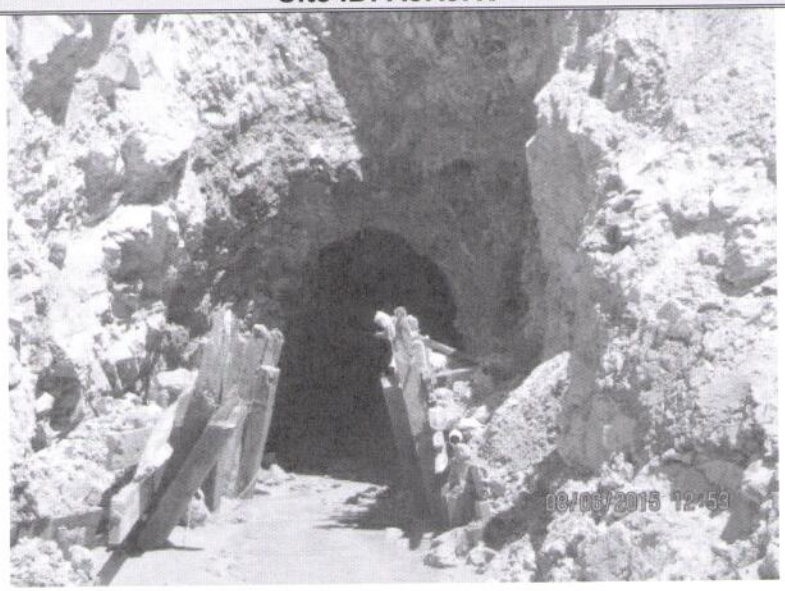
Unified Command

Incident Action Plan

August 13, 2015 0700 MST to August 15, 2015 0700 MST

Gold King Mine Release

Site ID: A8K9RV



Unified Command

Durango, CO

Unified Command
EPA - Craig Myers
State of Colorado - Drew Petersen
State of Colorado - Bruce Holloman
La Plata County - Butch Knowlton
San Juan Basin Health Dept. - Liane Jollon
Southern Ute Indian Tribe - Kathi Gurle
Southern Ute Indian Tribe - Mick Souder
Ute Mountain Ute Tribe - TBD

City of Durango Agency Representative - Terry Hoecker
San Juan County Agency Administrator - Jim Donovan

Gold King Mine Release

Incident Action Plan

8/12/2015 18:00 Hrs

I hereby approve the Incident Action Plan for 8/13/2015 0700 hrs to 8/15/2015 070 hrs

EPA	Craig Myers	
State of Colorado	Drew Petersen	
State of Colorado	Bruce Holloman	
La Plata County	Butch Knowlton	
San Juan Basin Health Dept.	Liane Jollon	
Southern Ute Indian Tribe	Kathi Gurle	
Southern Ute Indian Tribe	Mick Souder	
Ute Mountain Ute Tribe	TBD	

1. Incident Name Gold King Mine Blowout A8K9	2. Operational Period (Date/Time) From: 8/13/2015 0700 To: 8/15/2015 0700	**INCIDENT OBJECTIVES ICS 202-EPA**

3. Incident Objective(s)

- Continue private water well call tracking, follow up actions and owner communications.
- Continue sampling plan development and implement strategy to mitigate risks due to sediment in the river.
- Continue river assessment through sediment and water sampling.
- Continue management of adit discharge and develop call down verification (CDPHE).
- Effectively communicate with public and stakeholders utilizing a multi-faceted communication strategy to dissemination results.
- Ensure health and safety of the public and response management personnel.
- Develop a means to assess the economic impact upon affected communities
- Coordinate with the Colorado Division of water and other stakeholders to assess and begin flushing ditch status
- Provide water of appropriate quality for specified use.
- Develop Veterinarian Consortium, including Colorado Extension.
- Continue to treat water at the mine.
- Stabilize mine road to ensure access 8/12/15.
- Prepare for mine dump stabilization.
- Continue adit discharge management, treatment and sampling.
- Develop draft long term monitoring monitoring plan for public understanding.

4. Operational Period Command Emphasis

Communication openness and transparency with community and stakeholders

5. Safety Objectives for Operational Period

Report all injuries to command post

☐ **Approved Site Safety Plan Located at:**

6. Prepared by: (Planning Section Chief): _Dee Rothery_____ Date/Time: ___8/12/15 1836_____

7. Approved by: (Incident Commander): _____ Date/Time: _____

ORGANIZATION ASSIGNMENT LIST(ICS 203)

1. Incident Name:	2. Operational Period:			
Gold King Mine Blowout A8K9	Date From:	*8/13/15*	Date To:	*8/13/15*
	Time From:	*7:00*	Time To:	*7:00*

3. Incident Commander(s) and Command Staff:

Unified Command	Craig Myers-303-312-7067
	Butch Knowlton-970-749-8122
	Liane Jollon-970-769-0354
Unified Command	continued on page ICS-203 pp 2
Safety Officer	
Public Info. Officer	Claire Macpherson-970.749.5642
Liaison Officer	

4. Agency/Organization Representatives:

Agency/Organization	Name
City of Durango	Ron LeBlanc
La Plata County	Joe Kirby
La Plata County	Jo ann Spina
SJBHD BOH	Bob Ledger
San Juan County	Jim Donovan-970.903.7039
City of Durango	Terry Hoecker-970-759-4312

5. Planning Section:

Chief	Dee Rothery/Karen Dickson
Deputy	
Resources Unit	Luke Chavez-720.320.7250
Situation Unit	Lisa Lloyd/Scott Morrill
Documentation Unit	
Demobilization Unit	
Technical Specialists:	
Resources Unit	Kathie Atencio-303.898.414

6. Logistics Section:

Chief	Steve Barkley 970-759-0202
Deputy	Steve Schroeder-970-201-5997
Support Branch	
Director	
Supply Unit	
Facilities Unit	
Call Center Unit	Jason Meininger-970-903-6642
Service Branch	
Director	
Communications Unit	
Medical Unit	
Food Unit	

7. Operations Section:

Chief	Joyel Dhieux	720-441-9961
Deputy		
Staging Area		
Group	Water Distribution	
Supervisor	Art Slayton	912-656-7211
Deputy		
Team-A		
Team-B		
Team-C		
Group	Water Testing / Wells Sampling	
Supervisor	Joyel Dhieux	720-441-9961
Deputy		
SUIT_SR	Curtis Hartensting	303-842-4995
Team-E		
Team-F		
Team-G		
Group	Mine Site OPS	
Supervisor	Hays Griswold	303-866-1633
Deputy		
Team-LEO	LaPlata SO-Smith	970-769-5290
Group Ditch		
Supervisor	EPA TBD	

8. Finance Administration Section:

Chief	Christine Portillos 720-839-5429
La Plata Co	Diane Sorensen
City of Durango	Julie Brown
SUIT	Brian Zink
Comp/Claims Unit	
EPA Procurement	Phillip Werner

9. Prepared By: Name: **Luke Chavez** Position/Title RESL Signature: Luke D. Chavez

Date/Time: 8/12/2015 20:30hrs

ORGANIZATION ASSIGNMENT LIST(ICS 203)

1. Incident Name:	2. Operational Period:			
Gold King Mine Blowout A8K9	Date From:	*8/13/15*	Date To:	*8/15/15*
	Time From:	*7:00*	Time To:	*7:00*

3. Incident Commander(s) and Command Staff:	
Unified Command	Bruce Holloman State of CO.
Continued	Drew Petersen State of CO.
	Mick Souder SUIT
	Kathi Gurule SUIT
	Tom McNamara, La Plata Cnty EM
Public Info. Officer	
Liaison Officer	

4. Agency/Organization Representatives:	
Agency/Organization	Name

5. Planning Section:	
Chief	
Deputy	
Resources Unit	
Situation Unit	
Documentation Unit	
Demobilization Unit	
Technical Specialists:	

6. Logistics Section:	
Chief	
Deputy	
Support Branch	
Director	
Supply Unit	
Facilities Unit	
Call Center Unit	
Service Branch	
Director	
Communications Unit	
Medical Unit	
Food Unit	

7. Operations Section:		
Chief		
Deputy		
Staging Area		
Group		
Supervisor		
Deputy		
Team-A		
Team-B		
Team-C		
Group		
Supervisor		
Deputy		
SUIT_SR		
Team-E		
Team-F		
Team-G		
Group		
Supervisor		
Deputy		
Team-LEO		
Group Ditch		
Supervisor		

8. Finance Administration Section:	
Chief	Christine Portillos 720-839-5429
Deputy	
Time Unit	
Procurement Unit	
Comp/Claims Unit	
Cost Unit	

9. Prepared By: Name: **Dee Rothery** Position/Title PSC-3 Signature: D. Rothery

ICS 203	IAP Page 3	Date/Time: 8/12/2015 18:00hrs

ICS 207 Colorado – Unified Command
La Plata County Fairgrounds, 2500 Main Ave.
Durango, CO

Website: www2.epa.gov/GoldKing Mine
Site ID: A8K9RV

Unified Command
EPA: Craig Myers
EPA Deputy: Steve Way
CDPS DHSEM: Bruce Holloman/Drew Peterson
SUIT: Mick Souder/Kathy Gurule
La Plata County: Butch Knowlton/Tom McNamara
San Juan Basin Health: Liane Jollon

Public Information Officer
Claire Macpherson

ATSDR: Chris Poulet
LNO: Nat Miullo
Safety Officer: Jason Nakatsu
Safety Officer: Paul Hollar

Operations Chief
Joyel Dhieux

- **Mine Division**
  Steve Way/Hays Griswold
  ERRS/START
- **Sampling Group**
  John West - START
  - START T.F.
    CDPHE T.F.
    La Plata Team
    SUIT Team
- **Ditch Group**
  Joni Sandoval
  - **Assessment Team**
    David R/USCG
    Tactical Planning
    Spot Assessment
    Joni Sandoval
- **Water Distribution Group**
  Art Slayton- ERRS

Planning Section
Deirdre Rothery/Karen Dickson

- **Resource Unit Leader**
  Luke Chavez
  Kathie Atencio
- **Situation Unit Leader**
  Lisa Lloyd/Scott Morrill
- **Environmental Unit Leader**
  Deborah McKean
- **Document Unit Leader**
  R8_Documentation_Unit_Leader@epa.gov
- **Technical Specialists**
  Wendy Obrien
  Bob Brobst
  Greg Powell
  Peter Foster
  Dan Wall

Logistics Section
Steve Barkley/Steve Schroeder
La Plata County

- **EPA Procurement**
  Phillip Werner
- **IT Support**
  Chris Freed

Finance Section
Christine Portillos

Incident Name	Gold King Mine Release
Operational Period:	24 Hours (Day Ops Only)
Prepared By:	KAtencio
Date:	8/12/15

ASSIGNMENT LIST (204)

1. Incident Name:	2. Operational Period:				3,
Gold King Mine Blowout A8K9	Date From:	*8/13/15*	Date To:	*8/15/15*	**Branch I:**
	Time From:	*7:00*	Time To:	*7:00*	

4. Operations Personnel:

	Name	Contact Number(s)
Operations Section Chief:	***Joyel Dhieux***	***720-441-9961***
Branch Director:		
Group Supervisor:	***Art Slayton***	***912-656-7211***

Division-A:

Group: *Water distribution*

Staging Area:

5. Resources Assigned:

Resource Identifier	Leader	# of Persons	Contact e.g., (phone, pager, radio, frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
CROSS FIRE	*TBD*	*1*		

6. Work Assignments:

Receive request for water from call center
Pass request to appropriate contractor
If the request is for bottle water, pass to LaPlata County Fairground CP

7. Special Instructions:

8. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Assignment	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)
/		
/		
/		
/		

9. Prepared by: Name: *Joyel Dhieux* Position/Title: *Ops Sec Chief* Signature:

ICS 204 **IAP Page** *4* Date/Time: *8/12/2015 20:26 hrs*

ASSIGNMENT LIST (204)

1. Incident Name:
Gold King Mine Blowout A8K9

2. Operational Period:
Date From: *8/13/15* Date To: *8/15/15*
Time From: *7:00* Time To: *7:00*

3,
Branch I:
Division-A:
Group: *Water Test/Sampling*
Staging Area:

4. Operations Personnel:

	Name	Contact Number(s)
Operations Section Chief:	*Joyel Dhieux*	*720-441-9961*
Branch Director:		
Division/Group Supervisor:		

5. Resources Assigned:

Resource Identifier	Leader	# of Persons	Contact e.g., (phone, pager, radio, frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
SUIT SR	*Curtis Hartensting*	*2*	*303-842-4995*	*Single Resource*
START	*John West*	*12*	*303-748-3304*	*6 strike teams 2 person ea*
CDPHE	*Heather Drissel*	*4*		*sampling staff*
La Plata County	*?*	*1*		*staff*

6. Work Assignments:
Conduct sampling of sediment, river water, well water and public water systems as per sampling plan.

7. Special Instructions:

8. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Assignment	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)
/		
/		
/		
/		

9. Prepared by: Name: *Joyel Dhieux* Position/Title: *Ops Sec Chief* Signature:

ICS 204 **IAP Page** 5 Date/Time: *8/12/2015 20:30 hrs*

ASSIGNMENT LIST (204)

1. Incident Name: ***Gold King Mine Blowout A8K9***

2. Operational Period:
Date From: *8/13/15* Date To: *8/15/15*
Time From: *7:00* Time To: *7:00*

3,
Branch II:
Division-D:
Group: *Mine Site OPS*
Staging Area:

4. Operations Personnel:

	Name	Contact Number(s)
Operations Section Chief:	***Joyel Dhieux***	***720-441-9961***
Branch Director:		
Division/Group Supervisor:	***Steve Way***	***303-866-1640***

5. Resources Assigned:

Resource Identifier	Leader	# of Persons	Contact e.g., (phone, pager, radio, frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
EPA OSC	*Hays Griswold*	*3*	*303-866-1633*	*Mine 0700*
START	*Megan Oller*	*2*	*720-635-6826*	*Mine 0700*
ERRS	*Matt Francis*	*4*	*303-994-6611*	*Mine 0700*

6. Work Assignments:
Treat and sample discharge at site.
and maintain mine and mine road stability

Improve Wasterock

7. Special Instructions:

8. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Assignment	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)
/		
/		
/		
/		

9. Prepared by: Name: *Joyel Dhieux* Position/Title: *Ops Sec Chief* Signature: FOL

ICS 204 **IAP Page** 6 Date/Time: *8/12/2015 20:30 hrs*

ASSIGNMENT LIST (204)

1. Incident Name:
Gold King Mine Blowout
A8K9

2. Operational Period:
Date From: *8/13/15* Date To: *8/15/15*
Time From: *7:00* Time To: *7:00*

3,
Branch II:
Division-D:
Group: *Ditch*
Staging Area:

4. Operations Personnel:

	Name	Contact Number(s)
Operations Section Chief:	*Joyel Dhieux*	*720-441-9961*
Branch Director:		
Division/Group Supervisor:	*Joni Sandoval*	*303-241-1356*

5. Resources Assigned:

Resource Identifier	Leader	# of Persons	Contact e.g., (phone, pager, radio, frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
EPA-OSC	*David Romero*	*1*		*Ditch Assessment*
USCG	*?*	*1*		*Ditch Assessment*

6. Work Assignments:
Rapid assessment of ditches

7. Special Instructions:

8. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Assignment	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)
/		
/		
/		
/		

9. Prepared by: Name: *Joyel dhieux* Position/Title: *Ops Sec Chief* Signature:

ICS 204 **IAP Page** 7 Date/Time: *8/12/2015 20:30 hrs*

NATIONAL WEATHER SERVICE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

News Headlines

- Take Action to Stay Safe when Severe Weather Threatens

Hazardous Weather Conditions

- Hazardous Weather Outlook

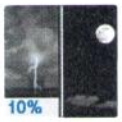
En Español Share |

Current conditions at
Durango (22) (CO058)
Lat: 37.26867°N **Lon:** 107.8842°W **Elev:** 6439ft.

NA
76°F
24°C

Humidity	36%
Wind Speed	NA
Barometer	NA
Dewpoint	47°F (8°C)
Visibility	NA
Heat Index	78°F (26°C)
Last update	12 Aug 11:07 am MDT

Extended Forecast for
Durango CO

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
								
10%	10%	20%	10%					
Isolated T-storms	Slight Chance T-storms then Mostly Clear	Sunny then Slight Chance T-storms	Slight Chance T-storms then Partly Cloudy	Sunny	Partly Cloudy	Mostly Sunny	Partly Cloudy	Mostly Sunny then Slight Chance T-storms
High: 83 °F	**Low: 54 °F**	**High: 85 °F**	**Low: 55 °F**	**High: 86 °F**	**Low: 56 °F**	**High: 87 °F**	**Low: 56 °F**	**High: 87 °F**

Detailed Forecast

Today
Isolated showers and thunderstorms after 2pm. Mostly sunny, with a high near 83. Southeast wind 5 to 10 mph becoming south southwest in the afternoon. Chance of precipitation is 10%.

Tonight
A 10 percent chance of showers and thunderstorms before 7pm. Partly cloudy, with a low around 54. West southwest wind 5 to 10 mph becoming north northeast after midnight.

Thursday
A 20 percent chance of showers and thunderstorms after 1pm. Mostly sunny, with a high near 85. Light and variable wind becoming west 5 to 10 mph in the afternoon.

Thursday Night
A 10 percent chance of showers and thunderstorms before midnight. Partly cloudy, with a low around 55. West northwest wind around 10 mph becoming north northeast after midnight.

Friday
Sunny, with a high near 86. North northeast wind 5 to 10 mph becoming west southwest in the morning.

Friday Night
Partly cloudy, with a low around 56.

Saturday
Mostly sunny, with a high near 87.

Saturday Night
Partly cloudy, with a low around 56.

Sunday
A slight chance of showers and thunderstorms after noon. Mostly sunny, with a high near 87.

Sunday Night
A slight chance of showers and thunderstorms before midnight. Mostly cloudy, with a low around 56.

Monday
Mostly sunny, with a high near 85.

Monday Night
Partly cloudy, with a low around 54.

Tuesday
Mostly sunny, with a high near 84.

-|- Requested Location Forecast Area

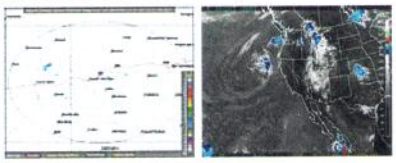
Point Forecast:
Durango CO
37.27°N 107.88°W (Elev. 6598 ft)

Last Update:
8:48 am MDT Aug 12, 2015

Forecast Valid:
11am MDT Aug 12, 2015-6pm MDT Aug 18, 2015

Additional Resources

Radar & Satellite Image



Hourly Weather Graph

NATIONAL WEATHER SERVICE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

News Headlines

- Take Action to Stay Safe when Severe Weather Threatens

Hazardous Weather Conditions

- Hazardous Weather Outlook

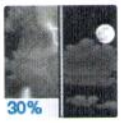
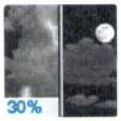
En Español Share |

Current conditions at
MOLAS PASS (CAMLP)
Lat: 37.75139°N **Lon:** 107.69111°W **Elev:** 10801ft.

NA
55°F
13°C

Humidity 61%
Wind Speed SW 7 G 17 MPH
Barometer NA
Dewpoint 42°F (6°C)
Visibility NA
Last update 12 Aug 11:00 am MDT

Extended Forecast for
7 Miles SSW Silverton CO

This Afternoon	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
40%	 30%	40%	 30%	20%	10%	30%		
Scattered T-storms	Chance T-storms then Partly Cloudy	Chance T-storms	Chance T-storms then Partly Cloudy	Mostly Sunny then Slight Chance T-storms	Slight Chance T-storms then Partly Cloudy	Chance T-storms	Slight Chance T-storms then Partly Cloudy	Chance T-storms
High: 69 °F	**Low: 43 °F**	**High: 67 °F**	**Low: 43 °F**	**High: 69 °F**	**Low: 44 °F**	**High: 68 °F**	**Low: 45 °F**	**High: 68 °F**

Detailed Forecast

This Afternoon
Scattered showers and thunderstorms. Mostly cloudy, with a high near 69. South wind around 10 mph. Chance of precipitation is 40%.

Tonight
A 30 percent chance of showers and thunderstorms, mainly before 8pm. Partly cloudy, with a low around 43. South southwest wind 5 to 10 mph becoming light and variable in the evening.

Thursday
A 40 percent chance of showers and thunderstorms, mainly after 11am. Partly sunny, with a high near 67. Calm wind becoming west southwest around 5 mph in the afternoon.

Thursday Night
A 30 percent chance of showers and thunderstorms before midnight. Partly cloudy, with a low around 43. Northwest wind 5 to 10 mph becoming east in the evening.

Friday
A 20 percent chance of showers and thunderstorms after noon. Mostly sunny, with a high near 69. North wind 5 to 10 mph becoming west in the afternoon.

Friday Night
A 10 percent chance of showers and thunderstorms before midnight. Partly cloudy, with a low around 44.

Saturday
A 30 percent chance of showers and thunderstorms, mainly after noon. Partly sunny, with a high near 68.

Saturday Night
A slight chance of showers and thunderstorms before midnight. Partly cloudy, with a low around 45.

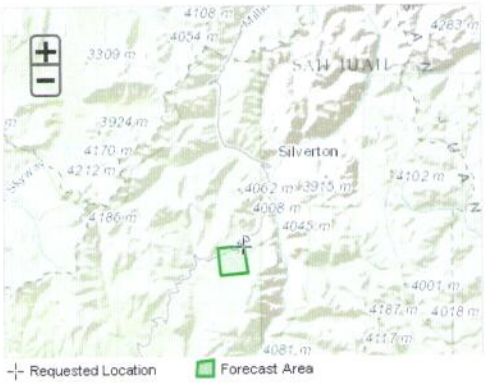
Sunday
A chance of showers and thunderstorms, mainly after noon. Partly sunny, with a high near 68.

Sunday Night
A slight chance of showers and thunderstorms before midnight. Mostly cloudy, with a low around 44.

Monday
A chance of showers and thunderstorms. Partly sunny, with a high near 67.

Monday Night
Mostly cloudy, with a low around 44.

Tuesday
A chance of showers and thunderstorms. Partly sunny, with a high near 66.



-|- Requested Location Forecast Area

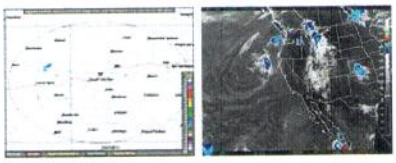
Point Forecast:
7 Miles SSW Silverton CO
37.73°N 107.71°W (Elev. 10719 ft)

Last Update:
11:48 am MDT Aug 12, 2015

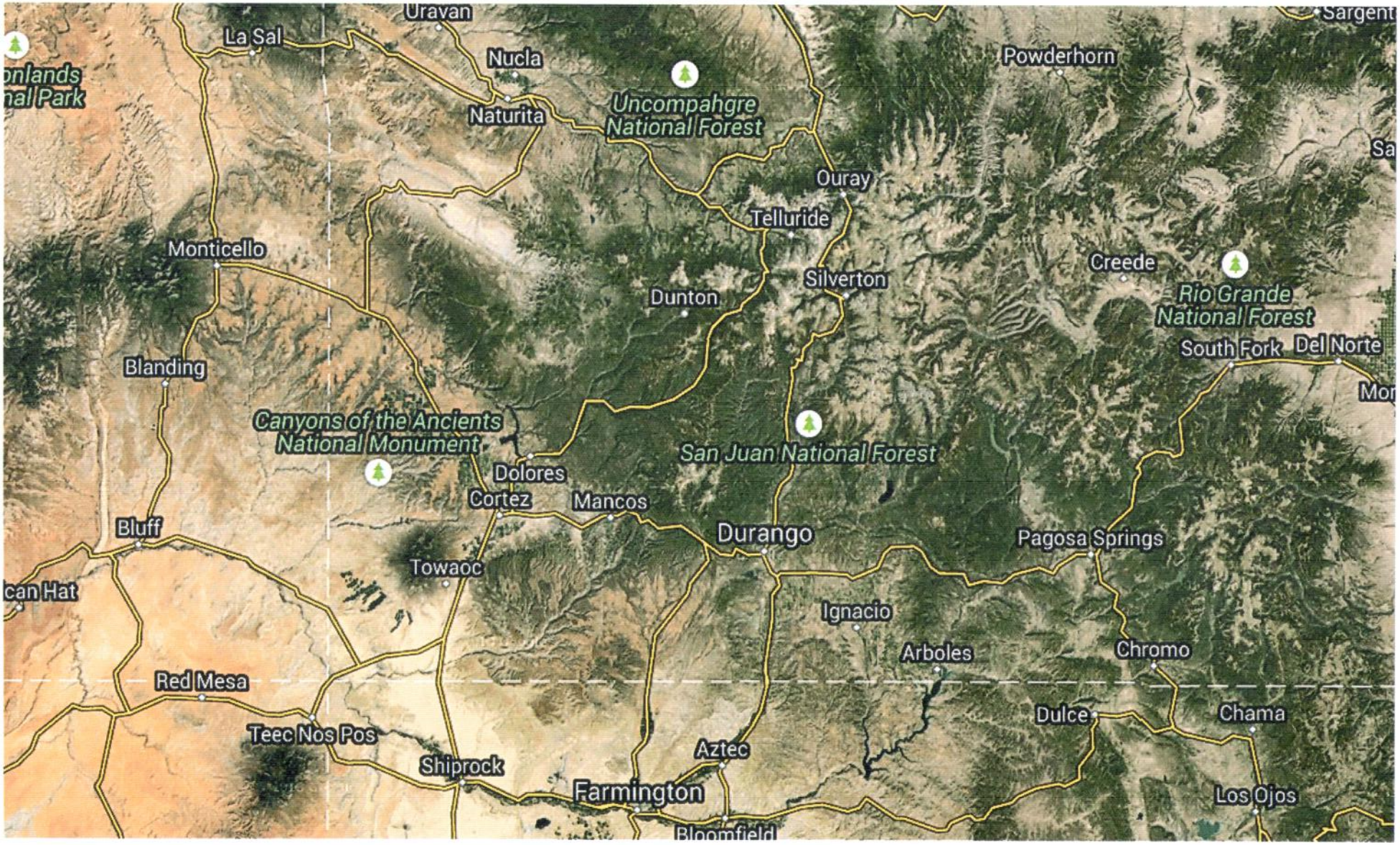
Forecast Valid:
12pm MDT Aug 12, 2015-6pm MDT Aug 18, 2015

Additional Resources

Radar & Satellite Image



Hourly Weather Graph


Google
Uravan
La Sal
Nucla
Naturita
Uncompahgre National Forest
Powderhorn
Sargent
Ouray
Telluride
Monticello
Silverton
Creede
Dunton
Rio Grande National Forest
South Fork
Del Norte
Blanding
Canyons of the Ancients National Monument
San Juan National Forest
Dolores
Cortez
Mancos
Bluff
Durango
Pagosa Springs
Towaoc
Ignacio
Arboles
Chromo
Red Mesa
Dulce
Chama
Teec Nos Pos
Aztec
Shiprock
Farmington
Los Ojos
Bloomfield

MEDICAL PLAN (ICS 206)

1. Incident Name: Gold King Mine	2. Operational Period: Date From:8/13/15 Date To:8/15/15 Time From: 7:00 am Time To:7:00pm

3. Medical Aid Stations:

Name	Location	Contact Number(s)/Frequency	Paramedics on Site?
Urgent Care	2577 Main Street, Durango, CO	970-247-8382	Yes

4. Transportation (indicate air or ground):

Ambulance Service	Location	Contact Number(s)/Frequency	Level of Service
			☐ ALS ☐ BLS
			☐ ALS ☐ BLS
			☐ ALS ☐ BLS
			☐ ALS ☐ BLS

5. Hospitals:

Hospital Name	Address, Latitude & Longitude if Helipad	Contact Number(s)/ Frequency	Travel Time		Trauma Center	Burn Center	Helipad
			Air	Ground			
Mercy Medical Center	1010 Three Springs Blvd,	970-764-2100 ER 970-247-4311 (main)	5 min	20 min	Yes	No	Yes

6. Special Medical Emergency Procedures:

In the event of an emergency call 911 and seek medical attention immediately.

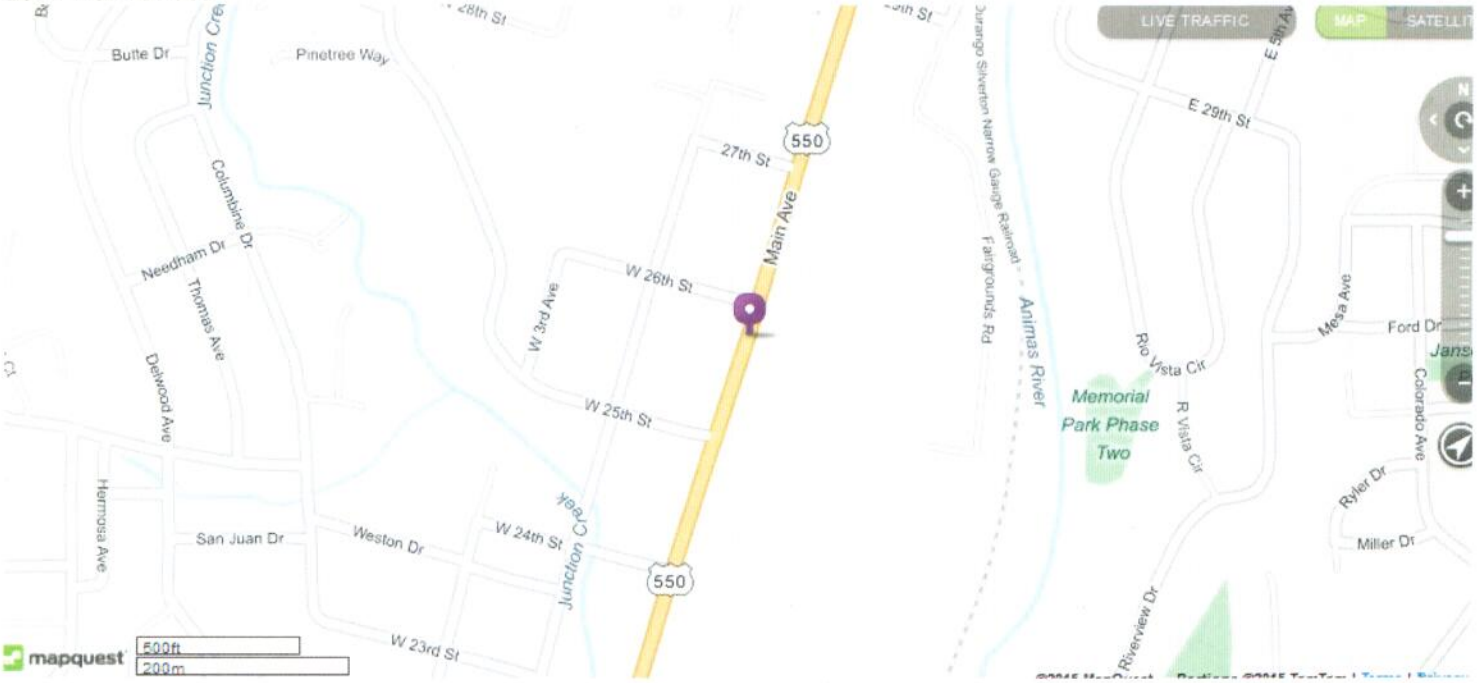
☐ Check box if aviation assets are utilized for rescue. If assets are used, coordinate with Air Operations.

7. Prepared by (Medical Unit Leader): Name:_____ Signature:_____

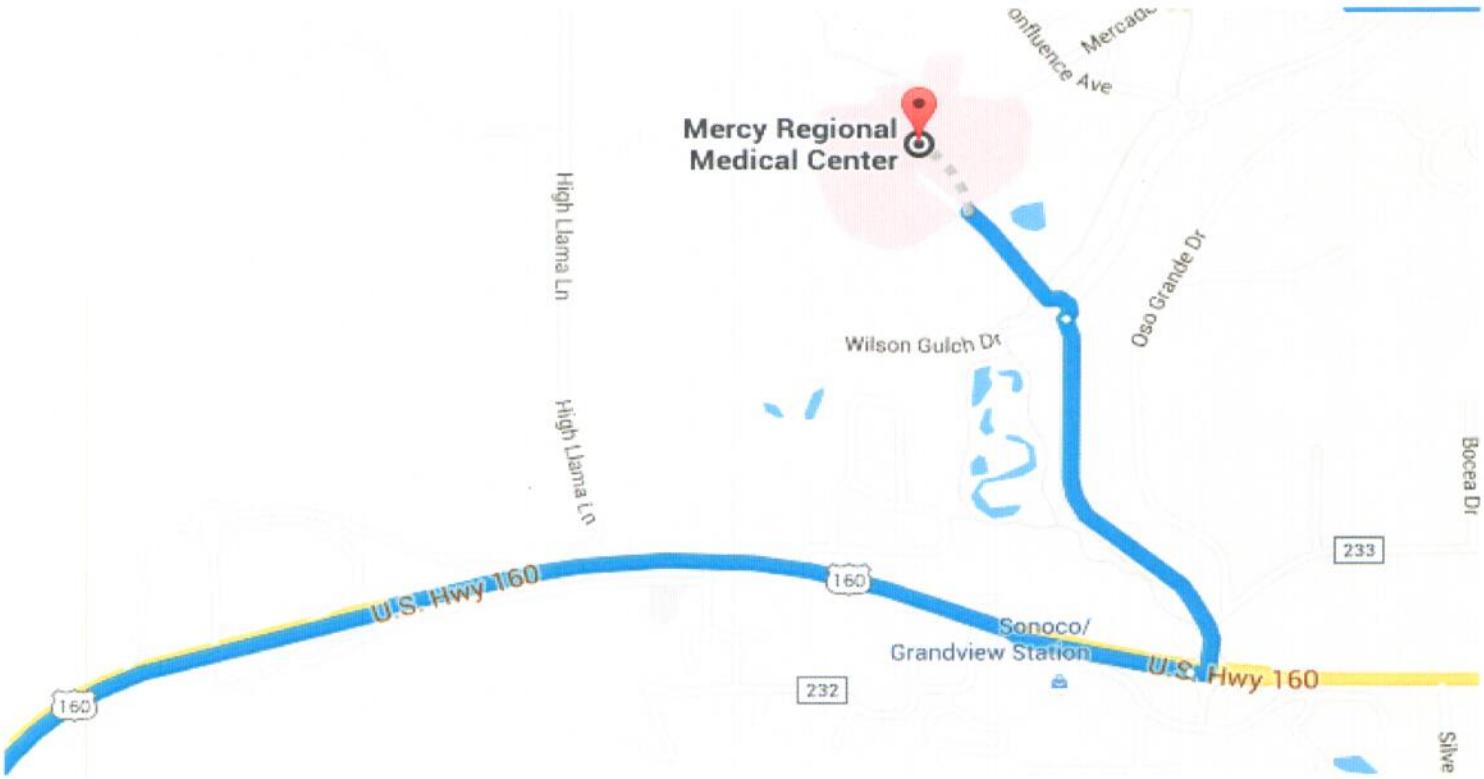
8. Approved by (Safety Officer): Name:Jason Nakatsu_____ Signature:_____

ICS 206	IAP Page _____	Date/Time: 8/12/15 9:00am

Urgent Care Map
2577 Main Street



Mercy Medical Center
1010 Three Springs Blvd



Safety Message (ICS 208)

1. Incident Name: Gold King Mine Blowout	2. Operational Period: Date From: 8/13/15 Time From: 7:00 am	Date To: 8/14/15 Time To: 7:00 am

Safety Message/Expanded Safety Message, Safety Plan, Site Safety Plan:

As you continue to increase field activities please remember to be observant of the weather and be watchful of any unstable ground, continue your awareness of slip, trips, and falls. Wear appropriate footwear.

Prior to the start of the day, please recheck your field PPE. Anyone visiting the mine site is required to wear at minimum safety shoes, a hard hat, safety vest, and protective eyewear. Review MSDS sheets prior to handling any hazardous material. Ensure you decon your PPE properly after use. If you need additional PPE see your supervisor or the safety officers.

The altitude makes the sun exposure more intense, continue to hydrate and use the buddy system. Use sunscreen, wear a hat, and take frequent breaks.

Fatigue will become an issue with the stress of the situation, long hours, etc. Please remember to take breaks, remember to eat, stay hydrated, and avoid the use of alcohol. A laugh here and there doesn't hurt either!

A portion of U.S. Highway 550 is listed alongside the "highway of death" in Iraq and the "Death Road" in Bolivia as one of the 12 most dangerous roads in the world. Only 12 roads in the world made the list.

In southwest Colorado you don't need a hunting license; you have a driver's license, please watch for wildlife, avoid distracted driving (texting and talking), wear your seatbelt, and obey all traffic laws.

4. Site Safety Plan Required? Yes

Approved Site Safety Plan(s) Located At: Gold King Mine (mine operations), Combined water & sediment sampling health and safety plan is under development (8/11/15-EPA IMT SO arrival pending continued work)

5. Prepared by: Name:Jason Nakatsu, Paul Hollar Position/Title:SO, SOF3_____ Signature: _____

ICS 208 **IAP Page** _____ Date/Time: 8/12/15 4:00pm _____

for Paul Hollar

Incident Action Plan (ICS 215A)

1. Incident Name:
Gold King Mine

2. Incident Number: A8K9

3. Date/Time Prepared:
Date:8/13/15 Time:4:00pm

4. Operational Period: 8/13/15 thru 8/15/15 06:00-06:00

5. Incident Area **6. Hazards/Risks** **7. Mitigations**

5. Incident Area Operations:

Mine Operations: Treatment of mine waste (settling ponds) also by adjusting ph by adding flocculants. Full Site HASP for Gold King Mine operations are detailed in the site specific health and safety plan located with the site OSC.

Sample Teams: Three water sampling teams have been developed to sample the river water, river sediment, and private well water. CDPHE is performing municipal water sampling and not included in the EPA ops plan.

River Sampling: START is collecting river water samples at seven locations, four in Durango and three in Silverton.

Sediment Sampling: START is collecting composite 2" sample sediment cores along the river in Durango and at various public access points throughout the city. Two sampling teams are deployed for these activities during this operational period.

Well Sampling: Well sampling is currently being performed with two START teams encompassing private water wells.

Water distribution: Based on city and private citizen requests EPA START is providing water distribution services of both potable and non-potable water.

6. Hazard/Risks – per operations & general hazard information

Mine Operations: Hazards/Risks are identified in the site specific health and safety plan per the mine operations plan.
Sample Teams: Some of the hazards and risks for the sample teams are severe weather, altitude, fatigue, heat stress/proper hydration, slip trips and falls, along with drivers safety.

7. Mitigations:

Mine Operations: Mitigations and PPE are specified in the site specific health and safety plan operations.
Sample Teams: severe weather awareness, PPE including PFD's (if needed), basic field H&S awareness, drivers safety.

8. Prepared by (Safety Officer): Name:Jason Nakatsu Signature:
Prepared by (Operations Section Chief): Name: Joyel Dhieux Signature:

ICS 215A Date/Time: 8/12/2015 4:00pm

1. Incident Name Gold King Mine Release	2. Operational Period (Date/Time) From: 08/13/15 0700hrs To: 08/15/15 0700hrs	DAILY MEETING SCHEDULE ICS 230-CG

3. Meeting Schedule (Commonly-held meetings are included)

7:00	Stand up Briefing
7:30	Unified Command – Priorities and Objectives
8:30	Command and General Staff Meeting
12:00	Multistate call - MACQ Group Call
13:30	State Agency Coordination Call
14:00	Congressional Conference Call
15:00	Media Call
1530	Planning Meeting
1530	Tech meeting
1630	Policy Technical Brief
1800	Unified Command Meeting

Note: Tactics meeting TBD

4. Prepared by: (Planning Section Chief) Dee Rothery, EPA R8	Date/Time 08/12/15 1130