

Bates-Hunter Mine Site
431 Gregory St.
Central City, CO 80427

For

George E. Otten
President
Central City Consolidated Mining Co.
11438 County Road 19
Fort Lupton, CO, 80621

Completed by

Matt Collins, PE
General Manager
Black Fox Mining LLC



Contents

1	Introduction.....	3
2	Site Information	3
2.1	Site Location	3
2.2	Fuel Storage Area.....	3
2.3	Drum Storage Area.....	3
3	Remediation Work Performed	7
3.1	Fuel Storage Area.....	7
3.2	Drum Storage Area.....	14
4	Inventory of Remaining Chemicals	16
4.1	Petroleum, Vegetable or Related Products.....	16
4.2	Other Reportable Chemicals	17
5	Solids Removal	19
6	Liquids Removal	19
7	Conclusion	19
	APPENDIX A – DRMS Inspection Report, 4/26/2016.....	21
	APPENDIX B – Receipts for materials transfer.....	22
	APPENDIX C – Job Procedures.....	23

Figures

Figure 1 - Portion of Bates-Hunter site map.....	4
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Photos

Photo 1 - Fuel Storage Area.....	5
Photo 2 - Fuel Storage Area.....	6
Photo 3 - Drum Storage Area.....	7
Photo 4 - Relocated Crates of Steel Mine Supplies	8
Photo 5 - Fuel Storage Area - Drums removed, some excavation complete	8
Photo 6 - Vacuuming and rinsing the liner	9
Photo 7 - Liner Vacuumed and Rinsed	10
Photo 8 - Liner Removal.....	11
Photo 9 - Contaminated Soils Removed	12
Photo 10 - Remediation Complete.....	13
Photo 11 - Drums Relocated into Water Treatment Building.....	14
Photo 12 - Drum Storage Area – Excavated and cleaned.	15
Photo 13 - Drums Staged for Transport Offsite.....	16
Photo 14 - Sulphuric Acid Storage	18

1 Introduction

In July of 2016, Black Fox Mining LLC (“Black Fox”) was contracted by George Otten, President of Central City Consolidated Mining Co. (“CCMC”) regarding possible violations note by the Colorado Division of Reclamation, Mining and Safety (“DRMS”) at the Bates-Hunter Mine (Attached as Appendix A). Black Fox was contracted by CCMC on July 19, 2016 to complete corrective actions as provided by the DRMS. Between July 20, 2016 and October 19, 2016, Black Fox Mining LLC conducted work at the site (as proposed and described in “BatesHunter Cleanup Procedures.pdf” (Attached as Appendix C). This report summarizes the completion of that work and provides documentation as required by the DRMS.

2 Site Information

2.1 Site Location

The site is the Bates-Hunter Mine, Colorado Mined Land Reclamation Board Permit M-1990-041, located at 431 Gregory St., Central City, CO 80427. As noted in the DRMS Inspection Report of April 26, 2016, the areas to be addressed were the “fuel storage area” including the secondary containment and a “drum storage area”.

2.2 Fuel Storage Area

The “fuel storage area” consisted of an approximately ten (10) foot square, three (3) foot deep impoundment, lined with a rubber membrane upon which wooden blocks sat. Upon the wooden blocks, a diesel fuel tank, a steel drum rack and various other small containers sat. The liner had captured many years of meteoric water and at some point, had been contaminated by the introduction of used oil. Photographs 3, 4 and 5 of the DRMS Inspection Report document the condition of the fuel storage area prior to remediation work being performed. Additional photographs are provided below. The “fuel storage area” is located on the east side of the water treatment building (see Figure 1, below).

2.3 Drum Storage Area

The “drum storage area” was a concrete pad adjacent to the hoist house where several drums had been placed (see Figure 1). Photograph 1 of the DRMS Inspection Report documents the condition of the overtopping drum located at the “drum storage area”. Additional photographs are provided below.

Drum Storage Area

Fuel Storage Area

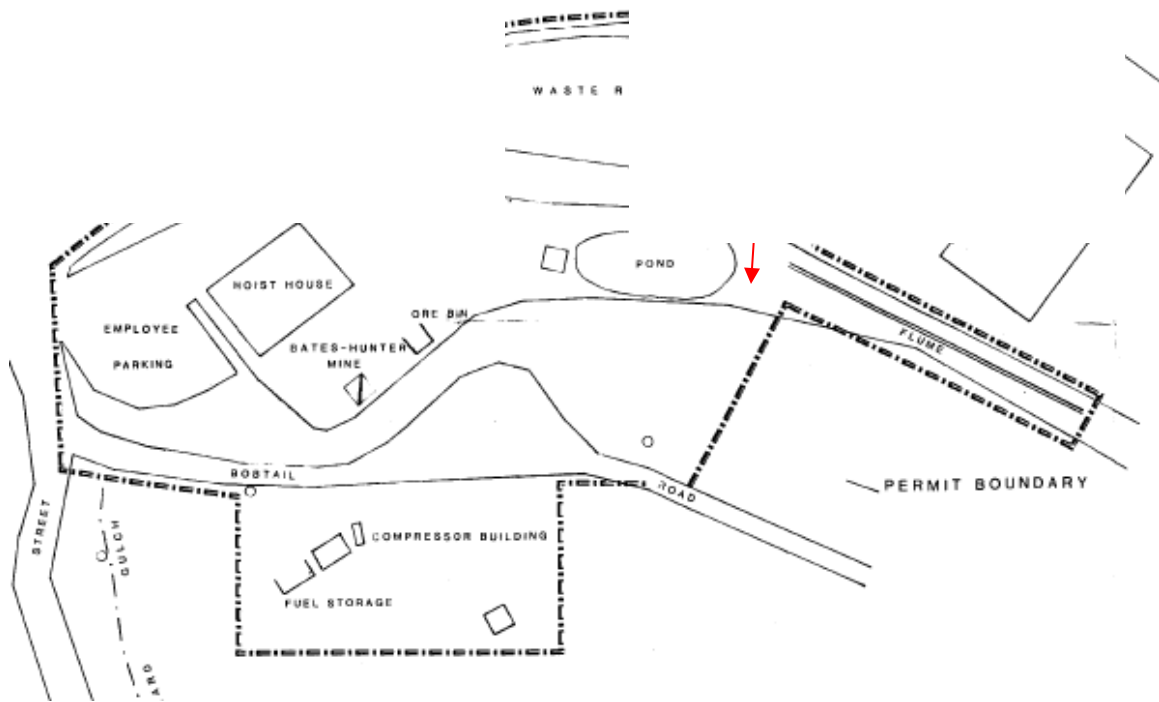


Figure 1 - Portion of Bates-Hunter site map

This figure depicts the approximate location of the “fuel storage area” in relation to the original permit boundary (March 1990).



Photo 1 - Fuel Storage Area

This photo shows the fuel storage area, partially obstructed from view by crates of steel mine supplies. This photo was taken prior to the initiation of the remediation work. Note the building on the left and the concrete retaining wall on the right as landmarks for subsequent photos.



Photo 2 - Fuel Storage Area

This photograph shows the condition of the secondary containment and the evidence of localized spillage of oily fluids upon the soils after the obstructing crates of mine supplies have been removed.



Photo 3 - Drum Storage Area

This photo shows the three drums located at the “drum storage area” prior to remediation work commencing.

3 Remediation Work Performed

3.1 Fuel Storage Area

Work was completed on the remediation of the fuel storage area in accordance with Procedures 1-5 of the Bates-Hunter Cleanup Procedures (“Procedures”) (See Appendix C). The only deviation from these procedures was the moving of the crates of steel mining supplies and other materials from in front of the “fuel storage area” by hand rather than using the CCMC Hyster forklift as described in Procedure 1 – “Establish access to secondary containment area”. The forklift was unable to traverse the uneven and rocky ground to the “fuel storage area”. All materials were subsequently moved by hand to the north wall of the water treatment building (see Photo 4, below).



Photo 4 - Relocated Crates of Steel Mine Supplies



Photo 5 - Fuel Storage Area - Drums removed, some excavation complete

This image shows the work in progress. All drums have been removed, the rubber liner has been pulled back to expose the contaminated soils, which have been partially removed at this point.



Photo 6 - Vacuuming and rinsing the liner

Vacuum removal of the oily liquids in the containment was performed by Enviro-Vac, a subcontractor of AET Environmental. This photo shows the liquids largely removed and water being used to rinse the liner and remaining items on it.



Photo 7 - Liner Vacuumed and Rinsed

The drum rack, all wooden materials and the fuel tank were removed from the lined impoundment. The fuel tank was empty and locked. It remains on site, empty and not in service.



Photo 8 - Liner Removal

The liner was rolled onto itself, containing all remaining materials. Note little to no soil contamination under the liner. Remaining material in the liner were shoveled into steel drums by hand. The liner was disposed of as non-hazardous waste at Boulder County Transfer near Nederland, CO (see receipt in Appendix A).



Photo 9 - Contaminated Soils Removed

All contaminated soils were removed and placed into refurbished steel drums for transport and disposal offsite. Clean rocks were placed into holes to reduce tripping hazards while working.



Photo 10 - Remediation Complete



Photo 11 - Drums Relocated into Water Treatment Building

3.2 Drum Storage Area

Procedure 6 was completed. Cleanup included the washing of the concrete slab with a biodegradable degreaser/cleaner. All materials excavated from near the slab were placed in steel drums for removal/disposal offsite.



Photo 12 - Drum Storage Area – Excavated and cleaned.

The holes from the excavation at the “drum storage area” were filled with a sand/gravel concrete aggregate mix.



Photo 13 - Drums Staged for Transport Offsite

4 Inventory of Remaining Chemicals

On a typical industrial site, there are numerous chemicals ranging from household cleaners, to paints, fuels, lubricants, etc. The Bates-Hunter site is not an exception from this. Pursuant to 40CFR§112, containers equal to or greater than fifty-five (55) gallons are included in the following inventory. Additionally, beyond household chemicals/cleaners, the only SARA Title III, Consolidated List of Chemicals subject to the Emergency Planning and Community Right-To-Know Act (EPCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), et seq., (“List of Lists”) chemical identified was Sulfuric Acid, (however the CERCLA reporting quantity is 1,000 pounds, higher than the amount stored.).

4.1 Petroleum, Vegetable Oils or Related Products

- 1 – steel drum (capacity of fifty-five (55) gallons), Hydraulic Oil, twenty-four (24) gallons.
- 1 – steel drum, Motor Oil, sixteen (16) gallons
- 1 – steel drum, Gear Oil, seven (7) gallons
- 1 – steel drum, Rock Drill Oil (vegetable), eleven (11) gallons

- 1 – steel drum, Heavy Gear Oil, one (1) gallon.
- 1 – steel drum, Tannergas (Methanol) antifreeze, one (1) gallon
- 1 – steel drum, Air Compressor Oil, fifty-five (55) gallons (full).

Total petroleum, vegetable or other related products in fifty-five (55) gallon containers is one hundred-fourteen (114) gallons, stored in seven (7) containers. All containers are stored inside of the water treatment building, which has ample capacity in its sump as secondary containment and is weather-proof.

4.2 Other Reportable Chemicals

- 1 – poly drum, Sulphuric Acid 66BE (93% Technical), 680 pounds
- 1 – poly drum, Sulphuric Acid 66BE (93% Technical), 136 pounds
- 1 – carboy (capacity of two hundred-ten (210) pounds), Sulphuric Acid, 21 pounds

Total sulphuric acid stored is 837 pounds. The sulphuric acid is stored on its own four (4)-drum secondary containment (see photograph below) within the water treatment building.



Photo 14 - Sulphuric Acid Storage

5 Solids Removal

All contaminated solids were excavated using hand methods (shovel, finnhoe, etc.) and placed into refurbished steel drums. Drums were purchased for this purpose from Natural Bridge Station, Inc., a Denver based supplier recommended by the disposal agency (AET Environmental). Four (4) drums were removed from site by AET Environmental as non-hazardous/non-RCRA waste. Total solids removed were slightly less than two-hundred-twenty (220) gallons.

The rubber liner was disposed of as non-hazardous waste at the Boulder County transfer station near Nederland, CO.

Receipts for all disposal are attached in Appendix B.

6 Liquids Removal

Liquids were removed in two (2) methods: 1) vacuuming by Enviro-Vac and 2) drummed and hauled by AET Environmental. Enviro-Vac removed eight-hundred (800) gallons of liquid. One (1) fifty-five (55) gallon drum was removed. Total liquids removed were eight-hundred and fifty-five (855) gallons.

Receipts for all disposal are attached in Appendix B.

7 Conclusion

In fulfillment of its obligation under the completed professional services agreement for “Bates-Hunter DRMS Assistance” between Black Fox Mining LLC and Central City Consolidated Mining Co. dated 7/19/2016, Black Fox Mining LLC provides this summary report for the work conducted at the Bates-Hunter mine to mitigate possible violations regarding fuel, oil, lubricant and chemical storage at that site. It is the intent of Black Fox Mining LLC that the work performed on site and this submittal of this report fulfills the requirements for the DRMS to vacate its finding of possible violation regarding the fuel, oil, lubricant and chemical storage at the Bates-Hunter mine site. The work performed was in accordance with the Scope of Services, the stated Job Procedures and the conditions set for by the DRMS for mitigation of possible violation noted on 4/26/16.

The work done included the removal of all oil contaminated soils adjacent to the “fuel storage area” and the “drum storage area”, the removal of all oil contaminated liquids from the secondary fuel containment, the removal of all waste oils and greases associated with these areas, the placement of all remaining oils and lubricants into the water treatment building and the production of an inventory of all fuels, oils, lubricants and chemicals stored in containers at the site. This report documents the physical work done at the site and contains the inventory of all reportable petroleum products, fuels and

chemicals. This report also includes documentation of the proper transfer of oils, oil contaminated soils and other minor solid waste from the site.

Respectfully submitted,

Matt Collins, P.E.

General Manager
Black Fox Mining LLC

APPENDIX A – DRMS Inspection Report, 4/26/2016

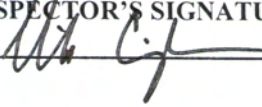
Colorado Division of Reclamation, Mining and Safety, Minerals Program Inspection Report; Inspection Date: April 26, 2016; Signature Date: May 23, 2016; Inspector: Michael A. Cunningham; Mine Name: Bates-Hunter Mine; Mine ID#: M-1990-041; Five (5) pages.



COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

MINE NAME: Bates-Hunter Mine	MINE/PROSPECTING ID#: M-1990-041	MINERAL: Gold	COUNTY: Gilpin
INSPECTION TYPE: Monitoring	INSPECTOR(S): Michael A. Cunningham	INSP. DATE: April 26, 2016	INSP. TIME: 10:00
OPERATOR: Central City Consolidated Mng	OPERATOR REPRESENTATIVE: None	TYPE OF OPERATION: 110(2) - Hard Rock Limited Impact	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$5,000.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: May 23, 2016

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

INSPECTION TOPIC: Acid And Toxic Materials

PROBLEM/POSSIBLE VIOLATION: Problem: The Division observed liquids overtopping the secondary containment in the fuel storage area and an unlabeled steel drum with its contents spilling onto the ground.

CORRECTIVE ACTIONS: The Operator shall complete the following corrective action on or before the corrective action date:

- 1) Provide an inventory of all fuel, oil, lubricants and chemicals which are currently being stored in containers at the mine site.
- 2) Remove and properly dispose of the soil around the fuel containment area and around the drum storage area. Provide a description of how the soil was removed and disposed of, including the total volume of topsoil removed and photo documentation of remediation activities.
- 3) Remove and properly dispose of the liquids within the secondary containment for the fuel storage area. Provide a description of how the liquids were removed and disposed of, including the total volume of liquids removed from the secondary containment and photo documentation of the remediation activities.
- 4) Provide evidence in the form of receipt which demonstrates that the soil, liquids within the secondary fuel containment area and the contents of the unlabeled 55 gallon drum were properly disposed by an approved method (such as sent to an approved landfill, land farming, recycling center, etc.).

The above listed corrective actions are to be completed on or before **June 10, 2016**. If all fuel, lubricants and chemicals are removed from the mine site, then no further action is required. If the Operator will continue to store fuel, lubricants, and chemicals at the mine site, then the Operator shall submit a Technical Revision no later than June 24, 2016 which addresses the storage of these items. The Technical Revision shall provide a

complete inventory of all fuel, lubricants and chemicals which will be stored at the mine site. The inventory shall specify total volumes of materials to be stored, shall identify the various storage areas, and shall provide a plan of how the Operator will address clean-up of any spills of the stored materials. In addition, if fuel is to be stored, then the Technical Revision shall address the how the appropriate secondary containment will be constructed. Secondary containment areas must be able to contain 110% of the total volume of fuel to be stored.

CORRECTIVE ACTION DUE DATE: 6/10/16

OBSERVATIONS

The inspection was conducted by Michael Cunningham of the Division of Reclamation, Mining and Safety (Division). The Operator did not have a representative present for the inspection. Matt Collins attended the inspection on behalf of George Otten, but did not represent Central City Consolidated Mining in a formal capacity. In addition, Kathy Rosow and Michelle DeLaria with the Colorado Department of Public Health and Environment, Water Quality Control Division attended the inspection. The Bates-Hunter Mine is located between the towns of Central City and Blackhawk alongside State Highway 279. The mine site occupies approximately 1 acre and is situated at an elevation of 8,300 ft. The Golden Gilpin Mill is located about a half a mile up Highway 119 from its intersection with State Highway 279. The mill facility occupies the remaining 2.5 acres of the 3.5 acre permit boundary. The post-mining land use is industrial/commercial.

Availability Of Records:

The Bates-Hunter Mine completed the first five year term of Temporary Cessation on March 8, 2016. The Operator did not submit a Notice for the second five year term of Temporary Cessation as outlined in Rule 1.13.5(3). Therefore, the permit was taken out of a Temporary Cessation status and placed back into Active status. The Division notified the Operator in writing of this change to the permit status on March 31, 2016. Pursuant to Rule 1.13.1(1), a permit granted pursuant to these Rules shall continue in effect as long as an Operator continues to engage in the extraction of minerals and/or the mining operation complies with the provisions of the Act. Therefore, the Operator shall resume active mining operations at the Bates-Hunter Mine. If active mining operations will not resume, then the Operator shall commence with reclamation of the site. Pursuant to Rule 3.1.3(2), all reclamation shall be carried to completion by the Operator with all reasonable diligence, and each phase of reclamation shall be completed from within five years from the date the Operator informs the Board or Office that such phase has commenced.

Acid And Toxic Materials:

The Division observed three 55 gallon drums on the east side of the Hoist/Office Building; two unlabeled steel drums and one plastic drum with a Ferric Chloride label. The contents of one of the steel drums had overtopped the container and spread from the concrete pad to the ground. The lid of the second drum was bulged outward, indicating the drum was potentially pressurized. The Division did not move any of the drums or remove lids; all observations were visual.

The Division observed a fuel containment area on the east side of the Water Treatment Building. The secondary containment for the fuel consists of an earthen impoundment with a liner. The liner was not anchored and did not appear to provide complete coverage over the impoundment. Two fuel racks were located within the fuel containment area. The fuel racks contained six 55 gallon steel drums and one larger steel drum. The drums were not labeled. In addition, the Division observed numerous plastic gas cans around the perimeter of the earthen impoundment. The secondary containment was at full capacity at the time of the inspection and had overtopped the impoundment in several areas as evidenced by the staining of soil around

the impoundment. The black liquid within the secondary containment appeared to be a mixture of water, fuel, oil and lubricants.

The loss of containment from the fuel storage area and from the unlabeled steel drum has been cited as a problem and will require corrective action by the Operator. Please see the first page of this report for additional information.

Financial Warranty:

The Division currently holds a financial warranty in the amount of \$5,000.00. Pursuant to Rule 4.2.1(1), all financial warranties shall be set and maintained at a level which reflects the actual current cost of fulfilling the requirements of the Reclamation Plan. The current financial warranty amount of \$5,000.00 is not adequate to complete reclamation. The Division will perform a full financial warranty calculation which will take into account the reclamation of all surface disturbance. In addition, the financial warranty calculation will address the removal of any structures which are not authorized to remain in the approved Reclamation Plan. Specifically, the removal of the water treatment building will be addressed in the financial warranty calculation.

Storm Water MGT Plan:

As noted in the beginning of the report, the Division was accompanied by personnel from the Water Quality Control Division (WQCD). The WQCD was following up on potential permitting actions related to the Operator's Discharge Permit for the water treatment plant and Stormwater Discharge Permit. Following the inspection, the WQCD notified the Division they are working with the Operator to reissue the Discharge Permit for the water treatment plant. The existing Stormwater Discharge Permit will be incorporated into the new Discharge Permit. The water treatment plant is not currently operational and is not discharging water into Gregory Gulch.

PHOTOGRAPHS



1. Unlabeled 55 gallon drums on side of Hoist/Office Building.



2. Plastic 55 gallon drum on side of Hoist/Office Building.



3. Secondary containment for fuel.



4. Soil staining and overtopping of secondary containment.



5. Various containers within secondary containment area.

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

(AR) RECORDS----- <u>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>N</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SW) STORM WATER MGT PLAN---- <u>Y</u>	(CI) COMPLETE INSP---- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>PB</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>

Y = Inspected and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

Inspection Contact Address

George Otten
Central City Consolidated Mng
C/o Hunter Gold Mining Corp
Fort Lupton, CO 80621

CC: Wally Erickson, DRMS
Kathy Rosow, CDPHE
Michelle DeLaria, CDPHE

APPENDIX B – Receipts for materials transfer

- Non-Hazardous Waste Manifest – Enviro-Vac, 9/14/2016
- Non-Hazardous Waste Manifest – AET Environmental, 10/19/2016
- Receipt, Boulder County Nederland Waste Transfer Station, 10/9/2016



5050 Ash St.
Denver, CO 80216
Phone: (720) 281-4500

Non-Hazardous Waste Manifest

MANIFEST NUMBER

(for office use only)

PART I:

TO BE COMPLETED BY SHIPPER/GENERATOR

Transportation
Reference #

COMPANY NAME/BILL TO:

ENVIRO-VAC
PO BOX 484
BENNETT, CO 80102

CONTACT: BRIAN TUCKER PH: 720 281-4500

SHIPMENT ORIGIN/GENERATOR

GEN. NAME Central City Consolidated Mining Company

ADDRESS 431 Gregory St

CITY, STATE, ZIP CODE Central City, CO. 80427

CONTACT: Matt Collins PH: (303) 570-6269

GALLONS

WASTE DESCRIPTION

WASTE CODE NUMBER

800

Sand Trap

CUSTOMER NUMBER

ALL WASTE TO BE NON-HAZARDOUS

← TOTAL GALLONS

The materials described above were consigned to the Carrier named below. I certify that the foregoing is true and correct to the best of my knowledge.

DATE: 08-14-16

SIGNATURE OF
AUTHORIZED
AGENT

TYPE OR PRINT
ABOVE NAME

Invoice
Ref #

PART II:

TO BE COMPLETED BY TRANSPORTER

TRANSPORTER'S NAME ENVIRO-VAC

BUSINESS ADDRESS 5050 ASH ST. DENVER, CO 80216

PHONE NO. 720 281-4500

UNIT # 17-01

I certify that the materials in the quantity described above are recieved by me for shipment.

DATE: 09-14-16 TIME:

SIGNATURE OF
AUTHORIZED
AGENT

TYPE OR PRINT
ABOVE NAME

PART III:

TO BE COMPLETED BY RECEIVER

RECEIVER'S NAME AIRVAC SERVICES, INC.

PHONE NO. (303) 299-9300

SITE ADDRESS 383 W. 56TH AVE DENVER, CO 80216

CWT PERMIT # C0337-8

I certify that the materials
in the quantity described in Part I
are received by me.

TREATMENT TYPE ☐ WASTEWATER SYSTEM ☐ SOLIDIFICATION

SIGNATURE OF
AUTHORIZED
AGENT

TYPE OR PRINT
ABOVE NAME

DATE: TIME:

WHITE - ORIGINAL

CANARY - SITE

PINK - TRANSPORTER

GOLDENROD - GENERATOR

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number 600E800		2. Page 1 of 1		3. Emergency Response Phone MD 576 5052		4. Waste Tracking Number 115910720	
		5. Generator's Name and Mailing Address Black Fox Mining 1508 Ridge Road Hickory, CO 80462 Generator's Phone: 301 570-6200		Generator's Site Address (if different than mailing address) Central City Consolidated Mining Co 421 Broadway St. Central City, CO 80727					
6. Transporter 1 Company Name ACT ENVIRONMENTAL INC.		U.S. EPA ID Number 600000000456							
7. Transporter 2 Company Name SAVANNAH TRANSPORT INC.		U.S. EPA ID Number 6000000336801							
8. Designated Facility Name and Site Address RINECO 1007 Vulcan Road-Haskell Barton, AR 72015 Facility's Phone: 501 778-0062		U.S. EPA ID Number ARD961057870							
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.				
		No.	Type						
1. Non Hazardous Non RCRA (used oil & Soil)		04	DM	3400	P	NONE			
2. Non Hazardous Non RCRA (used oil)		01	DM	55	G	NONE			
3.									
4.									
13. Special Handling Instructions and Additional Information 4X55									
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.									
Generator's/Offor's Printed/Typed Name Mark Owens		Signature <i>[Signature]</i>			Month Day Year 10 19 16				
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name JOHN C. GILL		Signature <i>[Signature]</i>			Month Day Year 10 19 16				
Transporter 2 Printed/Typed Name		Signature			Month Day Year				
17. Discrepancy									
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Manifest Reference Number:									
17b. Alternate Facility (or Generator)		U.S. EPA ID Number							
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator)					Month Day Year				
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name		Signature			Month Day Year				

RECEIPT

No. 616218

DATE 10.9.16

\$ 4⁰⁰

FROM Sevier County Nederland Waste Transfer Station DOLLARS

286 Ridge Road, 303-255-7575 Division Office: 720-864-7575

☐ FOR RENT
☐ FOR

ACCT.	
PAID	
DUE	

☐ CASH
☐ CHECK
☐ MONEY ORDER
☐ CREDIT CARD

FROM TO
BY

A-1152
T-4161

APPENDIX C – Job Procedures

Bates-Hunter, Compliance Measures, DRMS Inspection 4/26/16

Purpose: A site inspection by a representative of the Colorado Division of Reclamation, Mining and Safety (“DRMS”) identified a problem/possible violation regarding storage of fuel/oils at the site’s secondary containment area. Black Fox Mining LLC (“Black Fox”) has been contracted by Central City Consolidated Mining Co. (“CCMC”) to address the issue and provide remediation as necessary and to provide appropriate documentation for the DRMS in order to mitigate the issue.

Existing Site Conditions:

Observations documented by the DRMS are as follows: “The Division observed three 55 gallon drums on the east side of the Hoist/Office Building; two unlabeled steel drums and on plastic drum with a Ferric Chloride label. The contents of one of the steel drums had overtopped the container and spread from the concrete pad to the ground. The lid of the second drum was bulged outward, indicating the drum was potentially pressurized. The Division did not move any of the drums or remove lids; all observations were visual.

The Division observed a fuel containment area on the east side of the Water Treatment Building. The secondary containment for the fuel consists on an earthen impoundment with a liner. The liner was not anchored and did not appear to provide complete coverage over the impoundment. Two fuel racks were located within the impoundment area. The fuel racks contained six 55 gallon steel drums and one larger steel drum. The drums were not labeled. In addition, the Division observed numerous plastic gas cans around the perimeter of the earthen impoundment. The secondary containment was at full capacity at the time of the inspection and had overtopped the impoundment in several areas as evidenced by the staining of soil around the impoundment. The black liquid within the secondary containment appeared to be a mixture of water, fuel, oil and lubricants.”

Documentation:

The DRMS inspection and report of problem/possible violation, dated 4/26/16, for Mine ID# M-1990-041 is completed and on record with the DRMS.

The execution of the contract for Black Fox to mitigate the problem is documentation of CCMC’s effort to respond and correct the problem.

Photographs of existing conditions have been taken (DRMS/Black Fox). As work proceeds, additional photographs will be created, documenting the conditions of the site, work progress and work completion.

All receipts for equipment and/or supplies shall be retained by Black Fox and provided to CCMC and the DRMS, especially in regards to the disposal of all materials.

Scope of Services:

Provide cleanup and documentation for compliance with Colorado Division of Reclamation, Mining and Safety Notice of Possible Violation (Inspection date: 4/26/16) regarding all fuel, oil, lubricants and chemicals stored at the mine site.

- 1) Provide an inventory of all fuel, oil, lubricants and chemicals which are currently being stored in containers at the mine site.
- 2) Remove and properly dispose of the soil around the fuel containment area and around the drum storage area. Provide a description of how the soil was removed and disposed of, including total volume of topsoil removed and photo documentation of remediation activities.
- 3) Remove and properly dispose of the liquids within the secondary containment for the fuel storage area. Provide a description of how the liquids were removed and disposed of, including the total volume of liquids removed from the secondary containment and photo documentation of the remediation activities.
- 4) Provide evidence in the form of receipt which demonstrates that the soil, liquids within the secondary fuel containment area and the contents of the unlabeled 55 gallon drum were properly disposed by an approved method (such as sent to an approved landfill, land farming, recycling center, etc.).

Equipment and Tools:

CCMC has a Hyster propane powered forklift available for the handling of heavy and/or large objects. Reconditioned DOT approved drums shall be purchased for the containment and removal of all solids. Biodegradable solvent (e.g. Simple Green) shall be used to clean items. Shovels, rakes and various hand tools comprise the remainder of equipment and tools necessary to complete the work.

Procedures:

A Job Safety Analysis shall be performed and additional training (as necessary) regarding equipment and/or safety will be completed prior to starting the work.

- 1) Establish access to secondary containment area
 - The forklift will be used to move the large items immediately in front of the secondary containment area. These items shall be relocated to the berm area on the north of the Water Treatment Building. Small items shall be moved by hand. Some raking and shoveling of the ground may be necessary to allow the forklift to operate on the area off of the concrete.
- 2) Remove small containers and consolidate liquids
 - One drum shall be labeled “Non Haz Non RCRA Used Oil” and shall be designated to receive any and all containerized liquids to be disposed of. Small containers of unidentified petroleum products shall be emptied into the “Used Oil” drum. All containers of used oil and petroleum products not suitable for

future use shall be emptied into the “Used Oil” drum. Containers not suitable for future use shall be disposed of at an appropriate waste facility and receipts shall be retained.

3) Identify, label and relocation of drums

- Drums located in the secondary containment area shall be removed. Drums containing identifiable products that are suitable for future use shall be labeled and relocated to the inside of the Water Treatment Building. Liquids to be disposed of shall be placed into the “Used Oil” drum.

4) Spill prevention

- Suitable oil absorbent pads shall be located at areas where adjacent activity may affect soil or liquids. These pads shall be disposed of with the oil affected solids.

5) Contaminated soils surrounding secondary containment.

- One or more drums shall be labeled “Used Oil & Soil” and shall be designated to receive any and all non-liquid materials for disposal. Soils and solids contaminated by oil shall be excavated (by hand methods) and placed into labeled “Used Oil & Soil” container.

6) Drums near Hoist Building

Drums near Hoist Building shall be inspected and contents identified. Drum that is overtopped shall be opened, inspected and re-sealed and labeled. Contents of drum that have spilled shall be placed in “Used Oil & Soil” drum and area shall be cleaned.

7) Storage of useable materials

- Drums containing useable materials shall be labeled and placed within the Water Treatment Building

8) Staging of materials for disposal

- Materials to be removed from site shall be staged for orderly removal. Access must be maintained to the secondary containment area.

9) Inventory

- All fluids/chemicals located at the site shall be inventoried and the location noted. This inventory shall be provided to CCMC/DRMS

10) Drum/Liquids removal

- Black Fox shall contact AET Environmental (John Barrette: (303)333-8521) to schedule pickup of drums and removal of oily water/sludge in secondary containment. Black Fox personnel shall be present during the AET work and shall retain receipts for services, photographs of work performed and perform any residual cleanup of secondary containment area necessary to prevent further oil/water intermixing.

Completion

All documentation of work performed, receipts for disposal, photographs, etc. shall be provided to CCMC. A summary report of the completion shall be provided to the DRMS, with supporting evidence of mitigation of the problem.