Link to Kamloops Dispatch wave .doc file 095735
1058	Kamloops Dispatch	contacts dispatch clear station
		Link to Kamloops Dispatch .wav file. 2006.05.17 095824
		Link to Kamloops Dispatch wave .doc file 095824
1058	PAACC	contacting PAACC advising landing in Cranbrook
		Link to PAACC .wav file Kimberley0958
		Link to PAACC wave .doc file Kimberley0958
1059	Kamloops Dispatch	RCMP called back to inform there will be a staging area at the Hosp – will try to delay the notification of NOK until BCAS management can be on site
		Link to Kamloops Dispatch .wav file. 2006.05.17 095958
		Link to Kamloops Dispatch wave .doc file 095958
1100	Kamloops Dispatch	Dave Brooks approximate time touch down in Cranbrook
1102	Kamloops Dispatch	Dave Brooks contacts dispatch
		Link to Kamloops Dispatch .wav file. 2006.05.17 100208
		Link to Kamloops Dispatch wave .doc file 100208

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
1103	PAACC	contacts PAACC to advise that Dave Brooks wants them to come into hospital to do some diffusing
Link to PAACC .wav file Kimberely1003		
Link to PAACC wave .doc file Kimberely1003		
1105	Kamloops Dispatch	Contacts Dispatch organizing rides for Dave Brooks and keeping ALS crew in Cranbrook and temporarily delaying transfer
Link to Kamloops Dispatch .wav file. 2006.05.17 100555		
Link to Kamloops Dispatch wave .doc file 100555		
1105	PAACC	
Link to PAACC .wav file Kimberely1005		
Link to PAACC wave .doc file Kimberely1005		
1106	Kamloops Dispatch	Charge calls requesting ETA for Cranbrook – Counsellor on route ETA 1 hour
Link to Kamloops Dispatch .wav file. 2006.05.17 100615		
Link to Kamloops Dispatch wave .doc file 100615		
1107	PAACC	
Link to PAACC .wav file Kimberely1007		
Link to PAACC wave .doc file Kimberely1007		
1109	Teck Cominco	Teck Cominco calls in Emergency Response Team from trail Smelter.
1110	Dispatch/PAACC	Contacts PAACC requesting ETA of Lear Jet from Vancouver
Link to Kamloops Dispatch .wav file. 2006.05.17 101015		
Link to Kamloops Dispatch wave .doc file 101015		
Link to PAACC .wav file Kimberely1010		
Link to PAACC wave .doc file Kimberely1010		
1112	Kamloops Dispatch	calls in update that both BCAS crew members are deceased
Link to Kamloops Dispatch .wav file. 2006.05.17 101217		
Link to Kamloops Dispatch wave .doc file 101217		

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
1113	Kamloops Dispatch	confirmed that they have left the airport with Dave Brooks should be at hospital in 10 minutes
Link to Kamloops Dispatch .wav file. 2006.05.17 101351		
Link to Kamloops Dispatch wave .doc file 101351		
1115	PAACC	
Link to PAACC .wav file Kimberley1015		
Link to PAACC wave .doc file Kimberley1015		
1119	Kamloops Dispatch	RCMP passes on condolences
Link to Kamloops Dispatch .wav file. 2006.05.17 101941		
Link to Kamloops Dispatch wave .doc file 101941		
1120	Teck Cominco	Terry Paterson on scene and secure site.
1123	Kamloops Dispatch	requesting information about incident command
Link to Kamloops Dispatch .wav file. 2006.05.17 102316		
Link to Kamloops Dispatch wave .doc file 102316		
1129	Kamloops Dispatch	contacts dispatch 10-7 station
Link to Kamloops Dispatch .wav file. 2006.05.17 102902		
Link to Kamloops Dispatch wave .doc file 102902		
1129	Kamloops Dispatch	Places on city coverage
Link to Kamloops Dispatch .wav file. 2006.05.17 102902		
Link to Kamloops Dispatch wave .doc file 102902		
1132	PAACC	Canadian Global contacts PAACC to determine the status of medics
Link to PAACC .wav file Kimberley1032		
Link to PAACC wave .doc file Kimberley1032		
1133	PAACC	Contacts Les Fisher to advise status of Global airplane
Link to PAACC .wav file Kimberley1033		
Link to PAACC wave .doc file Kimberley1033		
1149	Kamloops Dispatch	charge dispatcher checks with crew to see how they are and if they are ready and able to do calls – they state they are
Link to Kamloops Dispatch .wav file. 2006.05.17 104942		
Link to Kamloops Dispatch wave .doc file104942		

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
1154	Kamloops Dispatch	Radio NL (media) contacts dispatch requesting information about two paramedics being overcome
Link to Kamloops Dispatch .wav file. 2006.05.17 105430		
Link to Kamloops Dispatch wave .doc file 105430		
1201	Kamloops Dispatch	Unknown crew member informing dispatch that incident is already all over the news
Link to Kamloops Dispatch .wav file. 2006.05.17 110141		
Link to Kamloops Dispatch wave .doc file 110141		
1207	Kamloops Dispatch	Dispatch contacted by _____ to inform they are trying to arrange coverage for Fernie
Link to Kamloops Dispatch .wav file. 2006.05.17 110740		
Link to Kamloops Dispatch wave .doc file 110740		
1210	MEMPR	Safety perimeter moved to command center site 200 yards up from main gate access
1231	Kamloops Dispatch	Dispatch contacted by CBC requesting information, patched to Charge Dispatcher
Link to Kamloops Dispatch .wav file. 2006.05.17 113106		
Link to Kamloops Dispatch wave .doc file 113106		
1235	PAACC	Larry Jackson contacts PAACC asked for to call him on the cell phone
Link to PAACC .wav file Kimberely1135		
Link to PAACC wave .doc file Kimberely1135		
1237	Kamloops Dispatch	_____ relief crew member, _____ contacts dispatch asking for information on debriefer, patched to Charge Dispatcher
Link to Kamloops Dispatch .wav file. 2006.05.17 113750		
Link to Kamloops Dispatch wave .doc file 113750		
1237	PAACC	_____ contacts PAACC answering page - told to contact Larry Jackson
Link to PAACC .wav file Kimberely1237		
Link to PAACC wave .doc file Kimberely1237		
1238	Kamloops Dispatch	_____ relief crew, _____ contacts dispatch asking for information on debriefer, noted _____ crew, and _____, wishing to stay on shift
Link to Kamloops Dispatch .wav file 2006.05.17 113807		
Link to Kamloops Dispatch wave .doc file 113807		

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
1240	PAACC	contacts PAACC for an update on Kimberley mine situation. Transferred to
Link to PAACC .wav file Kimberley1140		
Link to PAACC wave .doc file Kimberley1140		
1240	Kamloops Dispatch	Dispatch contacts Dave Brooks indicating s not to return to work yet – Dave Brooks directed them to stay at hospital with other paramedics informed that and are on city cross coverage
Link to Kamloops Dispatch .wav file 2006.05.17 114014		
Link to Kamloops Dispatch wave .doc file 114014		
1241	PAACC	speaks with Randy L'Heureux about Kimberley incident
Link to PAACC .wav file Kimberley1141		
Link to PAACC wave .doc file Kimberley1141		
1245	Kamloops Dispatch	Dispatch attempts to contact
Link to Kamloops Dispatch .wav file 2006.05.17 114505		
Link to Kamloops Dispatch wave .doc file 114505		
1245	Kamloops Dispatch	paged to contact dispatch
Link to Kamloops Dispatch .wav file 2006.05.17 114505		
Link to Kamloops Dispatch wave .doc file 114505		
1245	Kamloops Dispatch	assigned transfer from Cranbrook Hospital to Kimberley Hospital
Link to Kamloops Dispatch .wav file 2006.05.17 114553		
Link to Kamloops Dispatch wave .doc file 114553		
1247	MEMPR	Phil Pascuzzi and Garry MacDonald arrive on scene.
1248	Kamloops Dispatch	calls to inform dispatch that Dave Brooks has instructed him to respond to the airport to pick up Fred Platteel who is flying in
Link to Kamloops Dispatch .wav file 2006.05.17 114851		
Link to Kamloops Dispatch wave .doc file 114851		
1250	Kamloops Dispatch	calls asking for information on the incident
Link to Kamloops Dispatch .wav file 2006.05.17 115038		
Link to Kamloops Dispatch wave .doc file 115038		
1254	Kamloops Dispatch	assigned transfer from Cranbrook Hospital to Cranbrook Airport w/ ALS crew
Link to Kamloops Dispatch .wav file 2006.05.17 115432		
Link to Kamloops Dispatch wave .doc file 115432		

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
1257	Kamloops Dispatch	informs EMD that he is on his way for EMD CISD defusing
Link to Kamloops Dispatch .wav file 2006.05.17 115741		
Link to Kamloops Dispatch wave .doc file 115741		
1334	PAACC	contacts PAACC requesting status on Canadian Global airplane
Link to PAACC .wav file Kimberley1234		
Link to PAACC wave .doc file Kimberley1234		
1336	PAACC	
Link to PAACC .wav file Kimberley1236		
Link to PAACC wave .doc file Kimberley1236		
1337	PAACC	Contacts Canadian Global re status of aircraft - ETA to Cranbrook
Link to PAACC .wav file Kimberley1237		
Link to PAACC wave .doc file Kimberley1237		
1340	PAACC	contacts PAACC to obtain Larry Jackson and Rick Manuel's cell phone numbers
Link to PAACC .wav file Kimberley1240		
Link to PAACC wave .doc file Kimberley1240		
1340	PAACC	Arranging a cab for people flying into Cranbrook on BFB
Link to PAACC .wav file Kimberley1240a		
Link to PAACC wave .doc file Kimberley1240a		
1359	PAACC	Contacts PAACC requesting ETA on Canadian Global
Link to PAACC .wav file Kimberley1259		
Link to PAACC wave .doc file Kimberley1259		
1425	Kimberley Fire Department	Al Collinson and confined space team return to scene, conduct air tests, establish safety perimeter and to ensure public was not at risk. Remained on scene until 1623 conducting perimeter gas checks
1500	MEMPR	Fred Hermann and Richard Booth arrived on scene Fred Hermann assumes control of site
1500	Teck Cominco	Teck Cominco senior staff arrives at office location.
1620	Kimberley Fire Department	arrive with gas testing equipment.
1623	Kimberley Fire Department	Al Collinson and confined space team returned to station

September 27, 2006

Sullivan Mine Incident
Kimberley, BC
May 17, 2006

F. Chronological Order – Time Line

Time	Information Source	Details
1700	MEMPR	Doug Erickson removed from site.
1800	MEMPR	Emergency Response Team arrives on site. Conducts perimeter gas checks
2035	MEMPR	Emergency Response Team stand down for the day
2130	MEMPR	Building locked, site secured, security on site

September 27, 2006