

DEC 15 2015

DEPARTMENT OF
WATER RESOURCES**Exceptions to Forfeiture for Mining Questionnaire- Section 42-223(11), Idaho Code**

This questionnaire should be used as a guide to provide evidence supporting an exception to forfeiture. Each answer will need to have corresponding documents and/or affidavits.

List the adjudication claim number(s) in which an exception to forfeiture under Section 42-223(11), Idaho Code is sought:

94-2067

- 1) Enter the name of the mine or property in which the water claimed above was historically used. (All of the following questions will refer to the mine or property named below.)

Hummingbird; Hercules; see attached deeds.

- 2) When was the mining, mineral processing or milling at the mine or property suspended?

Hummingbird 1931; Hercules 1965

- 3) Described the reason(s) the mining, mineral processing or milling of minerals at the mine or property was suspended or the mine was closed?

Economic recessions; low metals prices

- 4) Does the mine or property have one or more valuable minerals as defined in Section 47-1205, Idaho Code? If so, please list the mineral(s).

Silver, lead, zinc. See attached mineralization reports.

- 5) Please provide a history of the price of the mineral(s) at the mine or property?

USGS – Metal Prices in the United States through 2010 Report

- 6) Explain how the property and mineral rights have been maintained for future mineral production at the mine or property?

Hecla owns the patented mining claims, including the mineral rights where these mines are located. In

addition, the company maintains stormwater permits associated with these claim sites, conducts annual

inspections of the sites, and maintains access to the sites. See attached example of a stormwater permit

and inspection report and copy of a map of access routes to these mining properties (yellow dots depict mine

sites included in annual inspections; blue lines are access routes). The surface of this mine property is free of

any structures or encumbrances that would interfere with mining or milling operations. The only structures on

the surface are those associated with historic mining activities or property caretaking.

Paul Glader Environmental Director
Please print name and title of person completing this questionnaire

12/7/2015
Date

[Signature]
Signature of person completing this questionnaire

Property of
HECLA MINING COMPANY
6500 MINERAL DRIVE BOX C-8000
COEUR D'ALENE, ID 83814-1931
(208) 769-4100

PRODUCTION STATISTICS FOR THE COEUR D'ALENE MINING DISTRICT,
SHOSHONE COUNTY, IDAHO -- 1884-1980

Compiled by
Victoria E. Mitchell
Earl H. Bennett

Idaho Geological Survey
University of Idaho
Moscow, Idaho 83843

Technical Report 83-3
May 1983

Table 15. Burke area production (Prichard-Burke deposits).

Map Symbol	Source	Property	Tons Produced	Silver oz	Lead lb	Zinc lb	Copper lb	Gold oz	Silver oz/ton	Lead %	Zinc %	Copper %	Ratio, Silver oz/ton to % Lead	Ratio, Silver oz/ton to % Zinc
K	USBM	Hecla 1898-1969	7,686,967	40,788,931	1,424,099,978	73,824,278	4,966,979	7,007	5.31	9.26	0.48	0.03	0.57	19.29
E	USBM	Standard-Mammoth 1887-1965	3,763,893	25,542,538	568,733,357	949,832	205,966	2,452	6.79	7.56	0.01	0.003	0.90	756.00
B	USBM	Hercules 1901-1965	3,519,592	29,952,537	767,345,172	9,616,058	3,760,660	5,564	8.51	10.90	0.14	0.05	0.78	77.85
C	USBM	Tamarack-Custer 1905-1977	2,819,472	8,753,391	338,308,629	156,417,665	2,036,427	3,511	3.10	6.00	2.77	0.04	0.52	2.17
O	USBM	Helena-Frisco 1897-1967	2,676,379	6,131,065	213,201,249	174,966,741	790,241	1,030	2.29	3.98	3.27	0.01	0.58	1.22
H	USBM	Tiger-Poorman ¹ 1901-1961	1,128,793	2,656,234	112,771,417	127,846	1,735	1	2.35	5.00	0.01	0.0001	0.47	500.00
E	USBM	Greenhill-Cleveland 1902-1918	791,447	8,378,611	126,565,606	13,784,888	391,388	1,273	10.59	8.00	0.87	0.02	1.32	9.20
L	USBM	Success 1905-1952	789,704	994,638	28,837,031	98,491,597	51,493	160	1.26	1.83	6.24	0.003	0.69	0.29
F	USBM	Sherman 1927-1972	661,071	3,930,759	118,700,646	8,546,128	528,808	1,246	5.95	8.98	0.65	0.04	0.66	13.82
Q	Shenon, Full, and Gerwels	Golconda ² 1926-1967	339,228	1,317,502	36,660,044	26,116,343	178,608	180	3.88	5.40	3.85	0.03	0.72	1.40
J	USBM	Marsh 1908-1925	128,805	477,474	17,636,202	183,089	36,780	216	3.71	6.85	0.07	0.01	0.54	97.85
G	Shenon and Full	Fairview and Wide West 1945-1950	57,186	217,307	6,340,000	458,000	--	--	3.80	5.54	0.40	--	0.69	13.85
N	USBM	Canyon Silver/ Formosa CS 1966-1974 F 1931-1938	24,246	101,363	3,073,012	1,056,433	1,686	13	4.18	6.34	2.18	0.003	0.66	2.91
P	USBM	Black Bear 1927-1973	19,727	12,744	988,329	1,790,307	19,304	22	0.65	2.51	4.54	0.05	0.26	0.55

Table 15. Continued.

Map Symbol	Source	Property	Tons Produced	Silver oz	Lead lb	Zinc lb	Copper lb	Gold oz	Silver oz/ton	Lead %	Zinc %	Copper %	Ratio, Silver oz/ton to % Lead	Ratio, Silver oz/ton to % Zinc
G	USBM*	Hummingbird 1926-1931	18,740	42,421	1,609,665	1,756,675	--	--	2.26	4.29	4.69	--	0.53	0.91
	Crosby	1926-1931	33,449	80,278	3,278,002	4,482,166	--	--	--	--	--	--	--	--
A	USBM	Ambergris, Guelp, Honolulu 1919-1934	16,786	83,940	2,713,645	--	6,659	--	5.00	8.08	--	0.02	0.62	--
not plotted	USBM	Vermillion 1941-1949	14,970	15,132	323,111	874,048	5,710	10	1.01	1.08	2.92	0.02	0.94	0.37
I	USBM	Ajax 1924-1951	6,235	6,270	1,215,755	672	97	1	1.01	9.75	0.01	0.001	0.10	975.00
D	Asarco	Union (?)	5,168	16,538	776,000	196,000	--	--	3.20	7.51	1.90	--	0.43	3.95
K	USBM	Anchor Group 1937-1951	2,589	2,432	320,151	188,317	2,543	16	0.94	6.18	3.64	0.05	0.15	1.70
not plotted	Shenon, Stanley Full, 1906-1942 and Gerwels		1,459	369	15,694	--	--	739	3.95	0.50	--	--	7.90	--
not plotted	Asarco	Denton 1955-1956	625	1,563	1,076,000(?)	--	--	--	2.50	86.08(?)	--	--	0.03	--
not plotted	Donald Sisters ³ Springer 1920-1929 (personal communication, 1983)		472	19,163	376,656	130,272	--	--	40.6	39.90	13.8	--	--	--
TOTALS			24,473,082	129,423,759	3,771,310,693	569,344,917	12,985,084	23,441	5.29	7.71(?)	1.16	0.03	0.69	6.65

¹ Figures prior to 1901 are from Ransome and Calkins, 1908, U. S. Geological Survey Professional Paper 62. There is an error in their production figures for the Tiger-Poorman mine. We have recalculated the figures, and instead of 286,424 ounces of silver (through 1905) we get 2,029,485 ounces, assuming 2.5 ounces of silver per ton.

² Gold and copper figures for the Golconda mine are from the U. S. Bureau of Mines for the years 1928 and 1929. The rest of the Golconda figures are from Shenon, Full, and Gerwels, 1952 (consulting report for Day Mines, Inc.).

³ Production for the Sisters mine was provided by Donald Springer (personal communication, 1983). The mine is totally in the Prichard Formation and is of interest for the high silver value of the ore. Production is not added to the Prichard-Burke total as the small deposit is in the Prichard Formation.

USBM Data from the U. S. Bureau of Mines' Western Field Operations Center, Spokane, Washington

-- Data insufficient or unavailable

* Data from this source used to calculate total

Hercules Mine

Primary Mineral: Zinc, Silver, Lead

Lat, Long: 47.5431, -115.81720

Hercules Mine MRDS details

Site Name

Primary: "Hercules Mine"

Commodity

Primary: Zinc
Primary: Silver
Primary: Lead
Secondary: Copper
Tertiary: Nickel
Tertiary: Gold

Location

State: Idaho
County: Shoshone
District: Lelande

Land Status

Land ownership: Private
Administrative Organization:

Holdings

Workings

Type: Underground

Ownership

Production

Deposit

Hercules Mine

Owner Name: Hecla Mining Co.
Company ID:
Percent: 100.0
Home Office: Coeur d'Alene, Idaho
Info Year:
Years: 1981 -

Year: 1983
Time Period: 1901-1965
Mined: 3192921.000 mt
Material type: Ore mined
Description:

Record Type: Site
Operation Category: Past
Producer
Deposit Type: REPLACEMENT
VEIN
Plant Type: Beneficiation (Mill)
Plant Subtype: Flotation
Operation Type: Underground
Mining Method:
Milling Method: Flotation
Year First Production: 1901
Year Last Production:
Discovery Year: 1889
Discovery Method: Unknown
Years of Production:
Organization:
Significant: Y
Deposit Size: L

Owner Name: Day Mines Inc.
Company ID:
Percent: 100.0
Home Office: Wallace, Idaho
Info Year:
Years: 1947 - 1981

Owner Name: Hercules Mining Co.
Company ID:
Percent: 100.0
Home Office: Wallace, Idaho
Info Year:
Years: 1889 - 1947

Physiography

General Physiographic Area: Rocky Mountain
System
Physiographic Province: Northern Rocky
Mountains
Physiographic Section:
Physiographic Detail: Coeur D'Alene Mountains

Mineral Deposit Model

Orebody

Name: Mountain View Vein
Form: PINCH AND SWELL
Name: Hercules Vein
Form: PINCH AND SWELL
Name: Hummingbird Vein
Form: PINCH AND SWELL

Structure

Alterations

Rocks

Hercules Mine

Type: R

Structure:

Description: West Limb of Burke Anticline

Type: R

Structure:

Description: Hercules-Mercury Fault a shear zone cutting west limb of Burke Anticline. Fault steepens and splays at depth. This fault is complementary to a set of NS faults that join the Osburn and Thompson Pass faults.

Name: Quartzite

Role: Host

Description:

Age Type: Host Rock Unit

Age in Years:

Dating Method:

Material Analyzed:

Age Young: Neoproterozoic

Age Old:

Name: Quartzite

Role: Host

Description:

Age Type: Host Rock Unit

Age in Years:

Dating Method:

Material Analyzed:

Age Young: Neoproterozoic

Age Old:

Analytical Data

Materials

Ore: Chalcopyrite
Ore: Galena
Ore: Tetrahedrite
Ore: Sphalerite
Ore: Cerussite
Gangue: Grunerite
Gangue: Adularia
Gangue: Pyrrhotite
Gangue: Actinolite
Gangue: Marcasite
Gangue: Hematite
Gangue: Chlorite
Gangue: Andradite
Gangue: Biotite
Gangue: Magnetite
Gangue: Pyrite
Gangue: Siderite
Gangue: Arsenopyrite
Trace: Bournonite
Trace: Niccolite
Trace: Silver
Trace: Anglesite
Trace: Pyromorphite
Trace: Silver
Trace: Plattnerite
Trace: Jamesonite

Comments

Comment Type:

Location

Comment AT HEAD OF GORGE GULCH, N OF BURKE

Comment Type:

Development

Comment 136 PATENTED CLAIMS

Comment Type:

Deposit

Comment THE CARLISLE-HERCULES MINERAL BELT IS ABOUT 28,000 FT LONG. RAMBLER ORE SHOOT STRIKES W TO S 45 DEG W, DIPS 60 - 80 DEG S, IS ABOUT 400 FT LONG. DEPTHS TO TOP, BOTTOM ARE IN ELEVATION.

Comment Type:

Workings

Comment LENGTH OF WORKINGS A 1961 FIGURE.

Comment Type:

Orebody

Comment The main Hercules oreshoot, mine through 1925, passed abruptly at depth into a 200 foot thick (vertical) zone of pyrite-chalcopyrite mineralization, then passed into a pyrite only zone.

Comment Type:

Production

Comment Production data from Mitchell and Bennett (1983) using production data reported to the U.S. Bureau of Mines. Grade data from Long (1998).

References

Reference Category: Production Pages:	Reference: Mitchell, V.E., and Bennett, E.H., 1983, Production statistics for the Coeur d'Alene mining district, Shoshone County, Idaho, 1884-1980: Idaho Geological Survey Technical Report 83-3, 33 p. URL:
Reference Category: Production Pages:	Reference: Long, 1998 URL:
Reference Category: Deposit Pages:	Reference: RANSOME, F. L., AND CALKINS, F. C., 1908 , THE GEOLOGY AND ORE DEPOSITS OF THE COEUR D'ALENE DISTRICT, IDAHO: USGS PROF. PAPER 62 , 203 P. URL:
Reference Category: Deposit Pages:	Reference: RANSOME, F. L., 1905 , ORE DEPOSITS OF THE COEUR D'ALENE DISTRICT, IDAHO: USGS BULL. 260 , P. 274 - 303 . URL:
Reference Category: Deposit Pages:	Reference: UMPLEBY, J. B., AND JONES, E. L., JR., 1923 , GEOLOGY AND ORE DEPOSITS OF SHOSHONE COUNTY, IDAHO: USGS BULL. 732 , 156 P. URL:
Reference Category: Deposit Pages:	Reference: FRYKLUND, V. C., JR., 1964 , ORE DEPOSITS OF THE COEUR D'ALENE DISTRICT, SHOSHONE COUNTY, IDAHO: USGS PROF. PAPER 445 , 103 P. URL:
Reference Category: Deposit Pages:	Reference: GRIGGS, A. B., 1952 , GEOLOGY AND NOTES ON ORE DEPOSITS OF CANYON - NINE MILE CREEKS AREA, SHOSHONE COUNTY, IDAHO: USGS OPEN-FILE REPT., 108 P. URL:

About The MRDS Mines Database

All mine locations were obtained from the USGS Mineral Resources Data System. The locations and other information in this database have not been verified for accuracy. It should be assumed that all mines are on private property.

Did You Know.....

A mine is a hole in the ground, owned by a liar.
-Mark Twain

Search

Search Western Mining History

Search

Mountain View - Hummingbird Mine

Primary Mineral: Zinc, Silver, Lead

Lat, Long: 47.5261, -115.81690

Mountain View - Hummingbird Mine MRDS details

Site Name

Primary: "Mountain View - Hummingbird Mine"
Secondary: "Hummingbird"

Commodity

Primary: Zinc
Primary: Silver
Primary: Lead

Location

State: Idaho
County: Shoshone
District: Coeur D'Alene District
(Lelande)

Land Status

Land ownership: Private
Administrative Organization:

Holdings

Workings

Type: Underground

Ownership

Owner Name: Hercules Min. Co.
Company ID:
Percent:
Home Office:
Info Year:
Years: -

Owner Name: Day Mines
Company ID:
Percent:
Home Office:
Info Year:
Years: -

Production

Year: 1967
Time Period: Thru 1967
Mined:
Material type: ORE
Description: Cp_Grade: ^2.4
Oz/Ton Ag, 4.9% Pb, 6.7% Zn

Deposit

Record Type: Site
Operation Category: Past
Producer
Deposit Type: Vein
Plant Type:
Plant Subtype:
Operation Type: Unknown
Mining Method:
Milling Method:
Year First Production: 1926
Year Last Production:
Discovery Year:
Discovery Method: Unknown
Years of Production:
Organization:
Significant: N
Deposit Size: M

Physiography

General Physiographic Area: Rocky Mountain System
Physiographic Province: Northern Rocky Mountains
Physiographic Section:
Physiographic Detail: Bitterroot Mountains - Coeur D'Alene Mountains

Mineral Deposit Model

Orebody

Name:
Form:

Structure

Alterations

Rocks

Name: Quartzite
Role: Host
Description:
Age Type: Host Rock
Age in Years:
Dating Method:
Material Analyzed:
Age Young: Neoproterozoic
Age Old:

Analytical Data

Materials

Comments

Comment Type: Deposit	Comment DEPTHS TO TOP, BOTTOM EXPRESSED IN ELEVATION. IN THE TAMARACK - MARSH MINERAL SUBBELT.
Comment Type: Workings	Comment DEPTH BELOW SURFACE AND WORKINGS ARE 1926 FIGURES
Comment Type: Location	Comment CLOSE TO CANYON CREEK.

References

Reference Category: Deposit Pages:	Reference: CROSBY, G. M., 1969 , A PRELIMINARY EXAMINATION OF TRACE MERCURY IN ROCKS, COEUR D'ALENE DISTRICT, IDAHO: QUART. COLORADO SCH. MINES, V. 64 , NO. 1 , P. 172 URL:
Reference Category: Deposit Pages:	Reference: FRYKLUND, V. C., JR., 1964 , ORE DEPOSITS OF THE COEUR D'ALENE DISTRICT, SHOSHONE COUNTY, IDAHO: USGS PROF. PAPER 445 , 103 P. URL:
Reference Category: Deposit Pages:	Reference: GRIGGS, A. B., 1952 , GEOLOGY AND NOTES ON ORE DEPOSITS IN CANYON-NINE MILE CREEKS AREA, SHOSHONE COUNTY, IDAHO: USGS OPEN-FILE REPT., 108 P. URL:
Reference Category: Deposit Pages:	Reference: KATZ, F. J., 1929 , MINERAL RESOURCES OF THE UNITED STATES, 1926 , PART I-METALS: USBM, P. 447 URL:
Reference Category: Production Pages:	Reference: CROSBY, G. M., 1969 , QUARTERLY OF THE COLORADO SCH. MINES, V. 64 , NO. 1 , P. 172. GRIGGS, A. B., 1952 , USGS OPEN-FILE REPT., 108 P. KATZ, F. J., 1931 , MINERAL RESOURCES OF THE UNITED STATES, 1928 , PART 1 - METALS: US BUR MINES, P. 680 URL:
Reference Category: Deposit Pages:	Reference: 1929 COMPILE USBM, MINERAL RESOURCES REPT., 1926 URL:
Reference Category: Deposit Pages:	Reference: 1952 GEOLMAP A. B. GRIGGS, OPEN FILE REPT. URL:
Reference Category: Deposit Pages:	Reference: 1964 OTHER V. C. FRYKLUND, PROF. PAPER 445 URL:

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Did You Know.....

A mine is a hole in the ground, owned by a liar.
-Mark Twain

Search

Search Western Mining History

Search

Thirty-eighth Annual Report
of the

Mining Industry of Idaho

For the Year
1936



HERBERT E. SAMMS
WALLACE, IDAHO

ARTHUR CAMPBELL
Inspector of Mines
Boise, Idaho

es F. McCarthy, Pres.-Mgr.; Leo J. Hoban, pt. 26, 1898. **Capital:** 1,000,000 shares; par value 10c; **Property:** 48 patented claims, 10 unpatented, **Development:** Principally by a 4-compartment vertical shaft 1300 ft. deep, with 8 intermediate levels; total development, approximately 18 miles. **Plant:** MINE: Special first motion double-reel Nordberg electric hoist, direct connected to 700 h. p. motor; one 22x16 I-R and one 29x21 I-R compressor, both electrically driven; electric trolley locomotive in main transportation tunnel and storage-battery locomotives in intermediate levels; complete and modern mine equipment and shops. **MILL:** 900-ton concentrator, including flotation. **Remarks:** Average, 392. 2417 ft. of de- ar.

PANY

. Nickelby, Pres., Gem; Eugene C. Iverson, 1896. **Capital:** 3,000,000 shares; par value 10c; **Property:** 4 unpatented claims, Slate Creek dist.; **Development:** Principally by 1 tunnel, 161 ft. **Ore:** Copper, lead derway for active development.

ry L. Day, Pres.-Mgr., Wallace. Inc.; Dec. 1898. **Capital:** 430,180 shares issued.



A MINING CO., BURKE, IDAHO

HERCULES GROUP

Property: Hercules group, 41 claims, Lelande and Placer Center dists.; Burke. **Development:** Principally by 5 tunnels: No. 1, 280 ft. long; No. 2, 3350 ft. long; No. 3, 3900 ft. long; No. 4, 5900 ft. long; No. 5, 8550 ft. long; and a 4-compartment vertical shaft 1300 ft. deep, with 8 intermediate levels; total development, approximately 18 miles. **Plant:** MINE: Special first motion double-reel Nordberg electric hoist, direct connected to 700 h. p. motor; one 22x16 I-R and one 29x21 I-R compressor, both electrically driven; electric trolley locomotive in main transportation tunnel and storage-battery locomotives in intermediate levels; complete and modern mine equipment and shops. **MILL:** 900-ton concentrator, including flotation. See Idaho Thirty-first Ann. Rept. Min. Industry, 1929, pp. 23-27, for complete description. **Ore:** Lead-silver. **Remarks:** Idle.

MAHER-HEARN GROUP

Property: 39 patented claims, Lelande dist.; Burke. **Development:** Through 4500 ft. tunnel of Gertie Mining Co., at the end of which are more than 4000 ft. of tunnel and a 400 ft. vertical shaft. **Plant:** Electrically driven 1000 cu. ft. I-R compressor; air driven hoist; trolley electric locomotive haulage; complete and modern equipment. **Ore:** Lead-silver. **Remarks:** Idle.

HIDDEN TREASURE MINING CO.

Office: Wallace. **Officers:** H. G. Washburn, Vice-Pres. & Mgr.; A. W. Hoover, Sec., both of Wallace. Inc.: May 18, 1908. **Capital:** 500,000 shares; par value 10c; all shares issued. **Property:** Hidden Treasure group; 4 patented claims, Lelande dist.; Burke. **Development:** Approximate total development, 2810 ft. **Remarks:** Idle.

HIGHLAND-SURPRISE CONSOLIDATED MINING CO.

Office: Wallace. **Officers:** Dr. Charles R. Mowery, Pres., Spokane, Wash.; H. M. Huemann, Sec., Wallace. Inc.: Aug. 27, 1912. **Capital:** 1,200,000 shares; par value \$1; 1,000,000 shares issued. **Property:** 12 patented, 22 unpatented claims, Pine Creek, Yreka dist.; Kellogg. **Development:** Approximately 2 miles of underground workings. **Plant:** MINE: A 7-drill I-R compressor, electrically driven; complete mining equipment and camp. **MILL:** 150-ton concentrator. **Ore:** Lead-zinc-silver. **Remarks:** Report not filed for 1936.

HILL MINING & MILLING CO.

Office: First State Bank Bldg., Kellogg. **Officers:** Elmer Brown, Pres.-Mgr.; N. B. Hardy, Sec., both of Kellogg. Inc.: May 10, 1916. **Charter** forfeited 1935. **Capital:** 1,000,000 shares; par value 2c; 515,928 shares issued. **Property:** Hill group; 7 unpatented claims, Yreka dist.; Kellogg. **Development:** Approximate total development, 1300 ft. **Remarks:** Idle.

HORNSILVER MINING & MILLING CO.

Office: 5007 Brooklyn, Seattle, Wash. **Officers:** Russell F. Collins, Sec.-Mgr., Seattle, Wash. Inc.: May 31, 1901. **Capital:** 1,000,000 shares; par value 10c; 719,845 shares issued. **Property:** 9 unpatented claims, Placer Center dist.; Wallace. **Development:** By 4 tunnels, the principal one being 1200 ft. long. **Ore:** Lead-silver-gold. **Remarks:** Maintenance and repair work.

HORSESHOE MINING CO.

Office: Mullan. **Officers:** Jas. B. Scoles, Pres.-Mgr., Mullan. Inc.: July 16, 1908. **Capital:** 1,500,000 shares; par value \$1; 900,000 shares issued. **Property:** Horseshoe group; 9 unpatented claims, Hunter dist.; Mullan. **Development:** 2 tunnels: No. 1, 400 ft. long; No. 2, 3000 ft. long. **Ore:** Lead-silver. **Remarks:** Idle.

HUMMING BIRD MINING CO.

Office: Wallace. **Officers:** Harry L. Day, Pres.-Mgr.; S. F. Heitfeld, Sec., both of Wallace. Inc.: June 27, 1898. **Capital:** 1,500,000 shares; par value \$1; 1,405,575 shares issued. **Property:** Humming Bird group; 19 patented claims, Lelande dist.; Burke. **Development:** Total development, approximately 16,106 ft. of tunnels, the principal of which are No. 4, 1253 ft. long, and No. 5, Hercules, 12,086 ft. long. **Plant:** All equipment used in operation furnished by Hercules Mining Co. **Ore:** Lead-silver. **Remarks:** Corporation dissolved early in 1936. All property purchased by the Hercules Mining Company.

INSTRUMENT NUMBER 98810

WARRANTY DEED

THIS INCENTURE, Made the 10th day of Feb. A.D. 1936 between Annie E. McKinnon of
Wardner County of Shoshone State of Idaho Party of the first part, and Ethel McKinnon-Lofswold
of Wardner County of Shoshone State of Idaho party of the second part:
WITNESSETH, That the said party of the first part, for and in consideration of the
sum of One Dollar (\$1.00) Dollars lawful money of the United States of America, to her in
hand paid by the party of the second part, the receipt whereof is hereby acknowledged, has
granted, bargained and sold, and by those presents does grant, bargain, sell, convey and con-
firm unto the said party of the second part, and to her heirs and assigns forever, all the
following described real estate, to-wit:

All of Lot Twelve (12) in Block Eleven (11) in the city of Wardner, County
of Shoshone, State of Idaho.
All of Lot Eleven (11) in Block Eleven (11) Wardner, Shoshone County, State
of Idaho.
All of Lots Eight (8) Nine (9) and Ten (10) in Block Eleven (11) in the city
of Wardner, County of Shoshone, in the state of Idaho

TOGETHER With all and singular the tenements, hereditaments and appurtenances there-
unto belonging or in any wise appertaining, and the rents, issues and profits thereof, and
all estate, right, title and interest in and to the said property, as well in law as in equity,
of the said party of the first part:

TO HAVE AND TO HOLD, All and singular, the above mentioned and described premises,
together with the appurtenances, unto said party of the second part, and to her heirs and
assigns forever. And the said party of the first part, and her heirs, the said premises in
the quiet and peaceful possession of the said party of the second part her heirs and assigns,
against the said party of the first part, and her heirs and against all and every person and
persons whomsoever, lawfully claiming or to claim the same shall and will WARRANT and by
those presents forever DEFEND.

IN WITNESS WHEREOF, The said party of the first part has herunto set her hand and
seal the day and year first above written.

Signed, Sealed and Delivered in the Presence of
Evelyn Flaig

Annie E. McKinnon (SEAL)

STATE OF IDAHO }
County of Shoshone } SS

On this 10th day of Feb. A.D. 1936, before me, C. B. FORBES a Notary Public in and
for the State of Idaho, personally appeared Mrs. Annie E. McKinnon of Wardner, Shoshone
County, State of Idaho, personally known to me to be the individual who signed the within and
foregoing instrument and acknowledged to me that she executed the same.

IN WITNESS WHEREOF, I have herunto set my hand and affixed my notarial seal the day
and year in this certificate first above written.

C. B. Forbes
Notary Public in for the State of Idaho,
residing at Kellogg, Shoshone County, Idaho
My Commission expires Feb 1937

(NOTARIAL SEAL)

RECORDED AT REQUEST of Ethel Lofswold Feb. 10 1936 at 3:45 o'clock P.M.

HARRY A. ROGERS, COUNTY RECORDER

By *C. M. Biggs* Deputy

INSTRUMENT NUMBER 98813

THIS INSTRUMENT made this the 11th day of February, A.D. 1938, by and between the
HUMMING BIRD MINING COMPANY, a corporation duly organized and existing under the laws of the
State of Idaho and having its registered office and principal place of business in Burke,
Shoshone County, Idaho, the party of the first part, and HERCULES MINING COMPANY, a corpora-
tion duly organized and existing under the laws of the State of Delaware, licensed as a
foreign corporation under the laws of the State of Idaho and having its registered office
and principal place of business in Wallace, Shoshone County, Idaho, the party of the second
part,

WITNESSETH: That said party of the first part, for and in consideration of the sum
of TWENTY EIGHT THOUSAND ONE HUNDRED ELEVEN and 50/100 (\$28,111.50) DOLLARS, lawful money of
the United States of America to it paid by said party of the second part, the receipt whereof
is hereby acknowledged, has granted, bargained, sold and conveyed, and by those presents does
grant, bargain, sell, convey and confirm unto said party of the second part, its successors
and assigns, forever, all the mining property situate, lying and being in Place Center and
Lelande Mining District, Shoshone County, Idaho, and more particularly described as follows,
to-wit:

ALL of the NORTH STAR and FAIRVIEW consolidated lode mining claims, designated by
the Surveyor General as Lot No. 1594, for which a United States patent was issued to the
Humming Bird Mining Company dated March 1st, 1902, which patent is duly recorded in Book "A"
of Patents at page 352 thereof of the records of said Shoshone County, Idaho; to which said
patent and the record thereof reference is hereby had and made for a more specific descrip-
tion of said North Star and Fairview consolidated lode mining claims, EXCEPT, however, that
portion of said Fairview lode heretofore by said Humming Bird Mining Company conveyed to
The Empire State-Idaho Mining & Development Company, a New York corporation, by deed dated
April 15, 1903; which deed and a plat thereto attached is duly recorded in Book 24 of Deeds
at page 538 thereof of the records of said Shoshone County, Idaho, and more particularly
described as follows, to-wit:

ANNUAL REPORT

DAY MINES, INC.

For the Year Ending December 31, 1947

Incorporated Under Laws of Idaho

GENERAL OFFICES

Wallace, Idaho

OFFICERS

HENRY L. DAY, President and Manager
F. M. ROTHROCK, Vice President
PAUL B. JESSUP, Vice President and Comptroller
S. F. HEITFELD, Secretary and Treasurer
R. W. ANNO, Asst. Secretary and Asst. Treasurer

DIRECTORS

ELEANOR DAY BOYCE, Wallace, Idaho
HENRY L. DAY, Wallace, Idaho
WRAY D. FARMIN, Spokane, Washington
PAUL B. JESSUP, Wallace, Idaho
C. I. PAULSEN, Spokane, Washington
F. M. ROTHROCK, Spokane, Washington
F. W. ROTHROCK, Spokane, Washington

TRANSFER OFFICE

DAY BLDG., WALLACE, IDAHO

Manager's Report

Wallace, Idaho

March 8, 1948

TO THE STOCKHOLDERS OF DAY MINES, INC.

Herewith please find report and financial statements for the calendar year 1947, covering the operations of Day Mines, Inc., and its twelve predecessor companies. The combined production of silver, lead and zinc increased from that of the previous year as more workers were available. The combined net operating profit of all the companies, parties to the consolidation of October 1, 1947, after all deductions including state and federal income taxes, was \$654,667.01 during the past year; it was \$898,292.75 before depletion. Cash amounted to \$920,341.53 on December 31, 1947, and current assets exceeded current liabilities by \$1,382,736.72. The ratio of current assets to current liabilities was 3.2 to 1.

CONSOLIDATION—Day Mines, Inc. came into corporate existence on October 1, 1947, being a statutory consolidation of twelve mining companies, all owning mineral properties in the Coeur d'Alene Mining District of Northern Idaho. In meetings specially called for the purpose, the shareholders of each of the predecessor companies voted on September 23 and 24, 1947, by more than two-thirds majorities in favor of the consolidation. At the twelve meetings there were a total of 20,713,614½ shares eligible to vote; 17,931,469 shares were present in person or by proxy. Of the 20,713,614½ shares, 86.19% voted in favor of the consolidation, and only 0.38% in opposition. As a result, all assets and liabilities of the twelve old companies were assumed by Day Mines, Inc. on October first, and the predecessor corporations were legally dissolved the same day. Exchange ratios for the old stocks into the new were also established at the shareholders' meetings. For each 1,000 shares of the predecessor company, the old stockholders were entitled to receive the following number of Day Mines, Inc. shares:

Tamarack & Custer Cons. Mng. Co.	164
Hercules Mining Co.	692
Sherman Lead Co.	168
Dayrock Mining Co.	340
Monitor Mining Co.	212
King Mining Co.	60
Stanley Mining Co.	8
Duluth Mining Co.	12.5
Happy Day Mining Co., Ltd.	7
Western Union Mining Co.	6
Crystal Lead Mines Co.	21
Treasure Vault Mining Co.	6

On March 1, 1948, Day Mines, Inc. had 2,149 shareholders of record. In addition, there were 397 shareholders of the twelve old companies who had not yet surrendered their old shares for conversion into certificates of Day Mines, Inc. at the foregoing ratios. However, 99.08% of the old shareholdings have done so. The management urges the others to do so immediately, as the exchange is necessary in order for them to receive the 10c per share dividend payable January 31, 1948.

DIVIDENDS—In June, 1947, three of the predecessor corporations declared dividends to their shareholders. The Dayrock paid \$43,680.72, at the rate of 2½c per share; the Sherman disbursed \$73,500.00, at the rate of 2c per share; and the Tamarack paid \$50,000.00 at the rate of 1c per share. All of these dividends were paid from current earnings, and were fully taxable to stockholder recipients.

Day Mines, Inc. paid its first dividend on January 31, 1948, of 10c per share, aggregating \$288,657.50. This dividend was declared on November 13, 1947, and made payable to stockholders of record on January 3, 1948. A portion of this dividend was charged to current earnings and the balance to capital surplus. The status of this dividend from the standpoint of its taxability to the shareholders has not been determined at the present time. When it is, stockholders will be advised.

Dividends declared by all the companies totalled \$455,838.22 in 1947. At the present time the management has no fixed policy with respect to the declaration of regular dividends. These will be paid in the future as justified by earnings, after setting aside prudent amounts for capital expenditures (new properties, new equipment, exploration work) and for additional working capital.

EXPLORATION AND DEVELOPMENT—Progress was at an accelerated pace last year, appreciably above the substantial totals of 1946. To a considerable extent, the 1947 program was underwritten through exploration funds made available by the Office of the Premium Price Plan for Copper, Lead and Zinc operating under order No. 137 of the Office of Economic Stabilization, issued in September, 1946. Federally aided exploration projects were terminated December 31, 1947. In addition, Day Mines, Inc. and the majority of its twelve predecessor companies (treated in this paragraph as a single entity for calendar 1947), made substantial expenditures in the search for new and additional ore bodies.

The 800 level, present bottom one in the Dayrock mine, was extended westerly 1,335 feet to the Murray fault and 1,320 feet of diamond drilling performed east thereof. The Nipsic crosscut on Interstate No. 4 level (now re-named the 1500) was extended 2,745 feet northerly to intersect two Silver Tip veins near the end of 1947. The Carlisle vein was explored in 1947 by deepening the shaft 145 feet, drifting a total of 470 feet on a new lower level (the 3250), and by extending drifts northerly and southerly on the main haulage level (the 2800) a total of 549 feet. On the Idora No. 3 level (the 1400) the drift on the Tuscumbia vein system was driven 907 feet easterly, and 1,257 feet of the diamond drilling done therefrom. No ore was discovered but a strong vein was left in the face, as winter weather made the work difficult. Further exploration to the east is planned for 1948. A portion of the area intervening between the Sherman and Tamarack mines was explored by crosscutting and drifting a total of 1,050 feet to the west of and from the Sherman 1,000 level. Only about 60% of the original project was completed. From the 2400 level of the Tamarack mine an off-set, vertical shaft was sunk 300 feet. Drifting on the 2700 level, the deepest in the mine, will be completed in 1948. No additional ore bodies were developed in 1947 either on the Crystal Lead vein, or on the Fairview vein in the present Hercules Group. The latter (one of the old Humming Bird veins) is now regarded as worked out. An extensive geological reconnaissance of the King Area, running from Burke southeasterly over the Mullan divide toward the Snowstorm mine, was started in the spring of 1947 and will be completed about July, 1948. Unwatering of the Hercules

shaft, 1200 feet deep, and located nearly two miles underground, was commenced in the third quarter of 1947. At present, unwatering has reached the 1000 level, and a new 500 gallon per minute pump has been installed thereon. The 1000 was the lowest operating level in the old mine. The vein will be initially explored in 1948 by deep diamond drilling from the 1200 level.

The following tabulation is a summary of the progress of the exploration and development work during the past five years. For comparison purposes, the 1947 figures apply to the calendar year at each property without regard to the consolidation of last October first. The totals for 1943, 1944, 1945 and 1946 show the progress of the predecessor companies of Day Mines, Inc.

	Drifting	Cross cutting	Raising	Sinking	Diamond Drilling	Stations & Pockets
1943	7,356 ft.	3,113 ft.	1,345 ft.	436 ft.	11,802 ft.	29,598 cu. ft.
1944	7,151	2,431	2,881	....	7,938	.....
1945	4,179	1,203	2,129	784	3,873	68,411
1946	7,787	4,998	3,638	....	4,587	38,418
1947-Dayrock	2,562	1,093	922	....	4,545	.....
Monitor	4,274	3,475	1,218	145	1,989	36,281
Sherman	1,091	388	517	....	150	.....
Tamarack	837	788	1,802	373	829	32,775
Crystal Lead	650	88	.....	....	181	.....
Hercules-Fairview	87	.....	66	....	1,133	.....
	9,501	5,832	4,525	518	8,807	69,056

ORE RESERVES—These were estimated to aggregate 1,033,918 tons on December 31, 1947, in the four principal mines, as contrasted to 906,264 tons twelve months previously. The increase was chiefly due to the favorable development of the Dayrock in 1947, although there were other substantial contributing factors. Estimates embrace only the "measured" and "indicated" classifications as defined by the U. S. Bureau of Mines, following accepted standards. Such estimating involved prediction of metal prices as well as production costs over a four to five-year period in the future.

PRODUCTION—The output of the mines in 1947 increased in tonnage as more underground workers became available. The following tabulation shows the average grade and tonnage of the company account ore milled during the past five years by the predecessor companies of Day Mines, Inc. For 1947, a breakdown by mines is given for the calendar year. Inasmuch as at the present time it is economically desirable to recover zinc concentrates only from Tamarack and Monitor milling ores, the zinc figures apply only to such production. In 1947 the Tamarack company reclaimed and treated in the Dorn concentrator a modest tonnage of old tailings which had been deposited on its own property. Figures follow:

	Dry Tons	Silver	Lead	Tons Milled From Which Zinc Recovered	Recoverable Zinc
1943	225,684	3.0 oz.	5.7%	142,923	7.8%
1944	222,325	2.6	5.0	157,013	6.7
1945	188,136	2.5	4.5	131,115	6.0
1946	155,363	2.0	4.2	105,761	5.5
1947-Dayrock	46,363	3.1	5.3		
-Hercules (Fairview)	11,163	5.3	7.9		
-Monitor	64,190	.8	2.0	64,190	5.0
-Sherman	33,678	9.1	13.3		
-Tamarack	65,518	1.1	3.3	65,518	4.7
	220,912	2.9	5.1	129,708	4.9
-Tamarack-Tailings	20,059	2.5	3.2	20,059	3.7

The gross contents of the ores milled by the various companies during the past five calendar years are tabulated herewith. The annual figures for pounds of recoverable zinc apply only to those tonnages from which zinc concentrates were made in the mills.

	Silver Oz.	Lead Lb.	Recoverable Zinc Lb.
1943	679,984	25,822,040	22,298,689
1944	580,159	22,268,130	21,014,174
1945	464,834	17,016,001	15,811,080
1946	314,049	12,933,120	11,708,960
1947-Dayrock	145,677	4,933,284	
-Hercules (Fairview)	59,455	1,769,102	
-Monitor	51,188	2,560,018	6,425,950
-Sherman	306,117	8,941,890	
-Tamarack	74,431	4,378,024	6,190,968
	636,868	22,582,318	12,616,916
-Tamarack-Tailings	49,951	1,276,360	1,498,148

LEASING—Five underground leasers produced a total of 19,820 dry tons of milling ore in 1947. Zinc concentrates were made from 18,303 tons. The average grade was 1.4 ounces silver per ton, 3.5 per cent lead, and 4.7 per cent recoverable zinc. The gross content of the ore concentrated was 27,918 ounces of silver, 1,399,440 pounds of lead, and 1,707,714 pounds of recoverable zinc.

Five surface leasers produced 13,079 dry tons of milling ore from old dumps and tailings deposits. Zinc concentrates were made from 7,924 tons of such material. The average grade was 1.3 ounces silver per ton, 1.8 per cent lead,

and 2.2 per cent recoverable zinc. The gross content of the ore concentrated was 17,063 ounces of silver, 465,430 pounds of lead, and 351,708 pounds of recoverable zinc.

Royalties paid by the leasers in 1947 amounted to \$41,359.84. The leasers' output declined slightly from the 1946 totals. This is probably due to the termination of the Premium Price Plan on June 30, 1947, and subsequent lower net prices for zinc.

METAL PRICES—The following table gives the average quotations during the past five years of the three metals produced by Day Mines, Inc. The silver figures are the average prices paid by the United States Treasury for newly-mined domestic metal, while the lead prices are the New York quotations, and the zinc prices are based on the St. Louis market.

Year	Silver Per Oz.	Lead Per Lb.	Zinc Per Lb.
1943	70.625c	6.50c	8.25c
1944	70.625	6.50	8.25
1945	70.625	6.50	8.25
1946	80.56	8.11	8.73
1947	90.00	14.67	10.50

Under the law of July, 1946, the Treasury continued to buy silver produced in the United States at the official price of 90½c per ounce less handling charge. Following the removal of O. P. A. controls in November, 1946, the price of lead advanced to 12.55c at the start of 1947, and to 15.00c early in March, 1947, which has been the quotation ever since. There is a world scarcity of lead at the present time. While the price is now at the highest in history, it is very firm. Zinc was quoted at 10½c per pound in St. Louis all during the past year. United States zinc consumption was in excess of production; which caused a price increase to 12c on January 20, 1948. This quotation should hold until more zinc is available to consumers.

The Premium Price Plan for Copper, Lead and Zinc—an aftermath of the scheme used during World War II to stimulate the production of these three metals—expired June 30, 1947. Hardship was caused to those producers dependent on high zinc prices. Congress enacted a law in July, 1947, extending the Premium Price Plan, little changed, for one year. The measure was promptly vetoed by President Truman, contrary to the expectation of the mining industry. New legislation will be introduced during the present session of Congress. It is now impossible to predict its exact nature or likelihood of enactment into law.

CAPITAL ADDITIONS—Total expenditures for capital purposes in 1947 of Day Mines, Inc. and twelve predecessors, totalled \$578,886.14. Substantial capital expenditures were made last year for the Tamarack 2400 level offset shaft, the deepening of the Carlisle shaft, the completion of a vertical working raise between the Amazon 2000 and 2800 levels, and the unwatering of the Hercules mine. At the end of 1947, the capacity of the Carlisle mill was being increased from 215 tons daily to 490 tons; a lead oxide flotation circuit was being installed in the Sherman mill; and a worn-out ball mill in the Hercules concentrator was being replaced by a used but serviceable unit. Boarding houses at the Sherman mine in Burke and at the Interstate property were equipped and put into service last December. The Mace Power Plant was purchased from Citizens Utilities Co. Substantial expenditures were made for new machinery and equipment for the various mines.

SUBSIDIARIES—The Fern Mining Company, wholly owned by Day Mines, Inc. during 1947, was organized under the laws of Idaho, February 18, 1946. The corporation was non-productive last year, and the development expense was limited to \$1,550.16, mostly for geological work. The Fern company owns 81 unpatented claims aggregating 1554.67 acres, lying southerly and easterly of Osburn at the headwaters of Shields and Lake Gulches. Eighty of the claims are in one contiguous group.

The Aurum Mining Company, a second wholly owned Day Mines, Inc. subsidiary, not only maintained its gold properties near Republic, Washington, but performed successful development work. The major portion of the production came from three leasers, active through all of 1947, who paid the company \$20,774.50 in royalties. The output was shipped direct to a custom smelter as crude silicious ore, and aggregated:

Dry Tons	Grade	Content
14,951.4	0.244 oz. gold	3,643.7 oz. gold
	1.26 oz. silver	18,785 oz. silver

During 1947 the Ben Hur 600 level drift was extended 189 feet northerly, and then turned to crosscut the South Cross vein, which was intersected by 604 feet of work. At the end of the year, drifts on the South Cross vein had been extended a total of 134 feet northerly and southerly. This work and its continuation early in 1948 have indicated a substantial tonnage of better than average grade.

The tonnage of the Aurum ore reserves declined about 5% in 1947, while the gold grade increased about 10%. This is due to the fact that estimated future operating costs had to be increased which raised the cut-off grade, and eliminated a substantial amount of low-grade material, previously considered commercial.

The Aurum company maintained its properties during 1947 at a loss of \$4,784.40, before depletion. In addition, net capital expenditures amounted to \$44,769.22, which with one exception was all for the exploration of the South Cross vein from the Ben Hur 600 level. The exception was \$5,200 spent for the purchase of additional mineral property.

GENERAL—The Hercules mill operated rather steadily as well as profitably during 1947 on a custom basis. Until last July when President Truman vetoed the one-year extension of the Premium Price Plan bill, operations were at near capacity on freshly broken ore. Since then, screened river tailings have furnished the bulk of the material concentrated.

Day Mines, Inc. has a one-fourth participating interest in a long-term lease on the Galena property held by the American Smelting and Refining Company. The Galena property, a mile west of Wallace, is now owned by the Vulcan Silver-Lead Corporation, a subsidiary of the Callahan Zinc Lead Company. The project contemplates deepening the

Galena shaft more than 2000 feet vertically to approximate sea level, and 5000 feet of crosscutting and drifting at that elevation. This work was started in 1947 with the installation of a large compressor, suitable double drum hoist, surface buildings, and the rehabilitation of the old shaft to the sump, 840 feet below the collar. The shaft work included the addition of a fourth compartment to be used for ventilation. By March 1, 1948, the shaft had been deepened about 200 feet. Day Mines, Inc. expenditures in 1947, account of its quarter interest in the Galena project, amounted to \$61,006.89.

In January, 1947, "portal" pay suits were filed against several of the predecessor companies in the total of \$615,091. The cases were tried in the district federal court in Coeur d'Alene last November. The following month Judge Chase A. Clark decided the cases should be dismissed if pleadings were not amended. A judgment of dismissal was entered February 20, 1948, which is subject to appeal if made within three month of that date.

A new labor contract was negotiated in the summer of 1947 and is effective until June 30, 1949, except that the matter of wages can be re-opened on June 30, 1948. It provided for an increase of \$1.00 per shift and six paid holidays. The average daily wage paid to all wage-earners including shift differentials, overtime, vacations and holidays, is now about \$11.89.

The number of employees increased substantially last year as the labor supply showed a marked improvement. On Day Mines, Inc. payrolls, on December 31, 1947, there were 569 employees of all classifications, an increase of 116 during the year. Approximately two-thirds were working underground. Turn-over continued very high as hires and separations in 1947 ran in excess of 1,300 and 1,200 respectively. At present only experienced miners are being employed.

Day Mines, Inc. shares were traded in as "unlisted" by the Spokane Stock Exchange from October 1, 1947, to February 25, 1948, with the approval of the Securities and Exchange Commission. On the latter date, Day Mines, Inc. shares were admitted to "listed" trading, and Dayrock, Sherman and Tamarack were no longer called. Further Day Mines, Inc. listing is under consideration, and will be applied for when opportune.

OUTLOOK—The Day Mines, Inc. properties are well equipped, both surface and underground, and in a position to take advantage of high prices for lead and zinc. However, a substantial portion of the ore reserves are low to medium in grade, and due to present high costs, this tonnage requires high prices for profitable extraction. The management anticipates a high rate of capital expenditures during the next few years as several exploration projects are now in the formulative stage, in addition to the unwatering of the Hercules mine, and the one-fourth interest in the deep development at the Galena shaft.

This opportunity is taken to thank all employees, whose loyal and efficient services made the 1947 results possible. Particular appreciation is accorded to those who participated in the unusual work required by the consolidation.

Respectfully submitted,
HENRY L. DAY,
President and Manager.

Auditor's Certificate

Day Mines, Inc.

Wallace, Idaho
March 6, 1948

To the Board of Directors
Day Mines, Inc.
Wallace, Idaho
Gentlemen:

We have examined the balance sheet and statement of surplus of Day Mines, Inc., as at December 31, 1947, and the combined statement of profit and loss of the predecessor corporations and the Day Mines, Inc. for the year then ended, have reviewed the system of internal control and the accounting procedures of the company and, without making a detailed audit of the transactions, have examined or tested accounting records of the company and other supporting evidence, by methods and to the extent we deemed appropriate. Our examination was made in accordance with generally accepted auditing standards and included all procedures which we considered necessary in the circumstances.

The investments in subsidiaries are not consolidated into the balance sheet of the Day Mines, Inc. for the reason that the subsidiaries are in the development stage and the book values of the property, plant, and equipment of these companies have no relation to actual value, which can only be determined from future exploration. The investments in these companies are carried at cost, and current accounts with them are shown in the balance sheet.

In our opinion the accompanying comparative balance sheet and related comparative statements of income and surplus and the notes thereon present fairly the position of Day Mines, Inc. at December 31, 1947, and the results of operations for the fiscal year then ended in conformity with generally accepted accounting principles.

Yours very truly,
L. J. RANDALL,
Certified Public Accountant

DAY MINES, INC.
CONDENSED BALANCE SHEET

December 31, 1947

ASSETS

CURRENT ASSETS:

Cash on Hand and in Banks	\$ 920,341.53
Bond Investments @ Cost (Market \$263,314.40)	253,560.61
Amounts due from Smelters for Concentrates Shipped	470,808.69
Concentrates on Hand @ Market value	12,930.09
Receivables and Prepaid Expenses	52,051.13
Inventory of Mine and Mill Supplies at Cost	309,406.50

TOTAL

\$2,019,098.55

INVESTMENTS:

Stock of Subsidiary Companies @ Cost	490,477.53
Advances to Subsidiary Companies	196,326.56
Stock of Other Companies @ Cost	88,376.02
Other Investments	9,369.00

TOTAL

784,549.11

MINING PROPERTIES, PLANT & EQUIPMENT:

Operating Mining Properties:	
Mining Claims and Ore bodies (after deducting Reserve Plant, Equipment, Deferred Mining Costs, for Depletion)	1,560,941.12
Furniture and Fixtures (after deducting Reserve for Depreciation)	1,131,372.02

TOTAL

2,692,313.14

Non Operating Mining Properties:

Claims and Mining Properties	1,869,147.21
Exploration Costs and Other Interests	241,905.15

TOTAL

2,111,052.36

TOTAL ASSETS

\$7,607,013.16

LIABILITIES

CURRENT LIABILITIES:

Accounts Payable	\$ 157,348.09
Wages and Salaries Payable	101,499.62
Taxes Payable	78,584.34
Dividend Payable	288,657.50
Exploration Premiums Unexpended	10,272.28

TOTAL

\$ 636,361.83

CAPITAL STOCK (Authorized—5,000,000 shares
par value 10c per share)

Capital Stock Issued and Outstanding
(2,886,575 shares, par value 10c per
share)

288,657.50

SURPLUS: (See Statement of Surplus)

Capital Surplus	6,681,993.83
Earned Surplus	.00

TOTAL

6,681,993.83

TOTAL LIABILITIES

\$7,607,013.16

FOOTNOTE: No provision has been made for possible liability for additional compensation to employees under the "portal to portal" suits which have been dismissed, and for additional federal income taxes that might arise out of the Tamarack & Custer Consolidated Mining Company's depletion controversy with the Bureau of Internal Revenue.

Beginning at a point which bears from Cor. No. 1 of Min. Sur. #707, the Wide West Lode Mining Claim, North 32° 40' West 702 ft. and running thence North 46° 20' West 333.1 ft.; thence North 47° 58' East 80.6 ft.; thence South 32° 40' East 368.6 ft. to the place of beginning, containing 0.333 of an acre; Also, beginning at Cor. No. 3 of said Fairview Lode Mining Claim and running thence North 82° 40' East 111.8 ft.; thence North 51° 52' West 302.7 ft.; thence South 32° 17' East 238 ft. to the place of beginning, containing 0.177 acres, more or less.

ALSO, ALL of the NORTH STAR FRACTION and FAIRVIEW FRACTION consolidated lode mining claims, designated by the Surveyor General as Lot No. 1824, a United States patent for which was issued to the Humming Bird Mining Company dated July 21, 1904, which patent is duly recorded in Book "A" of Patents at page 367 thereof of the records of Shoshone County, Idaho; to which said patent and said record thereof reference is hereby had and made for a more definite and specific description of said North Star Fraction and Fairview Fraction Lode mining claims;

ALSO, ALL of the TORPEDO Lode mining claim designated by the Surveyor General as Lot No. 1838, for which a United States Patent was issued to the Humming Bird Mining Company dated May 16, 1904 and recorded in Book "A" of Patents at page 370 thereof of the records of Shoshone County, Idaho, to which said patent and the record thereof reference is hereby had and made for a more definite and specific description of said Torpedo Lode mining claim;

ALSO, ALL of the Humming Bird Group, consisting of the BOMBARD, HUMMING BIRD, BLUE JAY, TOMAHAWK, PHILIPPINE, FAIRMONT, COMMERCIAL, WEDGE FRACTION, MOUNTAIN VIEW, SUMMIT, NO COUNT, JOSIE, AETNA and PHOENIX Lode Mining Claims designated by the Surveyor General as Lot No. 1934, for which a United States Patent was issued to the Humming Bird Mining Company dated July 28, 1905, and is duly recorded in Book 28 of Deeds at page 388 thereof of the records of Shoshone County, Idaho; to which said patent and the record thereof reference is hereby had and made for a more definite and specific description of said Humming Bird Group; EXCEPT, however, that portion of the Aetna and Phoenix Lode Mining claims heretofore conveyed by the Humming Bird Mining Company to Daniel H. Green by deed dated February 17, 1906, recorded in Book 28 of Deeds at page 196 thereof of the records of said Shoshone County, Idaho, and more particularly described by metes and bounds as follows, to-wit:

Beginning at corner No. 4 of said Aetna Lode Mining claim and running thence North 80° 40' East 735.3 ft. to corner No. 3 thereof; thence South 49° 30' East 841.6 ft. along the Northeastly side line of said Aetna lode mining claim to a point; thence South 23° 35' West 95.8 ft.; thence South 32° 07' West 1027.8 ft. to a point on the southwest side line of said Phoenix lode mining claim; thence North 49° 30' West 1201.9 ft. along the southwest side line of said Phoenix Lode Mining claim to corner No. 7 thereof; thence North 6° East 212 ft. to corner No. 6 thereof; thence North 37° 41' East 392 ft. to corner No. 5 thereof; thence North 49° 30' West 153.1 ft. along the southwest side line of said Aetna lode mining claim to the place of beginning, containing 29.188 acres.

ALSO, ALL that part of the surface ground of the FAIRVIEW Lode mining claim, Min. Sur. #1594 and of the SHOO FLY No. 2 Lode mining claim, Min. Sur. #1486, situate, lying and being in Leland Mining District, Shoshone County, Idaho, and heretofore conveyed to the Humming Bird Mining Company by the Empire State-Idaho Mining & Development Company, a New York corporation, by deed dated February 26, 1903 and duly recorded in Book 24 of Deeds at page 539 thereof of the records of Shoshone County, Idaho and more particularly described by metes and bounds as follows, to-wit:

Beginning at Cor. No. 1 of Sur. No. 707, the Wide West Lode mining claim and running thence South 36° 01' West 168.3 ft.; thence South 70° 02' East 80 ft.; thence South 36° 26' East 33.8 ft.; thence North 60° 09' East 57.6 ft.; thence South 10° 51' East 46 ft.; thence North 69° 09' East 50 ft.; thence North 20° 51' West 46 ft.; thence North 69° 09' East 61.9 ft.; thence North 77° 49' East 103.4 ft.; thence North 12° 06' West 111.5 ft.; thence South 88° 55' West 230 ft. to the place of beginning, containing 1.033 acres.

ALSO, ALL that portion of the SHOO FLY No. 2 Lode Mining claim, Min. Sur. #1486, heretofore conveyed to the Humming Bird Mining Company by Thomas A. Roy and Alexandrine Roy, his wife, and Joseph Pichler and Katie Pichler, his wife, by deed dated May 14, 1909, duly recorded in Book 39 of Deeds at page 269 thereof of the records of Shoshone County, Idaho, and more particularly described by metes and bounds as follows, to-wit:

Beginning at the Southwest corner, which is identical with the Southeast corner of the Humming Bird Mining Company's tract upon which the cribbing is situated, and whence Cor. No. 7 of Sur. No. 1486, Shoo Fly No. 2 Lode, bears North 69° 38' West 276.36 ft.; thence North 12° 06' West 43.35 ft. along the East Line of the Humming Bird Mining Company's tract to the Northwest corner; thence North 76° 54' East 57.15 ft. to the Northeast corner; thence South 7° 50' East 45.17 ft. along line of cribbing, to the corner of said cribbing and the Southeast corner of this tract; thence South 76° 36' West 52.79 ft. to the place of beginning, containing 0.056 acres.

ALSO, ALL of Lots 12 and 13 of Block 8, with improvements consisting of two dwelling houses and the water right with said houses, and situated on the North side of the street between the dwelling house now occupied by Thomas A. Roy and family and the Humming Bird Mining Company's cribbing.

ALSO, ALL that portion of the surface ground of the SHOO FLY NO. 2 Lode Mining claim, Min. Sur. #1486 heretofore conveyed to the Humming Bird Mining Company by Frank M. Rothrock by deed dated May 29, 1908, recorded in Book 39 of Deeds at page 317 thereof of the records of said Shoshone County, Idaho, and more particularly described by metes and bounds as follows, to-wit:

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Beginning at the Northeast corner; whence Cor. No. 8, Sur. No. 1486, bears North 70° 45' East 220.95 ft.; thence South 76° 54' West 50. ft. to the Northwest corner; thence South 12° 06' East 40. ft. to the Southwest corner; thence North 76° 54' East 50. ft. to the Southeast corner; thence North 12° 06' West 40. ft. to the Northeast corner and place of beginning.

ALSO, ALL that portion of the surface ground of the 6100 FLY NO. 2 Lode Mining claim, Min. Sur. #1486, heretofore conveyed to the Humming Bird Mining Company by Frank M. Northrock by deed dated June 17, 1908, duly recorded in Book 39 of Deeds at page 361 thereof of the records of said Shoshone County, Idaho and more particularly described by metes and bounds as follows, to-wit:

Beginning at the Northeast corner whence Cor. No. 8, Sur. No. 1486, bears North 65° 33' East 415.35 ft.; thence South 71° 35' West 18. ft. to Northwest corner; thence South 10° 51' East 40. ft. to Southwest corner; thence North 71° 06' East 11 ft. to Southeast corner; thence North 13° 36' West 40 ft. to Northeast corner and place of beginning;

AND ALSO, any and all other mining property, surface rights, easements, water rights and rights-of-way wherever the same may be situated and belonging to the Humming Bird Mining Company, it being the intention of said Humming Bird Mining Company to convey and transfer by this deed all and every kind of property now owned by it or in which it may have an interest to said Hercules Mining Company;

TO-WIT: With all the dips, spurs and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein; and all the rights, privileges and franchises thereto incident, appurtenant and appurtenant, or therewith usually used and enjoyed; and, also, all and singular, the tenements, hereditaments and appurtenances thereto belonging or in any way appertaining, and the rents, issues and profits thereof; and also all the estate, right, title, interest, property, possession, claim and demand whatsoever, as well in law as in equity, of the said party of the first part, of, in and to said premises, and every part and parcel thereof, with the appurtenances.

TO HAVE AND TO HOLD all and singular, the said premises, together with the appurtenances and privileges thereto incident, unto the said party of the second part, its successors and assigns forever.

IN WITNESS WHEREOF said party of the first part, by resolution of its Board of Directors made in pursuance of resolutions adopted by the shareholders of the Humming Bird Mining Company, has caused these presents to be subscribed by its President and Secretary and its corporate name and seal to be hereunto affixed this the day and year first above written.

HUMMING BIRD MINING COMPANY
By Jerome J. Day, President

WITNESSES:
S. H. Hultfeldt, Secretary
(CORPORATE SEAL)
U. S. I. R. STAMPS \$10.50
affixed and cancelled

STATE OF IDAHO }
County of Shoshone } SS

On this the 11th day of February, A.D. 1936, before me, Alpha H. Hogan, a Notary Public in and for the State of Idaho, personally appeared JEROME J. DAY, personally known to me to be the President of the Humming Bird Mining Company, the corporation that executed the within instrument, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal at Wallace, Idaho, this the day and year first above written.

Alpha H. Hogan
Notary Public for the State of Idaho,
Residing at Wallace, Idaho.

(NOTARIAL SEAL)

RECORDED AT REQUEST of John H. Wourms Feb. 11, 1936 at 4 o'clock P.M.

HARRY A. ROGERS, COUNTY RECORDER

By C. J. L. Sigurdson Deputy

INSTRUMENT NUMBER 90014

THIS INSTRUMENT made this the 11th day of February, A.D. 1936, by and between THE IDAHO & EASTERN MINING & MILLING COMPANY, LIMITED, a corporation duly organized and existing under the laws of the State of Idaho and having its registered office and principal place of business in Burko, Shoshone County, Idaho, the party of the first part, and HERCULES MINING COMPANY, a corporation duly organized and existing under the laws of the State of Delaware, licensed as a foreign corporation under the laws of the State of Idaho and having its registered office and principal place of business in Wallace, Shoshone County, Idaho, the party of the second part,

WITNESSETH: That said party of the first part, for and in consideration of the sum of SEVEN THOUSAND FIVE HUNDRED THIRTY-ONE and 50/100 (\$7,531.50) DOLLARS, lawful money of the United States of America to it paid by said party of the second part, the receipt whereof is hereby acknowledged, has granted, bargained, sold and conveyed, and by these presents is hereby grant, bargain, sell, convey and confirm unto said party of the second part, its successors and assigns, forever, all the mining property situate, lying and being on George Gulch in Lelande Mining District, Shoshone County, Idaho, and more particularly described as follows, to-wit:

ALL of the ROUNDY Lode Mining claim, designated by the Surveyor General as Lot No. 1878, for which a United States Patent was issued to The Idaho & Eastern Mining & Milling Company, Limited, dated April 19, 1905, and duly recorded on August 16, 1921 in Book 56 of Deeds at page 334 thereof of the records of said Shoshone County, Idaho; to which said patent and the record thereof reference is hereby had and made for a more definite and specific description of said ROUNDY Lode Mining Claim;

SPECIAL WARRANTY DEED

This Special Warranty Deed is executed and delivered this 28th day of February, 1992, by HECLA MINING COMPANY, a Delaware corporation ("Grantor") to LOUISIANA-PACIFIC CORPORATION, a Delaware corporation ("Grantee"), whose address is P.O. Box 4000-98, Hayden Lake, Idaho 83835-4000.

Grant, Exceptions and Reservations. FOR VALUE RECEIVED, Grantor grants, bargains, sells and conveys to Grantee the surface rights to that certain real property located in Shoshone County, Idaho, described on Exhibit A, attached hereto and incorporated herein by this reference together with (i) the right to lateral and subjacent support subject to Hecla's reserved rights; (ii) the right to ordinary soil, rock, sand and gravel located within 100 feet of the surface of said real property; and (iii) the right to reasonable subsurface access to obtain water and the full benefit of the property rights transferred herein (the "Property"); EXCEPTING AND RESERVING TO GRANTOR all other subsurface rights and the "Minerals," and the right to use as much of the surface of the real property described in Exhibit A as in the reasonable judgment of Hecla is reasonably necessary for "Access" and "Mining Operations".

For the purposes of this Deed,

- A. "Minerals" shall mean all ores, base and precious metals, coal, oil, gas, other liquid or gaseous hydrocarbons, minerals and mineral bearing substances of every kind and character, whether currently known to be valuable or becoming valuable in the future, now known to exist or hereafter discovered on, in or under the Property, but excluding ordinary soil and rock, sand and gravel.
- B. "Access" shall mean the right of the Grantor to use existing roads on the Property in connection with Mining Operations and Other Operations and the right to construct new roads, pipelines, powerlines, rail lines or conveyors, tramways, communication lines and other similar access and communications facilities to be used in connection with Mining Operations.
- C. "Mining Operations" shall mean without limitation the right to conduct geological, geophysical or geochemical exploration and the extraction and processing of Minerals on the Property by any method now known or subsequently developed including the right to use water from the Property for such purposes, and the right to use the Property for excavations, tunnels, adits, drill holes, wells, surface mine operations, buildings, tailings, stock piling of ores and mine waste and other facilities as in the reasonable judgment of

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Grantor is reasonably necessary for the exploration and extraction of Minerals.

- D. "Other Operations" shall mean without limitation forest management and timber harvesting and other current uses of the land in the vicinity of the Property now owned or controlled by Grantor or Grantor's affiliates.

TO HAVE AND TO HOLD the said premises, with their appurtenances unto Grantee, its successors and assigns forever. Grantor covenants with and warrants to Grantee that Grantor will defend the Property from all lawful claims whatsoever of persons claiming by, through or under Grantor but not otherwise, subject to the following exceptions:

- (i) Power line and other utility easements of record or in view as of the date hereof;
- (ii) Reservations or exceptions contained in federal patents or in Acts authorizing the issuance thereof;
- (iii) Liens for taxes not yet payable;
- (iv) All rights reserved to or vested in any governmental, statutory or public authority to control or regulate the Hecla Property in any manner, and all applicable laws, rules and orders of governmental authority.
- (v) The exceptions set forth in Exhibit A to this deed.

This grant and conveyance is subject to the terms and conditions of that certain agreement by and between Grantor and Grantee dated February 28, 1992.

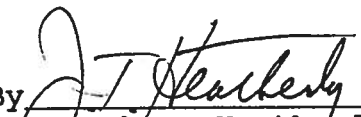
IN WITNESS WHEREOF, the Grantor has caused this Special Warranty Deed to be signed as of the day and year first above written.

HECLA MINING COMPANY, GRANTOR

Attest


Michael B. White
Secretary

By

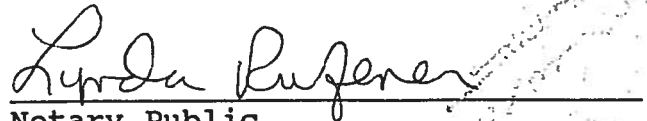

Joseph T. Heatherly
Vice President

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STATE OF IDAHO)
)ss.
County of Kootenai)

On this 28th day of February, 1992, before me, the undersigned, a Notary Public in and for the State of Idaho, personally appeared JOSEPH T. HEATHERLY and MICHAEL B. WHITE, known or identified to me to be the Vice President and Secretary, respectively, of HECLA MINING COMPANY, the officers who executed the instrument on behalf of said corporation, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year in this certificate first above written.



Notary Public
Residing at Coeur d'Alene, Idaho
My Commission Expires: 10/19/94

Exhibit A - Page 47

HECLA MINING COMPANY
HERCULES & TAMARACK AREA

All or a portion of two hundred twenty-one (221) patented lode claims located in Sections 28, 32, 33 and 34, Township 49 North, Range 5 East, and Sections 3, 4, 5, 6, 7, 8, 9 and 10, Township 48 North, Range 5 East, B.M., Placer Center and Lelande Mining Districts, Shoshone County, Idaho, as listed below by mineral survey number and claim name:

<u>Claim Name</u>	<u>Mineral Survey Number</u>	<u>Acres</u>
Union	654	17.010
Hidden Treasure	663	18.750
Burke Tiger Fraction	671	1.630
Crown Point	676	
Custer	676	33.800
Chesapeake	677	19.274
Bullion	823A	10.300
Carbon	898	13.837
Bengal Tiger Fraction	983	2.280
Sherman	1305	15.638
Union Fraction	1305	0.824
Diamond Fraction	1355	
Pacific Fraction	1355	21.551
Fairview Fraction	1419	2.919
Silver Chief No. 2	1473	12.760
Stanley	1473	13.108
North Star	1594	14.363
Darling	1641	20.256
Almo	1654	
Firefly	1654	
Granite Contact	1654	
Hercules	1654	
Old Veteran	1654	
Patti	1654	
Protection	1654	136.674
Alice	1673	
Olympia	1673	
Olympia Fr.	1673	
Portland	1673	
Seattle	1673	80.278

(continued)

Exhibit A - Page 48

<u>Claim Name</u>	<u>Mineral Survey Number</u>	<u>Acres</u>
Station	1781	19.885
Mercury	1782	16.154
Anna	1783	18.591
Nellie	1783	14.139
Lincoln	1784	19.288
Ambergris	1792	10.802
North Star Fr.	1824	5.625
Granite Contact	1870	18.922
Old Veteran Ext.	1870	18.607
Anderson	1871	.518
Roundy	1878	18.277
Anaconda	1902	19.214
Little Chief	1903	15.090
Atlas	1904	19.546
Jupiter	1904	19.530
Phyrne	1904	20.376
Rambler	1904	17.480
Moonlight Fr.	1933	10.076
Oreano	1933	13.227
Pearl	1933	15.606
Pearl Fr.	1933	4.847
Sinker	1933	17.784
Aetna	1934	
Blue Jay	1934	
Bombard	1934	
Commercial	1934	
Fairmont	1934	
Humming Bird	1934	
Josie	1934	
Mountain View	1934	
No Count	1934	
Phillipine	1934	
Phoenix	1934	
Summit	1934	
Tomahawk	1934	
Wedge Fr.	1934	188.258
Grey Eagle	1976	
Happy Day	1976	
Iowa	1976	
Minneapolis	1976	
Snowslide	1976	
Wisconsin	1976	115.300
Marsh	1995	11.725

(continued)

Exhibit A - Page 49

<u>Claim Name</u>	<u>Mineral Survey Number</u>	<u>Acres</u>
Chesapeake Fr.	2011	
Tamarack Fr.	2011	7.364
Burgomaster	2018	12.194
Little Chief Fr.	2018	3.860
Diamond Fr.	2018	3.293
Big Horn	2069	
Roosevelt	2069	
Selkirk	2069	
Skyline	2069	
Smoke-House	2069	103.305
Euna	2073	9.633
Badger	2074	12.600
Ibex	2074	19.044
Leopard	2074	18.508
Panorama	2074	13.407
Panther	2074	16.256
Ontario Fr.	2095	
Puritan	2095	
Puritan Fr.	2095	37.526
Dipper	2101	20.037
E & J	2101	18.766
Irene	2101	20.458
Laclede	2101	20.450
Mars	2101	20.661
Montana	2101	16.843
Saturn	2101	20.660
Tacoma	2101	20.477
Venus	2101	20.406
Botha	2105	
C & R	2105	
Captain Cash	2105	
Napoleon	2105	
Sidwell Fr.	2105	80.809
Bad Axe	2126	
Eureka	2126	
Lilly	2126	
Silver Dollar	2126	
Trade Dollar	2126	
Truax	2126	74.748

(continued)

Exhibit A - Page 50

<u>Claim Name</u>	<u>Mineral Survey Number</u>	<u>Acres</u>
Wellington	2137	18.680
Ajax	2138	19.958
Ganges	2142	
Nilus	2142	
Nilus Fr.	2142	
Ormus Fr.	2142	32.026
Monroe	2158	20.601
Revenue	2172	
Thursday	2172	
Virginus Fr.	2172	38.741
Panorama No. 2	2190	9.443
Panorama No. 3	2191	3.373
Leopold Fr.	2192	11.840
Slide	2277	16.071
Jap	2278	2.567
Herder	2280	
Tago	2280	27.221
Alma	2439	
Smuggler	2439	7.439
Minnie	2440	13.991
Panorama No. 4	2447	4.357
Panorama No. 5	2448	7.686
Rattler	2481	5.004
Goofy Jack	2482	4.806
Rose	2666	14.45
Winter Fraction	2684	
Mahill Fraction	2684	
Central	2697	16.732
Harmony	2698	
Jack	2698	
Jim	2698	19.249
Dime Fr.	2708	5.818
Indus	2712	
Oxus	2712	25.603
Il Medico	2713	
Il Medico Fr.	2713	22.994
Franc	2714	
Trillium	2714	18.031

(continued)

Exhibit A - Page 51

<u>Claim Name</u>	<u>Mineral Survey Number</u>	<u>Acres</u>
Danube	2715	
October	2715	
Rhone	2715	56.037
Alexander	2716	11.161
Hoogly	2717	8.234
Defender	2718	
Hemlock	2718	
O. & T.	2718	
September	2718	
Spruce	2718	
Virginian	2718	75.811
Obi	2719	13.957
Euphrates	2720	2.922
Tamerlane Fr.	2721	5.052
Agnes	2722	
Agnes Fr.	2722	
Aleutan Fr.	2722	
Hawaiian	2722	
Lillian	2722	
Lillian Fr.	2722	
Phillippine Fr.	2722	
Rattler	2722	
San Poil Fr.	2722	
Sweetheart Fr.	2722	71.484
Jerusalem	2723	
Skyline Fr.	2723	13.612
Chance	2732	14.286
Halfway Creek Fr.	2733	2.924
Black Jack	2756	
Ella	2756	
Frankie	2756	
Hemlock	2756	
Josie	2756	
Mamie	2756	
Minnie	2756	
Poor	2756	
Spruce	2756	129.663

(continued)

Exhibit A - Page 52

<u>Claim Name</u>	<u>Mineral Survey Number</u>	<u>Acres</u>
Doty Fr.	2757	
Wedge Fr.	2757	3.242
Battle of Waterloo	2769	
Guelph	2769	
New Jersey	2769	
Syrnna	2769	
Waterloo	2769	91.398
Pleasant Sun Fr.	2815	1.095
A No. 1	2909	
A No. 2	2909	35.516
Knob Hill	2933	
Summit	2933	32.190
Van	2985	4.065
Bernice	2986	1.129
J.J. Jr.	2987	2.057
Jerry	2988	.098
Po	2989	2.276
Remainder	2990	2.061
Sleeper	3001	2.897
Dreamer	3002	1.838
June	3069	4.006
Crater Fr.	3070	
Russell Fr.	3070	16.728
Polygon	3222	3.085
Babe	3243	.111
Edmund	3244	
Stroebe	3244	14.855
Bobbie	3252	.037
Arab	3263	
Coyle	3263	
Harry W.	3263	
Overlooked	3263	
R R	3263	
Ridge	3263	
Smoke House	3263	
Snow Shoe	3263	65.462
Piute	3264	6.662

(continued)

Exhibit A - Page 53

Which are located within the following described perimeter boundary:

BEGINNING at Corner 4 of the EUNA (MS 2073);

THENCE S 26°56' E, 1,122.95 feet to Corner 3 of the EUNA;

THENCE S 86°48' E, 335 feet to Corner 2 of the EUNA;

THENCE N 40°48' E, 1,260.7 feet to Corner 4 of the TORPEDO (MS 1839);

THENCE S 13°53' W, 453.6 feet to Corner 2 of the BOMBARD (MS 1934);

THENCE S 86°55' E, 555.1 feet to Corner 2 of the WIDE WEST (MS 707);

THENCE S 32°40' E, 226.3 feet to Corner 7 of the NORTH STAR;

THENCE S 82°40' W, 417.2 feet to Corner 1 of the FAIRVIEW and Corner 4 of the FAIRVIEW FRACTION (MS 1824);

THENCE S 21°21' W, 529.4 feet to Corner 1 of the FAIRVIEW FRACTION;

THENCE S 53°36' E, 32.8 feet to the intersection of the BURKE TIGER FRACTION (MS 671);

THENCE S 65°44' E, 500.0 feet to Corner 4 of the BURKE TIGER FRACTION;

THENCE S 75°32' W, 48.9 feet to Corner 1 of the BULLION (MS 823A);

THENCE S 34°00' W, 320.0 feet to the intersection of the GALENA (MS 662);

THENCE N 46°33' W, 187.9 feet to Corner 3 of the GALENA;

THENCE S 46°30' W, 298.4 feet to the intersection of the BULLION (MS 823A);

THENCE N 51°48' W, 604.7 feet to Corner 3 of the BULLION;

THENCE N 34°00' E, 600.0 feet to Corner 2 of the BULLION;

(continued)

Exhibit A - Page 54

THENCE N 51°21' W, 608.6 feet to Corner 3 of the HIDDEN TREASURE (MS 663);

THENCE N 52°18' W, 168.2 feet to Corner 2 of the UNION;

THENCE N 64°10' W, 713.64 feet to Corner 7 of the SINKER (MS 1933);

THENCE S 34°00' W, 600.0 feet to Corner 1 of the SINKER;

THENCE S 34°00' W, 5.0 feet to Corner 4 of the PEARL FRACTION (MS 1933);

THENCE S 03°26' W, 108.78 feet to Corner 1 of the PEARL FRACTION;

THENCE N 77°59' W, 937.87 feet to Corner 1 of the MOONLIGHT FRACTION (MS 1933);

THENCE S 21°30' W, 443.02 feet to Corner 2 of the MOONLIGHT FRACTION;

THENCE N 49°27'29" W, 600.0 feet to Corner 3 of the MOONLIGHT FRACTION;

THENCE N 41°49'38" W 501.58 feet to Corner 4 of the MOONLIGHT FRACTION;

THENCE N 03°26' E, 341.52 feet to Corner 5 of the MOONLIGHT FRACTION;

THENCE N 21°30' E, 50.0 feet to Corner 6 of the MOONLIGHT FRACTION and PEARL (MS 1933);

THENCE N 51°02'38" W, 19.05 feet to Corner 3 of the PEARL;

THENCE N 03°26' E, 634.68 feet to Corner 4 of the PEARL and Corner 2 of the OREANO (MS 1933);

THENCE N 03°26' E, 385.0 feet to Corner 3 of the OREANO and Corner 4 of the BONAPARTE (MS 1324);

THENCE N 41°49'38" E, 412.5 feet to the intersection of the CROWN POINT (MS 676);

THENCE N 57°16' W, 320.0 feet to the intersection of the BONAPARTE;

(continued)

Exhibit A - Page 55

THENCE S 03°16' W, 120.37 feet to the intersection of the
TIMBERLINE (MS 1324);

THENCE S 71° W, 1,445.70 feet to Corner 3 of the
TIMBERLINE;

THENCE S 19° W, 600.0 feet to Corner 2 of the TIMBERLINE
and Corner 3 of the SATURDAY (MS 1179);

THENCE S 05°18' E, 160.38 feet to Corner 2 of the GREEN
HILL FRACTION (MS 1322);

THENCE N 66°02'17" W, 10.0 feet to Corner 3 of the GREEN
HILL FRACTION;

THENCE S 13°15' W, 357.23 feet to Corner 2 of the ROSE
(MS 2666);

THENCE N 56°01' W, 1,145.33 feet to Corner 3 of the ROSE
and Corner 2 of the PACIFIC (MS 1355);

THENCE N 69°09' W, 210.1 feet to the intersection of the
DIAMOND FRACTION;

THENCE S 11°27' W, 460.92 feet to Corner 4 of the DIAMOND
FRACTION;

THENCE N 58°45' W, 324.5 feet to Corner 2 of the
CLEVELAND (MS 1043);

THENCE S 23°30' W, 498.0 feet to Corner 3 of the
CLEVELAND;

THENCE N 55°35' W, 58.89 feet to the intersection of the
LAST CHANCE (MS 2330);

THENCE N 23°20' E, 245.53 feet to Corner 3 of the LAST
CHANCE;

THENCE S 87°53' W, 1,343.0 feet to Corner 1 of the TAGO
(MS 2280);

THENCE N 23°20' E, 475.3 feet to Corner 5 of the TAGO;

THENCE N 85°07' W, 1,329.3 feet to Corner 1 of the
SEATTLE (MS 1673);

THENCE N 61°43' W, 1,535.2 feet to Corner 1 of the ALICE
(MS 1673);

(continued)

Exhibit A - Page 56

THENCE N 81°18' W, 496.58 feet to Corner 3 of the OCTOBER (MS 2715);

THENCE S 01°37' E, 1,200.0 feet to Corner 3 of the RHONE (MS 2715);

THENCE N 81°18' W, 1,368.0 feet to Corner 4 of the RHONE;

THENCE N 01°37' W, 1,200.0 feet to Corner 2 of the OCTOBER;

THENCE S 81°18' E, 367.08 feet to Corner 1 of the DANUBE (MS 2715);

THENCE N 01°37' W, 598.72 feet to Corner 2 of the DANUBE;

THENCE S 81°21' E, 65.44 feet to the intersection of the CRYSTAL (MS 1431A);

THENCE S 06°14' E, 172.6 feet to Corner 6 of the CRYSTAL;

THENCE N 81°44'53" E, 868.06 feet to Corner 5 of the CRYSTAL;

THENCE S 88°19'22" E, 585.99 feet to Corner 4 of the CRYSTAL;

THENCE N 08°04'37" W, 481.53 feet to Corner 3 of the CRYSTAL;

THENCE S 87°55' E, 575.8 feet to Corner 3 of the EMPIRE STATE (MS 1431A);

THENCE N 05°21' W, 600.0 feet to Corner 2 of the EMPIRE STATE;

THENCE S 87°55' E, 467.6 feet to Corner 3 of the MANILLA (MS 1431A);

THENCE N 18°41' W, 121.5 feet to the intersection of the DIME FRACTION (MS 2708);

THENCE N 77°06' E, 263.5 feet to Corner 1 of the DIME FRACTION and Corner 4 of the CENTRAL (MS 2697);

THENCE S 60°50' E, 602.0 feet to Corner 3 of the CENTRAL;

THENCE N 35° E, 1,407.0 feet to Corner 2 of the CENTRAL;

THENCE N 60°50' W, 598.0 feet to Corner 1 of the CENTRAL;

(continued)

Exhibit A - Page 57

THENCE S 30°51' W, 64.0 feet to Corner 2 of the POOR (MS 2756);

THENCE N 60°35' W, 1,450.0 feet to Corner 3 of the POOR;

THENCE N 30°51' E, 309.3 feet to the intersection of the LOS ANGELES (MS 2206);

THENCE S 69°17' E, 259.2 feet to Corner 2 of the LOS ANGELES;

THENCE N 48°35' E, 678.6 feet to Corner 1 of the LOS ANGELES;

THENCE N 37°05' E, 600.06 feet to Corner 1 of the SQUARE (MS 2206);

THENCE N 69°17' W, 194.0 feet to the intersection of the SPRUCE (MS 2756);

THENCE N 30°51' E, 244.7 feet to Corner 2 of the SPRUCE;

THENCE S 55°58' E, 538.5 feet to the intersection of the PORT ARTHUR (MS 2567);

THENCE S 49°31'30" E, 1,244.34 feet to Corner 2 of the PORT ARTHUR and Corner 3 of the BESSIE (MS 2567);

THENCE S 69°06' E, 1,076.0 feet to Corner 2 of the BESSIE;

THENCE N 35°57' E, Approximately 310 feet to Corner 5 of the JUDSON (MS 2567);

THENCE S 65°23' W, 750.0 feet to Corner 4 of the JUDSON;

THENCE S 87°18'20" E, 622.78 feet to Corner 3 of the JUDSON;

THENCE N 35°57' E, 350 feet to Corner 2 of the JUDSON;

THENCE N 44°56'30" E, 481.37 feet to Corner 2 of the BUTTE (MS 2567);

THENCE N 44°56'30" E, 480.0 feet to Corner 4 of the OVERSIGHT (MS 2567);

THENCE N 65°11' E, 994.3 feet to Corner 3 of the OVERSIGHT;

(continued)

351159

Exhibit A - Page 58

THENCE N 40°18' E, 20.7 feet to Corner 3 of the CHANDLER (MS 2567);

THENCE N 40°18' E, 600.0 feet to Corner 2 of the CHANDLER;

THENCE N 65°46' W, 20.4 feet to Corner 3 of the GLOBE (MS 2567);

THENCE N 11°07' E, 594.1 feet to Corner 3 of the GIANT (MS 2567);

THENCE N 29°44' E, 572.8 feet to Corner 2 of the GIANT;

THENCE N 79°14' E, 815.5 feet to Corner 4 of the LITTLE CHIEF FRACTION (MS 2018);

THENCE N 45° E, 168.5 feet to Corner 1 of the LITTLE CHIEF FRACTION;

THENCE N 43°55' E, 563.2 feet to Corner 1 of the LITTLE CHIEF (MS 1903);

THENCE S 67°03'30" E, 544.8 feet to the intersection of the ANACONDA (MS 1902);

THENCE N 63°38' W, 177.1 feet to Corner 4 of the ANACONDA;

THENCE N 07°24' E, Approximately 55 feet to Corner 1 of the AJAX (MS 2138);

THENCE N 67°41' W, 1,500 feet to Corner 4 of the AJAX;

THENCE N 07°24' E, 578.7 feet to Corner 3 of the AJAX;

THENCE N 69°15' W, 2.0 feet to Corner 4 of the NEW JERSEY (MS 2769);

THENCE N 20°37' E, 540.0 feet to Corner 1 of the NEW JERSEY;

THENCE S 68°52' E, 302.81 feet to the intersection of the POLYGON (MS 3222);

THENCE N 79°30' E, 617.71 feet to the intersection of the A NO. 1 (MS 2909);

(continued)

Exhibit A - Page 59

THENCE N 58°31' W, 519.91 feet to Corner 1 of the A NO. 1;

THENCE N 08°14' E, 716.0 feet to Corner 2 of the A NO. 1;

THENCE N 08°02' E, 716.0 feet to Corner 2 of the A NO. 2 (MS 2909);

THENCE S 48°10' E, 538.74 feet to the intersection of the ULA FRACTION (MS 1337);

THENCE S 30° W, 48.7 feet to Corner 4 of the ULA FRACTION;

THENCE S 46°13' E, 672.0 feet to Corner 3 of the ULA FRACTION;

THENCE N 30° E, 40.0 feet to Corner 4 of the TRY ME (MS 1337);

THENCE S 51°22' E, 1,162.0 feet to Corner 1 of the SUMMIT (MS 2933);

THENCE S 59°18' E, 585.0 feet to Corner 2 of the SUMMIT;

THENCE S 72°49'13" E, 1,500.0 feet to Corner 2 of the CAPTAIN CASH (MS 2105);

THENCE N 88°05' E, 1,379.62 feet to Corner 2 of the NAPOLEON (MS 2105);

THENCE S 04°11' E, 184.66 feet to Corner 3 of the NAPOLEON;

THENCE S 16°57' W, 333.84 feet to Corner 4 of the NAPOLEON;

THENCE N 88°05' E, 50.0 feet to Corner 1 of the RUSSELL FRACTION (MS 3070);

THENCE S 65°16'30" E, 772.9 feet to Corner 6 of the RUSSELL FRACTION;

THENCE S 80°49' E, 705.65 feet to Corner 5 of the RUSSELL FRACTION;

THENCE S 16°57' W, 600.0 feet to Corner 4 of the RUSSELL FRACTION;

(continued)

Exhibit A - Page 60

THENCE S 38°15' E, 267.0 feet to Corner 4 of the SNOWSLIDE (MS 1976);

THENCE S 67°52' E, 711.90 feet to Corner 1 of the MINNEAPOLIS (MS 1976);

THENCE N 14°04' E, 600.0 feet to Corner 2 of the MINNEAPOLIS;

THENCE S 66°58' E, 1,499.8 feet to Corner 3 of the MINNEAPOLIS;

THENCE S 14°04' W, 600.0 feet to Corner 4 of the MINNEAPOLIS;

THENCE S 65°58' E, 788.1 feet to Corner 3 of the GREY EAGLE (MS 1976);

THENCE S 26°15' W, 1,200.0 feet to Corner 4 of the IOWA (MS 1976);

THENCE N 72°39' W, 929.8 feet to Corner 2 of the TIP TOP (MS 1865);

THENCE N 81°23' W, 1,497.8 feet to Corner 2 of the EMPIRE (MS 1865);

THENCE N 77°30' W, 547.0 feet to Corner 3 of the JEROME (MS 1865);

THENCE S 09°27' W, 157.58 feet to the intersection of the ALAMO (MS 1654);

THENCE S 61°33' E, 197.39 feet to Corner 2 of the ALAMO;

THENCE S 08°55' W, 594.5 feet to Corner 3 of the ALAMO;

THENCE N 61°45' W, 203.0 feet to Corner 2 of the JEROME (MS 1865);

THENCE S 08° W, 300.0 feet to Corner 1 of the JEROME;

THENCE S 77°30' E, 568.31 feet to Corner 5 of the JEROME;

THENCE S 07°35' W, 1,460.2 feet to Corner 3 of the LINCOLN (MS 1784);

THENCE S 07°23' W, 650.57 feet to Corner 1 of the MORNING GLORY (MS 1897);

(continued)

Exhibit A - Page 61

THENCE S 72°50' E, 590.1 feet to Corner 4 of the MORNING GLORY;

THENCE S 68°36' E, 1,416.25 feet to Corner 2 of the MAYFLOWER (MS 1897);

THENCE S 07°23' W, 281.2 feet to Corner 1 of the MYSTERY (MS 1897);

THENCE S 20°48' W, 10.0 feet to Corner 1 of the "M" (MS 1897);

THENCE S 49°46' E, 1,374.08 feet to Corner 4 of the "M";

THENCE S 20°48' W, 465.8 feet to Corner 1 of the BADGER (MS 1897);

THENCE S 58°16' E, 361.13 feet to the intersection of the SILVER DOLLAR (MS 2126);

THENCE S 32°21' W, 190.14 feet to Corner 4 of the SILVER DOLLAR;

THENCE N 74°52' W, 1,229.9 feet to Corner 1 of the SILVER DOLLAR;

THENCE S 78°09' W, 1,500.0 feet to Corner 1 of the TRADE DOLLAR (MS 2126);

THENCE S 00°24' W, 600.0 feet to Corner 2 of the SILVER CHIEF (MS 1473);

THENCE S 86°48' W, 123.0 feet to Corner 4 of the EUNA (MS 2073); to the point of the beginning, containing an area of 2,723.606 acres more or less.

(continued)



October 20, 2014

U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Mail Code 4203M, ATTN: MSGP Reports
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

RE: Annual Reporting Form – Hecla Limited Inactive and Unstaffed Site – Hercules

To Whom It May Concern:

Please find enclosed the Annual Reporting Form for Hecla Limited's inactive and unstaffed site Hercules.

If there are any omissions, errors, or concerns related to this submittal please do not hesitate to contact Judy Cloos, using any of the following:

Attn: Judy Cloos
Hecla Limited
Lucky Friday Mine
P.O. Box 31
Mullan, ID 83846
208-744-1751 X 2241
jcloos@hecla-mining.com

Thank you.

Best Regards,

A handwritten signature in black ink, appearing to read "PG", is written over the "Best Regards," text.

Paul Glader
Environmental Director

Cc: File
Judy Cloos
Encls.

NPDES Permit Tracking No.:

1DR05C440

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

Annual Reporting Form

A. GENERAL INFORMATION

1. Facility Name: HECLA LIMITED HERCULES

2. NPDES Permit Tracking No.: 1DR05C440

3. Facility Physical Address:

a. Street: BURKE ROAD

b. City: WALLACE

c. State: ID d. Zip Code: 83873

4. Lead Inspectors Name: JUDY CLOOS Title: SR ENVIRONMENTAL TECH

Additional Inspectors Name(s): KENNETH CLOOS SEASONAL EMPLOYEE

5. Contact Person: JUDY CLOOS Title: SR ENVIRONMENTAL TECH

Phone: 208-744-1751 Ext. 2241 E-mail: jcloos@hecla-mining.com

6. Inspection Date: 07/16/2014

B. GENERAL INSPECTION FINDINGS

1. As part of this comprehensive site inspection, did you inspect all potential pollutant sources, including areas where industrial activity may be exposed to stormwater?
☒ YES ☐ NO

If NO, describe why not:

NOTE: Complete Section C of this form for each industrial activity area inspected and included in your SWPPP or as newly identified in B.2 or B.3 below where pollutants may be exposed to stormwater.

2. Did this inspection identify any stormwater or non-stormwater outfalls not previously identified in your SWPPP? ☐ YES ☒ NO

If YES, for each location, describe the sources of those stormwater and non-stormwater discharges and any associated control measures in place:

3. Did this inspection identify any sources of stormwater or non-stormwater discharges not previously identified in your SWPPP? ☐ YES ☒ NO

If YES, describe these sources of stormwater or non-stormwater pollutants expected to be present in these discharges, and any control measures in place:

4. Did you review stormwater monitoring data as part of this inspection to identify potential pollutant hot spots? ☐ YES ☐ NO ☒ NA, no monitoring performed

If YES, summarize the findings of that review and describe any additional inspection activities resulting from this review:

5. Describe any evidence of pollutants entering the drainage system or discharging to surface waters, and the condition of and around outfalls, including flow dissipation measures to prevent scouring:

There are no industrial materials or activities exposed to storm water at the Hercules and associated sites. Based on past site visits, there are no indications of significant storm water runoff from these sites into either the Gorge Gulch, east fork of Ninemile Creek, Canyon Creek or associated tributaries.

6. Have you taken or do you plan to take any corrective actions, as specified in Part 3 of the permit, since your last annual report submission (or since you received authorization to discharge under this permit if this is your first annual report), including any corrective actions identified as a result of this annual comprehensive site inspection?

☐ YES ☒ NO

If YES, how many conditions requiring review for correction action as specified in Parts 3.1 and 3.2 were addressed by these corrective actions?

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NOTE: Complete the attached Corrective Action Form (Section D) for each condition identified, including any conditions identified as a result of this comprehensive stormwater inspection.

C. INDUSTRIAL ACTIVITY AREA SPECIFIC FINDINGS

Complete one block for each industrial activity area where pollutants may be exposed to stormwater. Copy this page for additional industrial activity areas.

In reviewing each area, you should consider:

- Industrial materials, residue, or trash that may have or could come into contact with stormwater;
- Leaks or spills from industrial equipment, drums, tanks, and other containers;
- Offsite tracking of industrial or waste materials from areas of no exposure to exposed areas; and
- Tracking or blowing of raw, final, or waste materials from areas of no exposure to exposed areas.

INDUSTRIAL ACTIVITY AREA 1:

1. Brief Description:

Hercules mine and associated sites.

2. Are any control measures in need of maintenance or repair? ☐ YES ☒ NO

3. Have any control measures failed and require replacement? ☐ YES ☒ NO

4. Are any additional/revised control measures necessary in this area? ☐ YES ☒ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO

3. Have any control measures failed and require replacement? ☐ YES ☐ NO

4. Are any additional/revised c necessary in this area? ☐ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA _____:

Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO

3. Have any control measures failed and require replacement? ☐ YES ☐ NO

4. Are any additional/revised BMPs necessary in this area? ☐ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

NOTE: Copy this page and attach additional pages as necessary

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO3. Have any control measures failed and require replacement? ☐ YES ☐ NO4. Are any additional/revised BMPs necessary in this area? ☐ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO3. Have any control measures failed and require replacement? ☐ YES ☐ NO4. Are any additional/revised BMPs necessary in this area? ☐ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO3. Have any control measures failed and require replacement? ☐ YES ☐ NO4. Are any additional/revised BMPs necessary in this area? ☐ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

D. CORRECTIVE ACTIONS

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in this comprehensive stormwater inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # of for this reporting period.

2. Is this corrective action:

- ☐ An update on a corrective action from a previous annual report; or
☐ A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- ☐ Unauthorized release or discharge
☐ Numeric effluent limitation exceedance
☐ Control measures inadequate to meet applicable water quality standards
☐ Control measures inadequate to meet non-numeric effluent limitations
☐ Control measures not properly operated or maintained
☐ Change in facility operations necessitated change in control measures
☐ Average benchmark value exceedance
☐ Other (describe): _____

4. Briefly describe the nature of the problem identified:

5. Date problem identified: / /

6. How problem was identified:

- ☐ Comprehensive site inspection
☐ Quarterly visual assessment
☐ Routine facility inspection
☐ Benchmark monitoring
☐ Notification by EPA or State or local authorities
☐ Other (describe): _____

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

8. Did/will this corrective action require modification of your SWPPP? ☐ YES ☐ NO

9. Date corrective action initiated: / /

10. Date correction action completed: / / or expected to be completed: / /

11. If corrective action not yet completed, provide the status of corrective action at the time of the comprehensive site inspection and describe any remaining steps (including timeframes associated with each step) necessary to complete corrective action:

E. ANNUAL REPORT CERTIFICATION**1. Compliance Certification**

Do you certify that your annual inspection has met the requirements of Part 4.2 of the permit, and that, based upon the results of this inspection, to the best of your knowledge, you are in compliance with the permit? ☒ YES ☐ NO

If NO, summarize why you are not in compliance with the permit:

2. Annual Report Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Representative
Printed Name:

PAUL GUADER

Title:

ENV DIRECTOR

Signature:



Date Signed:

10/20/14

Comprehensive Site Inspection 2014

Comprehensive Site Inspection Procedures.

Annual comprehensive site inspections will occur during coverage under this permit. Annual means once during each of the following inspection periods beginning with the period authorized to discharge under this permit:

Year 1:	September 29, 2008 – September 29, 2009
Year 2:	September 29, 2009 – September 29, 2010
Year 3:	September 29, 2010 – September 29, 2011
Year 4:	September 29, 2011 – September 29, 2012
Year 5:	September 29, 2012 – September 29, 2013

For “Year 1”, a comprehensive site inspection for an inspection period is waived if authorization to discharge is less than three months before the end of that inspection period.

Should coverage be administratively continued after the expiration date of MSGP 2008, inspections will continue to be performed annually until coverage under MSGP 2008 is no longer necessary.

Comprehensive site inspections will be conducted by qualified personnel with at least one member of the stormwater pollution prevention team participating in the comprehensive site inspections.

Comprehensive site inspections must cover all areas of the facility affected by the requirements in this permit, including the areas identified in the SWPPP as potential pollutant sources (see Part 5.1.3) where industrial materials or activities are exposed to stormwater, any areas where control measures are used to comply with the effluent limits in Part 2, and areas where spills and leaks have occurred in the past 3 years. The inspections must also include a review of monitoring data collected in accordance with Part 6.2. Inspectors must consider the results of the past year’s visual and analytical monitoring when planning and conducting inspections. Inspectors must examine the following:

- Industrial materials, residue, or trash that may have or could come into contact with stormwater;

Were all site areas examined? Y / N

- Leaks or spills from industrial equipment, drums, tanks, and other containers;

Were all site areas examined? Y / N

- Offsite tracking of industrial or waste materials, or sediment where vehicles enter or exit the site;

Were all site areas examined? Y / N

- Tracking or blowing of raw, final, or waste materials from areas of no exposure to exposed areas;

Were all site areas examined? Y / N

- Control measures needing replacement, maintenance, or repair.

Were all site areas examined? Y / N

Describe any control measures needing replacement, maintenance, or repair:

None needed at this time.

Stormwater control measures required by this permit must be observed to ensure that they are functioning correctly. If discharge locations are inaccessible, nearby downstream locations must be inspected.

Were all control measures observed? Y / N

Are all stormwater control measures functioning correctly? Y / N

If the answer above is "No", describe the specific site and situation:

Comprehensive Site Inspection Documentation

Document the findings of each comprehensive site inspection and maintain this documentation onsite with the SWPPP as required in Part 5.4. In addition, submit this documentation in an annual report as required in Part 7.2. At a minimum, documentation of the comprehensive site inspection must include (see the Annual Reporting Form included as Appendix I):

The date(s) of the inspection; 6/25/2014 - 7/16/2014

The name(s) and title(s) of the personnel making the inspection;

Judy Cloos – Senior Environmental Technician
(name and title)

Ken Cloos – Seasonal Employee
(name and title)

Dustin Howell – Seasonal Employee
(name and title)

Findings from the examination of areas of your facility affected by the requirements of MSGP 2008:

All observations relating to the implementation of your control measures including:

previously unidentified discharges from the site? Y / N

previously unidentified pollutants in existing discharges? Y / N

evidence of, or the potential for, pollutants entering the drainage system? Y / N

evidence of pollutants discharging to receiving waters at all facility outfall(s), and the condition of and around the outfall, including flow dissipation measures to prevent scouring? Y / N, and

additional control measures needed to address any conditions requiring corrective action identified during the inspection? Y / N

For any items answered “Yes” above, describe the specific site location and circumstances below:

Any required revisions to the SWPPP resulting from the inspection? Y / N

If "Yes", describe:

Any corrective action required as a result of the comprehensive site inspection must be performed consistent with Part 3 of this permit.

Do you certify that this annual comprehensive site inspection met the requirements of MSGP 2008 Part 4.3 and that based upon the results of this inspection, to the best of your knowledge, you are in compliance with 2008? Yes X No _____

If "No", summarize why you are not in compliance with the permit:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Paul Glader – Environmental Director

(name & title – printed)

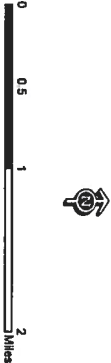
(signature)

(date)



6200 N. Mineral Drive, Suite 200
Coeur d'Alene, ID 83814-9408

This map is for representation only and should be treated as such. The data is not survey grade quality and was compiled from various data/lms.



Projects
Shoshone County, ID

Drawn By	xxxxx
Ordered By	B. Roberts
Approved By	S. Parnell
Date	xx-xx-xxxx
Scale	As Noted
File Name	xxxxx xxx