October 4, 2015

(b) (6) [redacted]

Location Code: GKMPD19

(b) (6) [redacted] Durango, CO 81301

Re: Sediment and Surface Water Sampling Results

Dear (b) (6) [redacted]

Thank you for providing access to your property to collect surface water and sediment samples, conducted by the U.S. Environmental Protection Agency (EPA) in coordination with the Colorado Department of Public Health and Environment (CDPHE) and the San Juan Basin Health Department (SJBHD). We are attaching copies of the validated sample results.

The surface water samples from your property were submitted to a private certified laboratory to be analyzed for total and dissolved metals. The sediment samples from your property were submitted to a private certified laboratory to be analyzed for total metals. The analysis included metals that could potentially be present in sediment deposited as a result of the release from the Gold King Mine incident on August 5, 2015. Surface water and sediment concentrations from your property are below recreational screening levels, which are shown as RBC (risk based concentrations) on the enclosed results.

EPA has worked closely with the Colorado Department of Public Health and the Environment to evaluate the conditions in the Animas River following the Gold King Mine incident. Surface water and sediment samples results for the river system as a whole are being maintained at pre-event conditions. It is important to keep in mind that metal concentrations in water and sediment may fluctuate. Fluctuations occur because of weather and other events that change water flow rates or volume. They can also occur if sediments are accumulating at a higher than normal rate at a particular site, before being washed away by the next high water event.

If you have any health related questions regarding these test results, please contact Flannery O'Neil with the San Juan Basin Health Department (SJBHD) at (970) 247-5702; or to discuss your sample results with an EPA representative, please contact Cynthia Peterson, EPA Community Involvement Coordinator, at (303) 312-6879.

Sincerely,
US Environmental Protection Agency, Region 8

CC:
Colorado Department of Public Health and Environment
San Juan Basin Health Department
San Juan County Public Health

Property ID: GKMPD19

(b) (6)

[redacted]

Feet

0 105 210 420

N

Potable Water Sample

Sediment Sample

Soil Sample

Surface Water Sample

1:2,350

1 inch = 196 feet

Map Created: 9/27/2015 Document Path: C:\GOLD\Zac\Maps\20150927\Soil DD_Maps_20150928.mxd

Analyte	Station ID Sample ID Sample Date Sample time Latitude Longitude				GKMSW52 GKMSW52_090915 9/9/2015 13:45 (b) (6) [redacted]
Metals, Total	CAS NO	Units			Sub Location Upper Pond Lab Result
Aluminum	7429-90-5	ug/L			390
Antimony	7440-36-0	ug/L			0.4 U
Arsenic	7440-38-2	ug/L			0.76 J
Barium	7440-39-3	ug/L			35
Beryllium	7440-41-7	ug/L			0.15 U
Cadmium	7440-43-9	ug/L			0.62
Calcium	7440-70-2	ug/L			65000
Chromium	7440-47-3	ug/L			1 U
Cobalt	7440-48-4	ug/L			1.5
Copper	7440-50-8	ug/L			11
Iron	7439-89-6	ug/L			470
Lead	7439-92-1	ug/L			1.3
Magnesium	7439-95-4	ug/L			10000
Manganese	7439-96-5	ug/L			350
Mercury	7439-97-6	ug/L			0.08 U
Molybdenum	7439-98-7	ug/L			0.72 J
Nickel	7440-02-0	ug/L			2.6
Potassium	7440-09-7	ug/L			11000
Selenium	7782-49-2	ug/L			2.1
Silver	7440-22-4	ug/L			0.1 U
Sodium	7440-23-5	ug/L			63000
Thallium	7440-28-0	ug/L			0.2
Vanadium	7440-62-2	ug/L			0.3 U
Zinc	7440-66-6	ug/L			160

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
J- = The result is an estimated quantity, but the result may be biased low.
UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise
UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.
J+ = The result is an estimated quantity, but the result may be biased high.
R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.
F1 = MS and/or MSD Recovery is outside acceptance limits.
HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
* = The result exceeds maximum contaminant level
ug/L - Parts per billion (micrograms per liter)

Analyte	Station ID Sample ID Sample Date Sample time Latitude Longitude				GKMSW52 GKMSW52_090915 9/9/2015 13:45 (b) (6) [redacted]
Metals, Dissolved	CAS NO	Units		EPA RBC	Sub Location Upper Pond Lab Result
Aluminum, Dissolved	7429-90-5	ug/L		170000	37 J
Antimony, Dissolved	7440-36-0	ug/L		67	0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50	0.41 J
Barium, Dissolved	7440-39-3	ug/L		33000	41
Beryllium, Dissolved	7440-41-7	ug/L		330	0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		83	0.57
Calcium, Dissolved	7440-70-2	ug/L			64000
Chromium, Dissolved	7440-47-3	ug/L		220000	1 U
Cobalt, Dissolved	7440-48-4	ug/L		50	1.4
Copper, Dissolved	7440-50-8	ug/L		6700	4.5
Iron, Dissolved	7439-89-6	ug/L		120000	17 U
Lead, Dissolved	7439-92-1	ug/L		200	0.11 J
Magnesium, Dissolved	7439-95-4	ug/L			10000
Manganese, Dissolved	7439-96-5	ug/L		7800	320
Mercury, Dissolved	7439-97-6	ug/L		50	0.08 UJ
Molybdenum, Dissolved	7439-98-7	ug/L		830	0.66 J
Nickel, Dissolved	7440-02-0	ug/L		3300	4
Potassium, Dissolved	7440-09-7	ug/L			12000
Selenium, Dissolved	7782-49-2	ug/L		830	2 UB
Silver, Dissolved	7440-22-4	ug/L		830	0.1 U
Sodium, Dissolved	7440-23-5	ug/L			68000
Thallium, Dissolved	7440-28-0	ug/L		2	0.21
Vanadium, Dissolved	7440-62-2	ug/L		830	0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000	130

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F1 = MS and/or MSD Recovery is outside acceptance limits.
HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
* = The result exceeds maximum contaminant level
ug/L - Parts per billion (micrograms per liter)

Highlighted Yellow: indicates result exceeded Screening Value

Analyte	Station ID Sample ID Sample Date Sample time Latitude Longitude				GKMSE43 GKMSE43_090915 9/9/2015 13:50 (b) (6) [redacted]
					Sub Location Upper pond
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg		3300000	9400
Antimony	7440-36-0	mg/kg		1300	0.51 J-
Arsenic	7440-38-2	mg/kg		4200	25
Barium	7440-39-3	mg/kg		670000	160
Beryllium	7440-41-7	mg/kg		6700	0.99
Cadmium	7440-43-9	mg/kg		1700	3.9
Calcium	7440-70-2	mg/kg			3800 J
Chromium	7440-47-3	mg/kg		4300000	7.9
Cobalt	7440-48-4	mg/kg		1000	18
Copper	7440-50-8	mg/kg		130000	170
Iron	7439-89-6	mg/kg		2300000	35000
Lead	7439-92-1	mg/kg		20000	420
Magnesium	7439-95-4	mg/kg			4900
Manganese	7439-96-5	mg/kg		160000	3200
Mercury	7439-97-6	mg/kg		1000	0.025 J
Molybdenum	7439-98-7	mg/kg		17000	4.8 J
Nickel	7440-02-0	mg/kg		67000	11
Potassium	7440-09-7	mg/kg			1400
Selenium	7782-49-2	mg/kg		17000	0.89
Silver	7440-22-4	mg/kg		17000	1.7 J-
Sodium	7440-23-5	mg/kg			200 J
Thallium	7440-28-0	mg/kg		33	0.4
Vanadium	7440-62-2	mg/kg		17000	29
Zinc	7440-66-6	mg/kg		1000000	960

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J- = The result is an estimated quantity, but the result may be biased low.
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F1 = MS and/or MSD Recovery is outside acceptance limits.
HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
* = The result exceeds maximum contaminant level
mg/kg - Parts per million (millligrams per kilogram). Liquids equivalent = mg/L.

Highlighted Yellow: indicates result exceeded Screening Value

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 WYNKOOP - MC 8RC
DENVER, CO 80202-1129
Phone 800-227-8917

HOW TO FILE A CLAIM

EPA is committed to taking responsibility for the impacts to communities affected by the Gold King Mine Release.

To file a claim for monetary compensation, please visit the Region 8 Gold Mine Release Incident website:
http://www2.epa.gov/goldkingmine

Complete the fillable PDF version of the Standard Form 95:
http://www2.epa.gov/sites/production/files/2015-08/documents/standardform95_4.pdf

Email the signed Standard Form 95 to:
R8_GKM_Claims@epa.gov

Or mail the Standard Form 95 to the following contacts:

Richard Feldman
Claims Officer
U.S. EPA Office of General Counsel
1200 Pennsylvania Avenue, NW (MC 2399A)
Washington, D.C. 20460

Michael Nelson
U.S. EPA Region 8 Office of Regional Counsel
1595 Wynkoop Street (MC 8RC)
Denver, CO 80202