

2017 KENTUCKY RIVER MINE RESCUE CONTEST DAY 1

KENTUCKY RIVER MINE RESCUE CONTEST SUPERINTENDENT STATEMENT DAY 1 JUNE 13, 2017

Thank you for coming to help us. You are located at the fresh air base of the Haz-Co #1 mine. This is a very large mine with multiple working sections and interconnected fans and air courses.

A mine rescue team was able to explore to the area inby the area you will be exploring. They were stopped by water in the #1 entry by caved in the #2 entry and unsafe roof in number 3 entry. Another team was able to setup a safe return and intake inby that you can use to ventilate through. The fan ventilating this area is exhausting and will pull air through the area you will be exploring if you do not maintain an airlock or you can stall both fans if they are pulling or pushing against each other. The area is currently air-locked inby the fresh air base.

The air is currently going across the fresh air base and there is a safe return and intake outby that you can use to ventilate through. The fan is currently blowing.

The mine has a history of bad roof, water and methane. The mine maps are up to date. We have a competent life line person to give and take life line signals if necessary.

When the team is traveling they can only carry 1 timber per working team member and they must carry their own timber in their hand. Brattice cloth and line curtain must be either carried in the hand or on the stretcher. No throwing, kicking, pitching etc. of timbers, water pump, brattice cloth or line curtains by the team members.

Please find the 5 missing miners that were in this area of the mine that you will be exploring. Thank you and good luck.

PROBLEM DAY 1

DO NOT STALL EITHER FAN, AS IT WILL CAUSE DAMAGE TO THEM.

TO PREVENT STALLING ONE FAN HAS TO BE BLOWING AND THE OTHER EXHAUSTING WHEN USING BOTH FANS.

BOTH FANS MUST REMAIN RUNNING EXCEPT WHEN MAKING VENTILATION CHANGES BY REVERSING THE FANS.

THE RETURN AND INTAKE OUTBY
THE FAB AND INBY AREAS HAVE BEEN
EXPLORED AND IS SAFE TO VENTILATE
THROUGH.

ACCOUNT FOR ALL 5 MISSING MINERS THAT ARE IN THE AREA YOU ARE EXPLORING AND BRING SURVIVORS TO THE FAB.

EXPLORE ALL AREAS OF THE MINE THAT CAN BE DONE SAFELY

PATIENT STATEMENT

HELP!! GET ME OUT OF HERE.

MY LEG IS HURT.

KENTUCKY RIVER MINE RESCUE CONTEST DAY 1 JUDGES BRIEFING

Number 1 entry GT DI Airlock GT inby stopping Number 2 entry GT DI Airlock GT inby stopping Number 3 entry GT DI Airlock GT inby stopping The teams can enter either the #2 or #3 entry. We are setting this up as if they are entering number 3 entry first.

#1 Entry the team can make inby the stopping without advancing team. DI GT at water.

Team Stop before breaching stopping. Team Check

Team Stop 1 Crosscut between 2 & 3 GT Inby GT RR

Team Stop 2
RR intersection Zig – Zag
INBY GT DI
Crosscut between 1 & 2 GT Touch Patient Assess DI Take to

FAB (If they take out #2 do not need oxygen if take out #3 must be under oxygen.

Outby GT DI

Team Stop 3 Inby GT DI RR Outby GT DI Team Stop 4
Patient reads statement
Inby GT DI
Crosscut between 2 & 3 GT

Team Stop 5
Inby GT DI RR
Outby DI GT
Crosscut between 1 & 2 GT DI RR

Vent 1 Pump 1 and Pump 2 either one first. Vent 2

Team Stop 6
Entering barricade GT
GT DI RR
Set two rows of timbers to get patient.
Touch Patient Assess remove to FAB.
Captain has to set timbers on inby side and crosscut of the unsafe roof but does not have to go inby at this time.
Inby RR Touch Body DI Caved GT DI RR
Crosscut between 2 & 3 RR GT DI

Team Stop 7
Going through barricade GT
Crosscut between 1 & 2 GT
Inby GT
Outby GT DI RR

Team Stop 8
Inby GT
Outby DI GT

Team Stop 9
Inby GT DI
Crosscut between 1 & 2 GT

Team Stop 10
Outby GT
Inby GT DI RR
Crosscut between 2 & 3 GT DI

Vent 3 The team could also take gases on through crosscut and down the number 3 entry instead of setting timbers in number 2 entry.

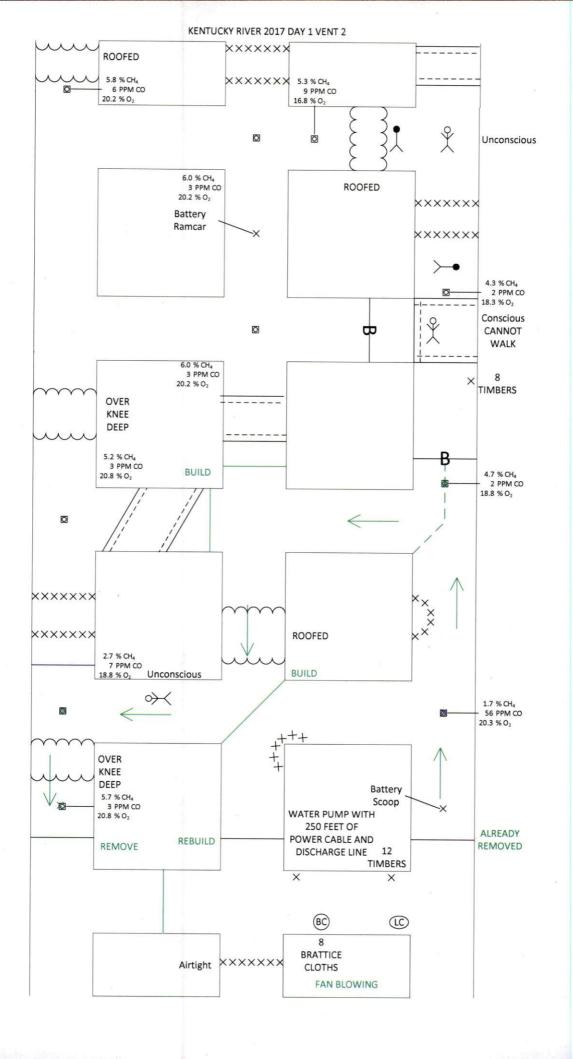
Pump 3

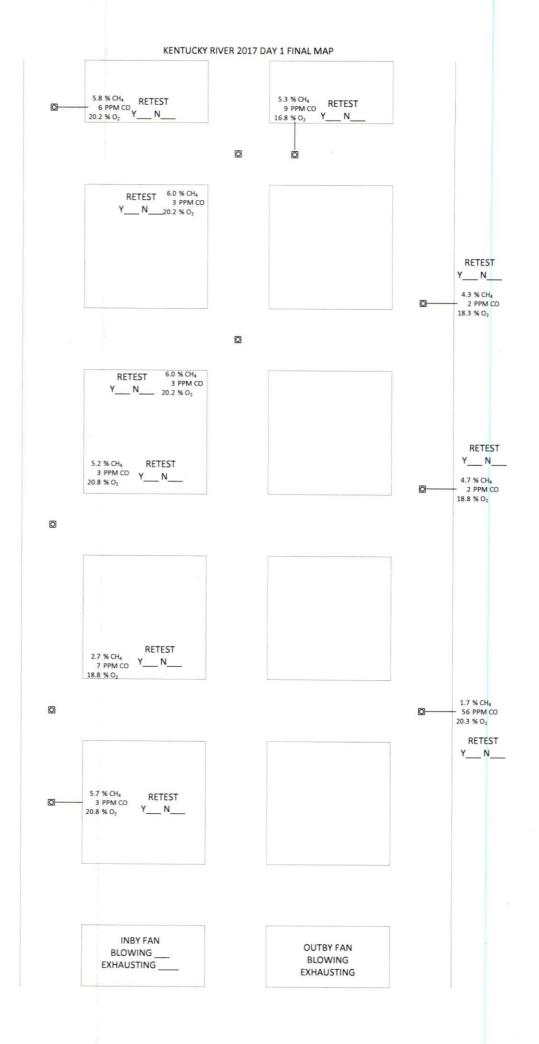
Team Stop 11
Touch Body DI
Touch Patient Assess DI remove to FAB
Outby GT DI RR
Inby GT DI RR

STOP CLOCK

FAN EXHAUSTING

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KENTUCKY RIVER 2017 DAY 1 TEAM MAP

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WATER 12	s
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PUMP TIMBER X X BC 8	

KENTUCKY RIVER 2017 DAY 1 BLANK MAP

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