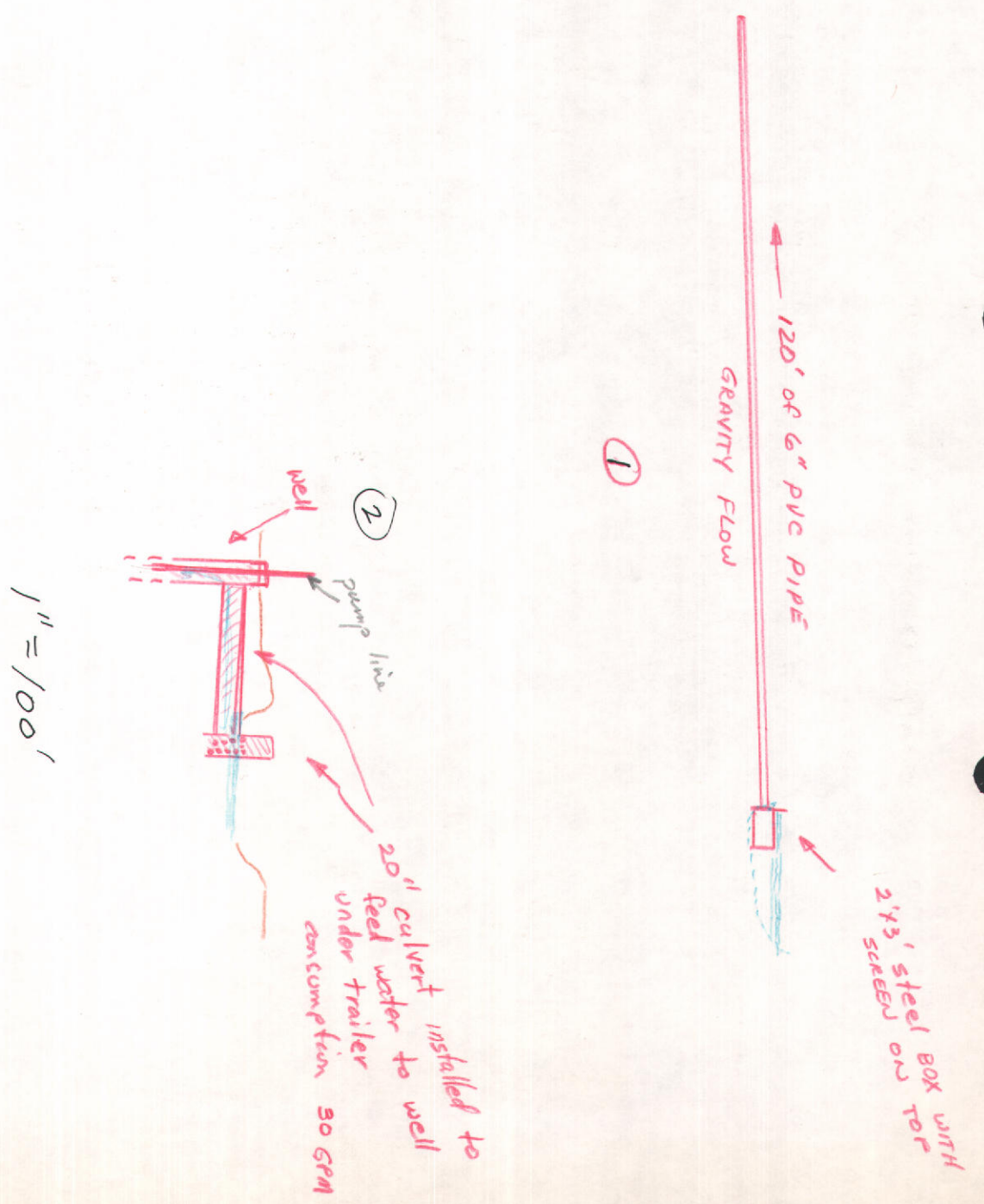
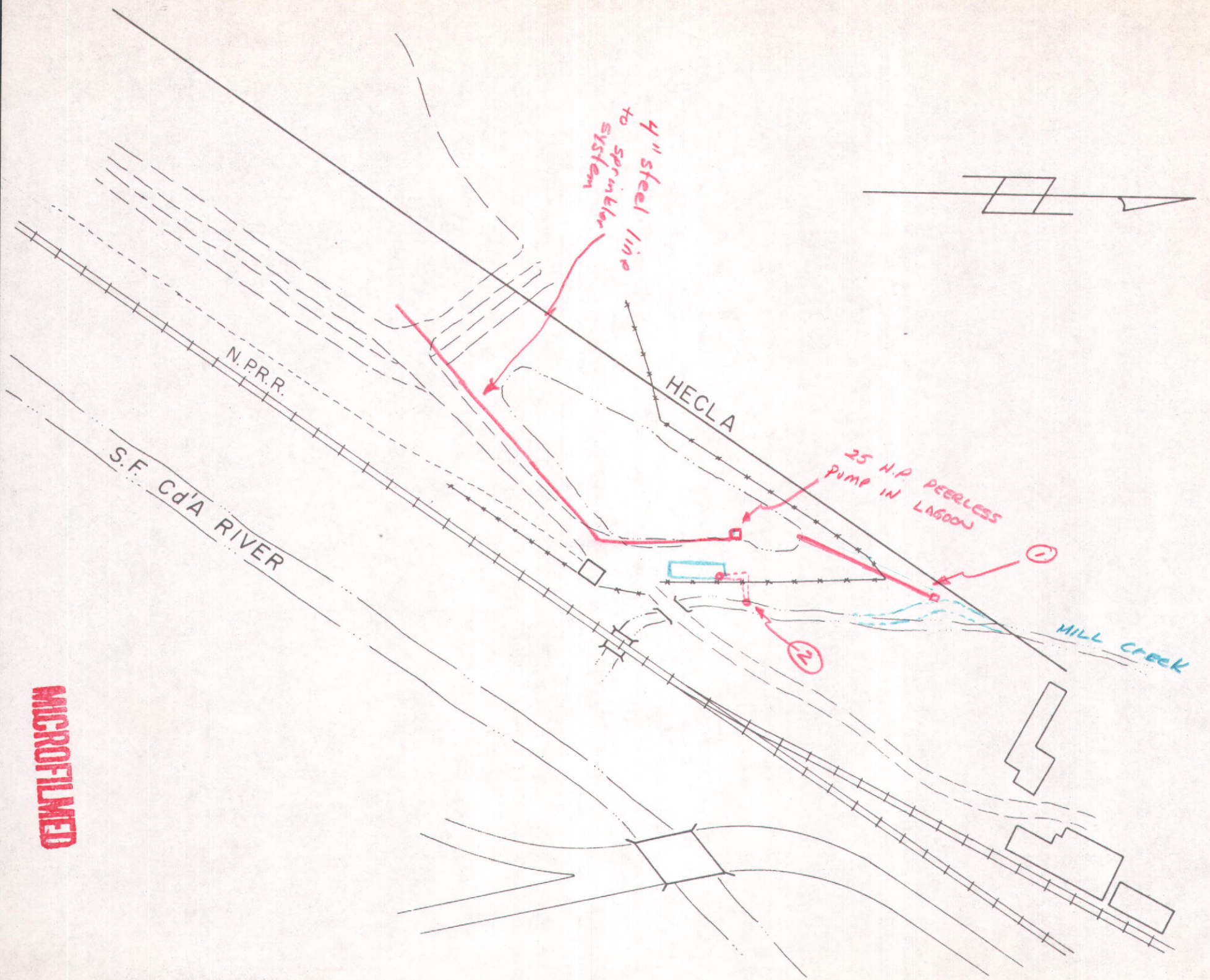




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PROOF OF PUBLICATION

County of Shoshone,)

STATE OF IDAHO)

NOTICE OF APPLICATION FOR WATER RIGHT

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

94-7288

Name: HECLA MINING CO.

Address: BOX 320, WALLACE, ID 83873

Source: MILL CREEK trib. to COEUR D'ALENE RIVER, SOUTH FK.

Date Filed: July 23, 1984

Diversion Point: SWNE Sec. 34 T 48N R 05E

Use: COMMERCIAL (0.67 CFS)

In: SWNE Sec. 34T 48N R 05E

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, 4055 Gov't Way, Coeur d'Alene, Id. 83814 on or before August 20, 1984.

Ken Dunn, Director
8/1/8/'84

YR-L

s/Gary A. Corbeill, being first duly sworn deposes and says:

THE KELLOGG EVENING NEWS, a daily newspaper of general circulation in said county, published in the City of Kellogg, in the County of Shoshone and the State of Idaho, and which has been published continuously in said county for a period of 78 weeks immediately prior to the publication of the notice hereinafter described, and that the _____

WATER RIGHTS APPLICATION
HECLA

of which the annexed is a true copy, was published in each regular weekly/daily issue of said newspaper, and not in a supplement thereto, for a period of 1 consecutive weeks/days, the first publication thereof being in its issue dated 8.1.84

and the last publication thereof being in the issue dated 8.8.84

Subscribed and sworn to before me this 13th day of

August, 1984

RECEIVED

AUG 28 1984

Wendell R. Brainard

Notary Public

Department of Water Resources
Northern District Office

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Do not use this space

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type

2. Measurements:

NONE



E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

$$Q_{\#1} = \frac{8.8(25)(1.7)}{2.23(85) + 3} = .84 \text{ cfs}$$

2. Alternate Method for Checking Purposes:

$$Q_{\#1} = .67 \text{ via permit}$$

$$Q = 0.6 \text{ cfs} \text{ (Dust control)}$$
$$Q = 0.07 \text{ cfs} \text{ (Flocculant mix)}$$

$$Q_1 = 1.2 \text{ cfs (Attached from system)}$$
$$Q_{\#2} = \frac{8.8(7.5)(1.7)}{2.23(85) + 5} = .24$$
$$Q_{\text{Total}} = Q_{\#1} + Q_{\#2} = 1.08 \text{ cfs}$$

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3)

; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____

Panel Input HP: (6) x 1.34 = _____ (7)

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Rate})$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in})$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

67 cfs



Sec. 21

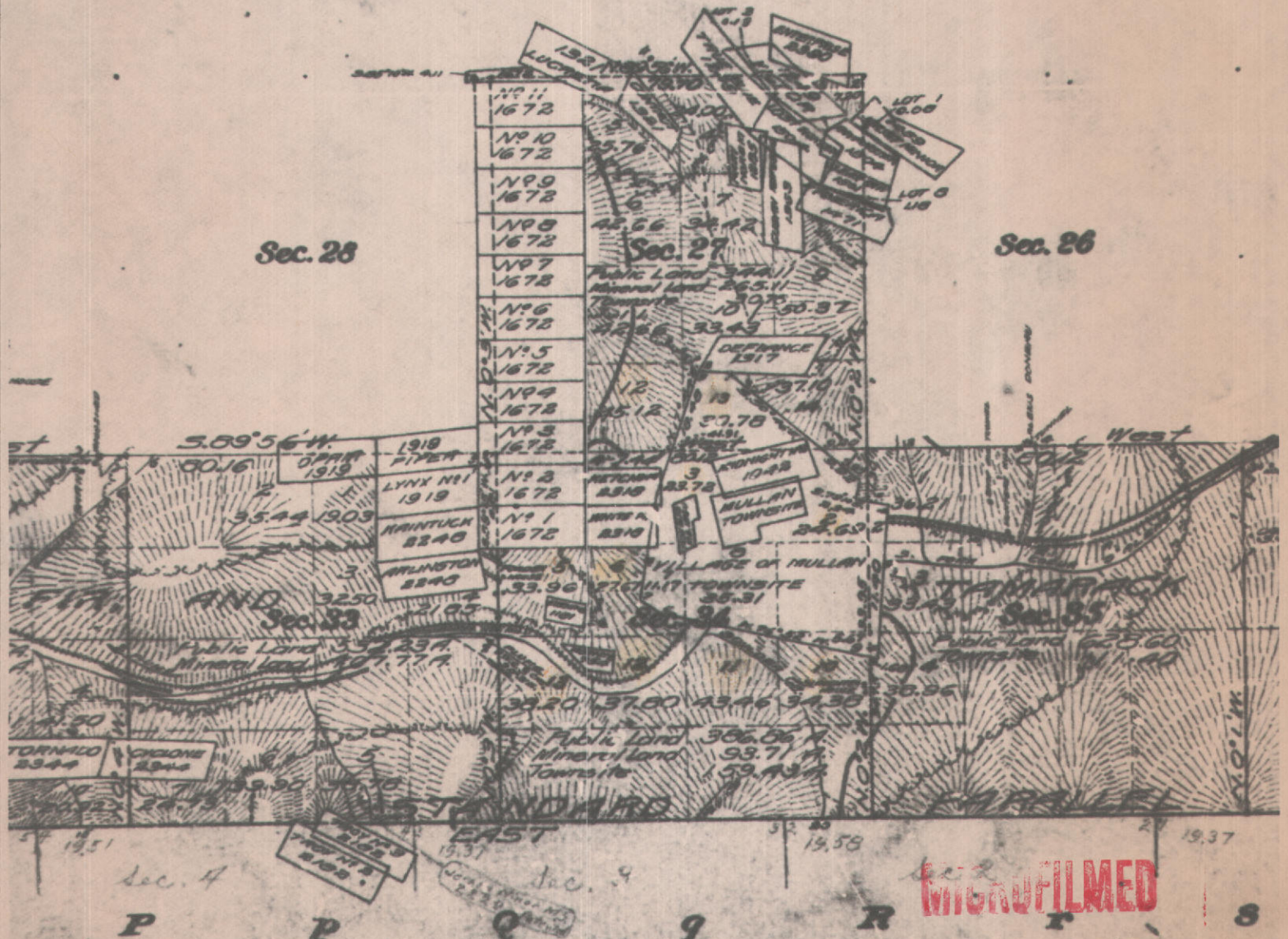
Sec. 22

Sec. 23

Sec. 28

Sec. 27

Sec. 26



MicroFILMED

MAR 20 1981

Date	Amount of Surveys			When Surveyed	
	Mls.	chs.	lbs.	Began.	Completed.
8.28.1900	1	0	0	Aug. 4. 1910	Aug. 5. 1910
"	15	79	78	" 5, "	" 17, "
"		60	39	" 7, "	" 10, "
8.28.1903	6	0	0	Oct. 22. 1903	Oct. 31. 1903
8.28.1903	1	0	0	Aug. 13. 1903	Aug. 15. 1903
11.23.1891	1	0	0	May 31. 1891	May 31. 1891

The above map of Town
Meridian, Idaho,
in this office, which have been
U.S. Surveyor General
Boise, Idaho.



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MAR 20 1981

TWP. 48N RGE. SE SEC. 34 MAP # G11 MAP SCALE 1:250,000
 DATE OF FIELD EXAM 7/23/86 FIELD REPORT MAP PERMIT # 94-7288

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

License of Water Right No. 94-7288 Priority July 23, 1984 Amount 0.67 cfs

THIS IS TO CERTIFY, that Hecla Mining Company
of Wallace, Idaho, has complied with the terms and conditions of Permit
No. 94-7288 issued pursuant to Application for Permit dated July 23, 1984,
and has submitted proof to the Department of Water Resources on January 7, 1985,
that he has applied water to a beneficial use; an examination by the Department indicates that the works have a
capacity for the diversion of 1.08 cfs of water from Mill Creek,
tributary to Coeur d'Alene River, S. Fork and that the permit holder has applied to a beneficial use and
established a right to use water as follows:

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
<u>Commercial</u>	from <u>January 1</u> to <u>December 31</u>	at <u>0.67</u> cfs and	<u>485.1</u> acre feet
	from _____ to _____	at _____ cfs and	
	from _____ to _____	at _____ cfs and	

(both dates inclusive)

Subject, however, to the condition that no more than 0.67 cfs of water be diverted at any one time, and
that the amount of water so diverted and to which such right is entitled and confirmed is for the purpose
aforementioned and is limited to the amount which can actually be beneficially used and shall not exceed
485.1 acre feet per year, said waters to be diverted within the Gov. Lot 8 (SW $\frac{1}{4}$ NE $\frac{1}{4}$)
Section 34, Twp 48N, Rge 5E in the County of Shoshone

Description and location of place of use:

Twp.	Range	Sec.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				Totals
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
48N	5E	34			GL8 X						GL6 X	GL12 X				GL11 X			

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Total number of acres irrigated _____

MAR 20 1987

CONDITIONS OF APPROVAL

- a. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho Law. This right may be forfeited by five years of non-use.
- b. The right to the use of the water hereby confirmed is restricted and appurtenant to lands or place of use herein described, and is subject to all prior water rights, as provided by the laws of Idaho.
- c. Any water right confirmed in this license for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this license and shall not give rise to any right or claim against any future rights to the use of water other than hydropower, within the State of Idaho initiated later in time than the priority of this license.

When water used under this license is discharged into the natural channel, settling ponds must be maintained which are capable of reducing the silt load to such a level that the quality of water will not be impaired for other beneficial uses.

Return water shall be treated to insure that the effluent meets Idaho Water Quality Standards.

Witness the seal and signature of the Director, affixed at Boise, Idaho, this

5TH

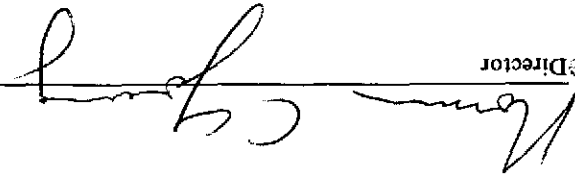
day of

JANUARY 5, 1987

RECORDED

MAR 20 1987

Attest for the Director



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant HECLA MINING COMPANY Phone 208-752-1251
Post office address P.O. Box 320 WALLACE, IDAHO 83873
2. Source of water supply MILL CREEK which is a tributary of South Fork Cd'A River
3. Location of point of diversion is SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 34 Township 48 N
Range 5E B.M. Shoshone County, additional points of diversion if any: There are
two points of diversion 160' apart near the mouth of Mill Creek
4. Water will be used for the following purposes:
Amount 0.6 cfs for (Commercial) - JK - 9/13/84 purposes from Jan 1 to Dec 31 (both dates inclusive)
(cfs or acre-feet per annum) dust control
Amount 0.07 for (Commercial) - JK 9/13/84 purposes from Jan 1 to Dec 31 (both dates inclusive)
(cfs or acre-feet per annum) flocclant mixing
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. 0.67 cubic feet per second and/or b. _____ acre-feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. A 2'x3' steel box with a screen
on top is used to divert water into a collecting pond
thru a 6" PVC pipe 120' long - from here it is pumped into
a sprinkler system thru a 4" steel line.
b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir
capacity _____ acre-feet, materials used in storage dam: _____
Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)
c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
7. Time required for the completion of the works and application of the water to the proposed beneficial
use is 1 ^{JK} years (minimum 1 year - maximum 5 years). All ready in use.
8. Description of proposed uses:
a. If water is not for irrigation:
(1) Give the place of use of water: SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 34 Township 48 N
Range 5E B.M. and the SENW, NESW, NWSE Sec. 34, T48N, R5E. - TK 9/13/84
(2) Amount of power to be generated: NONE horsepower under _____ feet of head.
(3) List number of each kind of livestock to be watered NONE

(4) Name of municipality to be served NONE, or number of families to be
supplied with domestic water _____
(5) If water is to be used for other purposes describe: Water is pumped for flocclant mixing
at 30gpm. Water is pumped at 260 gpm to use for sprinkling
surface of tailing pond for dust control

10-10-68

Total number of acres to be irrigated

- HECLA & UNION PACIFIC RR

HECLA LEASES A STRIP OF

HAND BELONGING TO UNION PACIFIC RR TO BUILD

- ## THE SPRINKLING OF THE PONDS

IS FAR DUST CONTROL PRIMARILY, BUT

IM SURE VEGETATION GROWS ON THE

BANKS OF THE TAILING POND BENEFITS

SOMEWHAT. WHETHER THIS IS IRRIGATION

RELATED IS DEBTABLE, AT ANY RATE

SPRINKLING OCCURS IN SW $\frac{1}{4}$ of NE $\frac{1}{4}$, SE $\frac{1}{4}$ of NW $\frac{1}{4}$

~~NE 1/4 of SW 1/4~~

A hand-drawn map on a grid background, showing a river system and various locations. The map is oriented with North at the top. The river, labeled 'MILL CREEK' and 'RIVER', flows from the top center towards the bottom center. A 'CITY OF MULLAN' is marked near the center. To the left of the city, a 'DIVERSION FOR SPRINKLING' leads to a 'SMALL COLLECTING POND'. To the right, a 'DIVERSION FOR FLOCCULANT' leads to a 'MOBILE TRAILER'. A 'TALING POND' is marked with a dashed rectangle. A 'SOUTH FORK' river flows from the bottom left towards the center. A 'CDA' (Creek Diversion Area) is marked near the center. The map includes several grid coordinates: '28 27', '33 34', '37 26', '34 35', '26 25', '35 36', '33 34', '4 3', 'SEC 34', '34 35', '3 2', 'T48 N 35 36', and 'T49 N 2 1'. A vertical line on the right is labeled 'R5E'.

Paul E Hyde, Landman for
(Applicant)
Hecla Mining Company

RECEIVED

Proposed Priority 7/23/84

Received by [Signature] Date 7/23/84 Time 1:45 PM
Preliminary check by [Signature] Fee \$ 45.00
Received by [Signature] Date 7/25/84 (31605)
Publication prepared by [Signature] Date 7/26/84
Published in 7/28/84 Date 9/19/84
Publication dates 7/28/84 Date 9/19/84
Publication approved [Signature] Date 8/29/84 / 10/9/84
Protests filed by: none
Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by [Signature]

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 94-7288, and said application is hereby APPROVED

1. Approval of said application is subject to the following limitations and conditions:

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before December 1, 19 85.

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

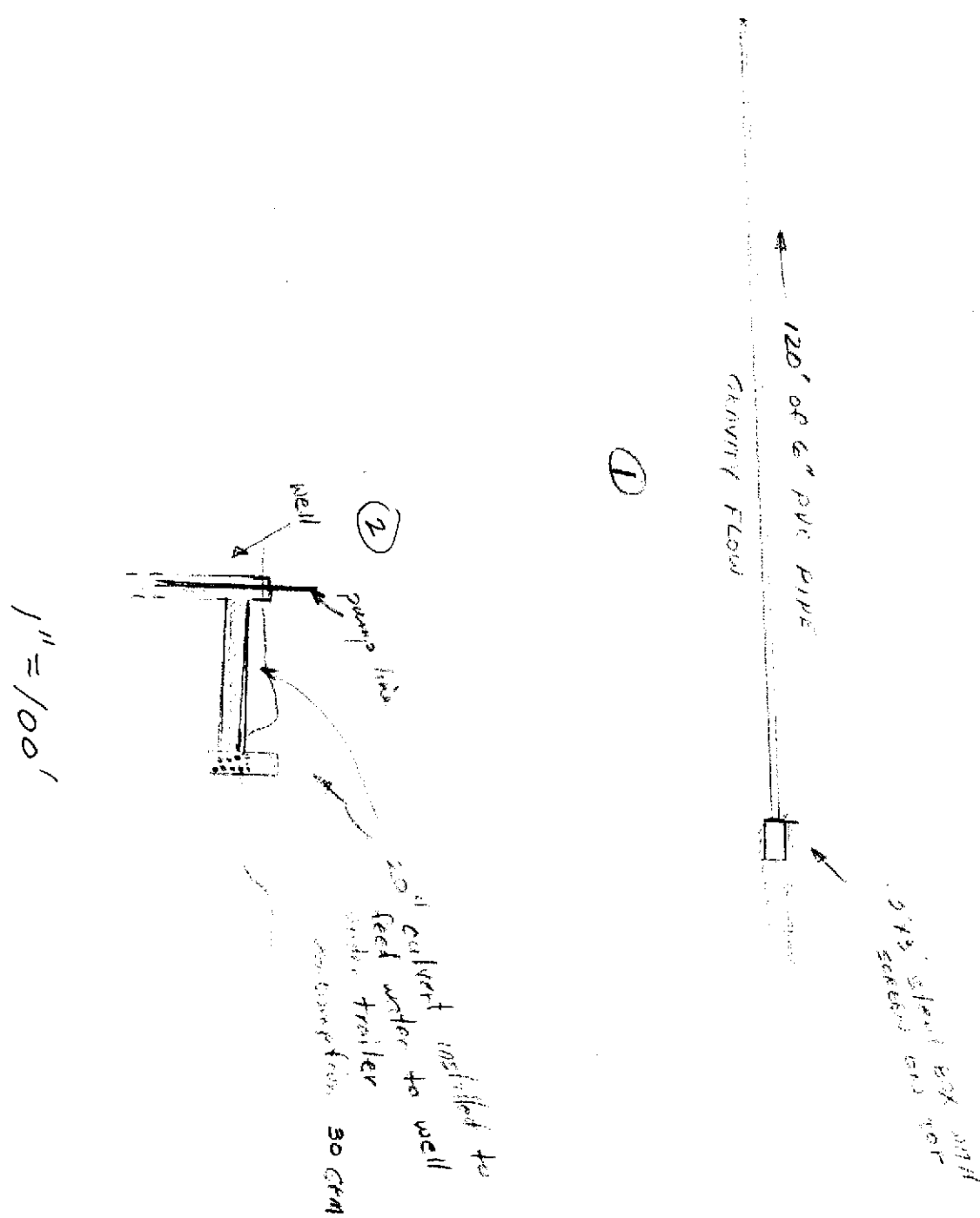
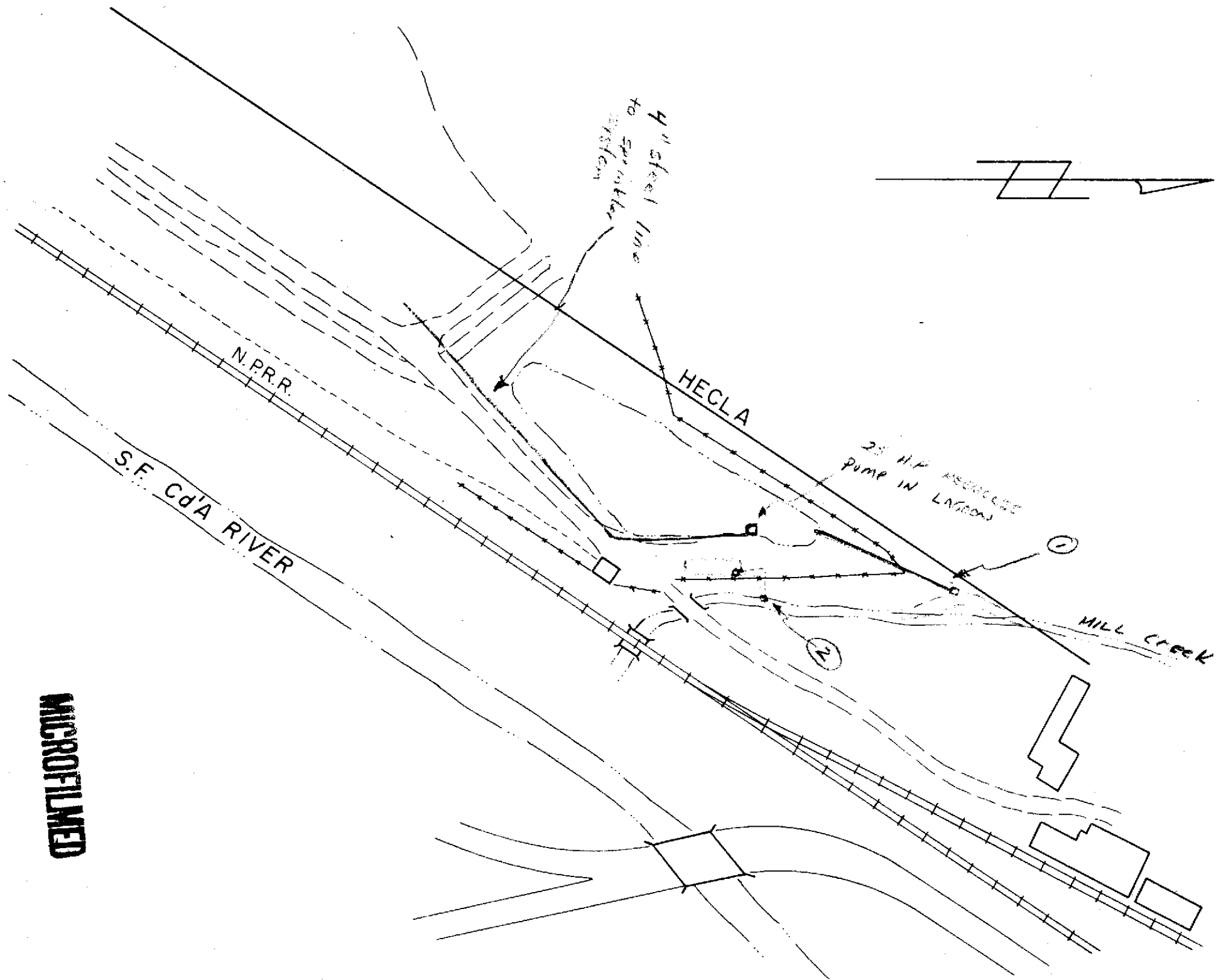
d. Other: In the event that water used under this permit should be discharged into a natural channel, settling ponds will be required which are capable of reducing the silt load to such a level that the quality of the water would not be impaired for other beneficial uses.
The issuance of this permit in no way grants any right-of-way or easement across the land of another.
Water used under this permit if discharged into a natural channel or subsurface system shall meet Idaho Water Quality Standards.

Witness my hand this 1st day of November, 1984.

[Signature]
Chief, Operations Bureau



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PROOF OF PUBLICATION

County of Shoshone,)
)
STATE OF IDAHO)

s/Gary A. Corbeill, being first duly sworn deposes and says:
THE KELLOGG EVENING NEWS, a daily newspaper of general circulation in said county, published in the City of Kellogg, in the County of Shoshone and the State of Idaho, and which has been published continuously in said county for a period of 78 weeks immediately prior to the publication of the notice hereinafter described, and that the _____

NOTICE OF CORRECTION
NOTICE IS HEREBY GIVEN that Application for Permit No. 94-7288 in the name of Hecla Mining Company was advertised incorrectly on 8/1/84 and 8/8/84.

The place of use was incorrectly advertised as the SWNE Sec. 34 T48N R5E; whereas, correctly it should have been the SWNE, SENW, NESW and the NWSE Sec. 34, T48N, R5E.

Protests to the above-referenced correction must be filed with the Director, Dept. of Water Resources, 4055 Gov't. Way, Coeur d'Alene, Id. 84814 on or before October 9, 1984.

KEN DUNN, Dir.
9/19/26/'84 YL-2

DEPT of WATER
STATE OF IDAHO

of which the annexed is a true copy, was published in each regular weekly/daily issue of said newspaper, and not in a supplement thereto, for a period of 2 consecutive weeks/days, the first publication thereof being in its issue dated 9-A-84 and the last publication thereof being in the issue dated 9-26-84

Subscribed and sworn to before me this 1st day of Oct., 1984.

[Signature]
Notary Public

RECEIVED

OCT 12 1984

Department of Water Resources
Northern District Office

PROOF OF PUBLICATION

County of Shoshone,)

STATE OF IDAHO)

NOTICE OF APPLICATION FOR WATER RIGHT

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

94-7288

Name: HECLA MINING CO.

Address: BOX 320, WALLACE, ID 83873

Source: MILL CREEK trib. to COEUR D'ALENE RIVER, SOUTH FK.

Date Filed: July 23, 1984

Diversion Point: SWNE Sec. 34 T 48N R 05E

Use: COMMERCIAL (0.67 CFS)

In: SWNE Sec. 34T 48N R 05E

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, 4055 Gov't Way, Coeur d'Alene, Id. 83814 on or before August 20, 1984.

Ken Dunn, Director

8/1/84

YR-L

s/Gary A. Corbeill, being first duly sworn deposes and says:

THE KELLOGG EVENING NEWS, a daily newspaper of general circulation in said county, published in the City of Kellogg, in the County of Shoshone and the State of Idaho, and which has been published continuously in said county for a period of 78 weeks immediately prior to the publication of the notice hereinafter described, and that the _____

WATER RIGHTS APPLICATION
HECLA

of which the annexed is a true copy, was published in each regular weekly/daily issue of said newspaper, and not in a supplement thereto, for a period of _____ consecutive weeks/days, the

first publication thereof being in its issue dated 8-1-84

and the last publication thereof being in the issue dated

8-8-84

Subscribed and sworn to before me this 13th day of

August, 19 84

RECEIVED

AUG 28 1984

Notary Public

Department of Water Resources
Northern District Office



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

CECIL D. ANDRUS
~~JOHN V. EVANS~~

Governor

A. KENNETH DUNN

Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

January 6, 1987

RE: Permit No. 94-7288

Hec1a Mining Co.
6500 Mineral Dr., Box C-8000
Coeur d'Alene, ID 83814

Dear Permit Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

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MAR 20 1987

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

94-7288
Permit No.

Staff Analysis Sheet
for
Beneficial Use Field Report

RECEIVED

AUG 4 1986

Department of Water Resources

A. Prior to Conducting the Exam, the File Contains:

- ☒ Blank Field Report Form
☒ Copy of Permit
☐ Copies of any Amendments/Orders with conditions of approval
☒ Computer Data Proof Report
☒ Copy of U.S.G.S. Quad
☒ Check for Government Lots. If so, make a copy of Government Plat
Check of P/D index J.A. 7/25/86 (Initial and date)
Overlap? ☐ yes ☒ no If yes: ☐ copy of exam(s) attached?
Type of Overlap? ☐ Add acres or uses to existing system
☐ Increase rate of flow or volume
☐ Other:

- Check of P/U index J.A. 7/25/86 (Initial and date)
Overlap? ☐ yes ☒ no If yes: ☐ copy of water right(s) attached?
Type of Overlap? ☐ Increase rate of flow or volume
☐ Add P/D's
☐ Increase number of acres within tracts
☐ Other:

Aerial Photo

Required? ☐ yes ☒ no If yes: ☐ copy attached?

Scheduling Letter sent? _____ (Initial and date)

☒ Appointment made and telephone conversation memo attached

B. After Conducting the Exam, the File Contains:

- ☒ Fully completed and signed Field Report Form
☐ Photographs of Point of Diversion and Place of Use
☒ Corrected Computer Data Proof Report with recommended license information, and date and signature of examiner.

MICROFILMED

MAR 20 1987

C. Review and Processing:

Exam Completed [Signature] 7/24/86 (Signature of examiner and date)
Exam Reviewed by Senior Water Resource Agent 7/29/86 (Initial and date)
Exam Reviewed by Manager of Regional Office 7/29/86 (Initial and date)
Exam Date Entered in Computer 7/30/86 (Initial and date)
Exam sent to State Office 7/31/86 (Initial and date)
Copy of Staff Analysis Sheet sent to Manager of Regional Office and Original
Refiled in White File _____ (Initial and date)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
AUG 4 1986

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 94-7288
Phone No. 769-4100
EXAM. DATE: 7/23/86
Phone No. 744-1751

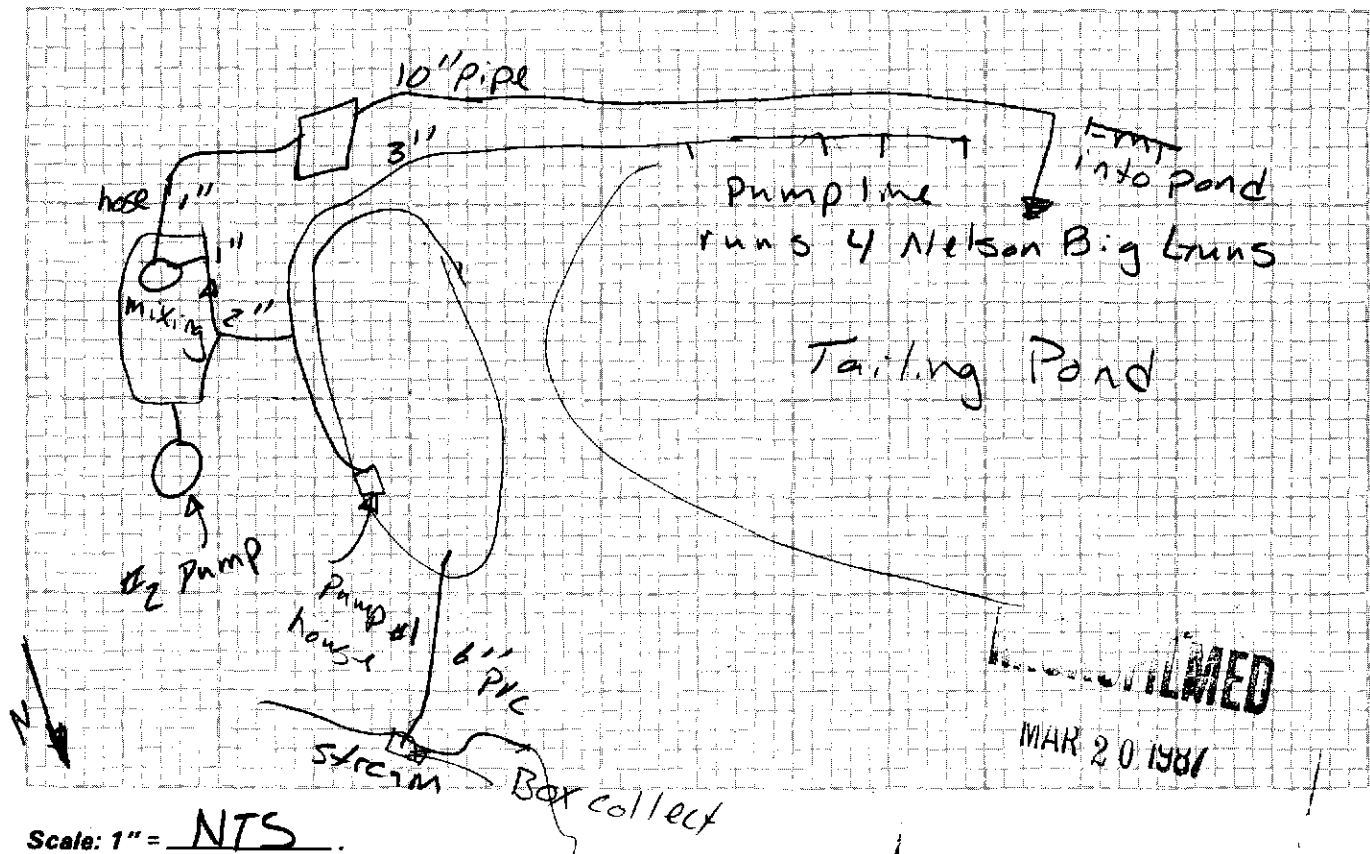
1. Owner: Hecla Mining Company
Current Address: 6500 Mineral Drive Box C-8000, CDA, Idaho 83814
2. Accompanied by: Jim Curtis - Mill Supt.
Address: Lucky Friday Mine, Mullan, ID.
Relationship to Permit Holder: Mill Supt
3. Source: Mill Creek tributary to S.F.K. CDA River

B. OVERLAP REVIEW

1. Other water rights with same place of use: NONE
☐ Copies Attached
2. Other water rights with same point of diversion: None
☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = NTS

2. ☒ Copy of U.S.G.S. Quadrangle Attached ☐ Aerial Photo Attached
Showing location(s) of point(s) of diversion and place(s) of use (required).
☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater.)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

4 From pump 3" line (black iron to pump), runs up to 4 sprinkler heads at one time.
→ 2 pump feeds mixing only, 3" to 1" to mixing trailer.
From stream through box 2' x 3' steel through 6" PVC to pond then pumped through sub pump #1 to 3" line, (about 1" to 2" line for mixing and ~~sewer~~)
4 Sprinkler & Nelson 6808 & BB 13.9 6 runs Pond + 150' long by 20' wide, 4' depth
Ramp pres. 85 psi
H_{static} = 3'
☐ See Remarks on page 4 for continuation

☐ See Remarks on page 4 for continuation

Well or Diversion Identification No.*	Motor Make	Hp	Model/ Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
~~Submersible Westinghouse~~	~~Peerless~~	~~25~~	~~TBDP~~	~~Peerless~~	~~3" Black Iron~~
Submersible	Westinghouse 25	25	TBDP	Peerless	3" Black Iron
#1					
#2	Submersible	7.5			3" reduced to 1"

5. Point(s) of Diversion:

**Code to correspond with No. on map and aerial photo*

[illegible]

6. Place(s) of Use:

Indicate Method of Determination

[illegible]

Do not use this space

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type

2. Measurements:

NONE



E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

$$Q_{\#1} = \frac{8.8(25)(.7)}{2.23(85) + 3} = .84 \text{ cfs}$$

2. Alternate Method for Checking Purposes:

$$Q_{\text{Tot}} = .67 \text{ via permit}$$

$$Q = 0.6 \text{ cfs}$$

Dust control
Floculant mix

$$Q = 1.2 \text{ cfs} \text{ Attached From system}$$

$$Q_{\#2} = \frac{8.8(75)(.7)}{2.23(85) + 5} = .24$$

$$Q_{\text{Total}} = Q_{\#1} + Q_{\#2} = 1.08 \text{ cfs}$$

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3)

; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____

Panel Input HP: (6) x 1.34 = _____ (7)

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{\text{I.R.}} = (\text{Acres Irrigated}) \times (\text{Irrigation Rate})$$

$$V_{\text{D.R.}} = [\text{Diversion Rate (cfs)}] \times (\text{Days in})$$

$$V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

67 cfs



Do not use this space

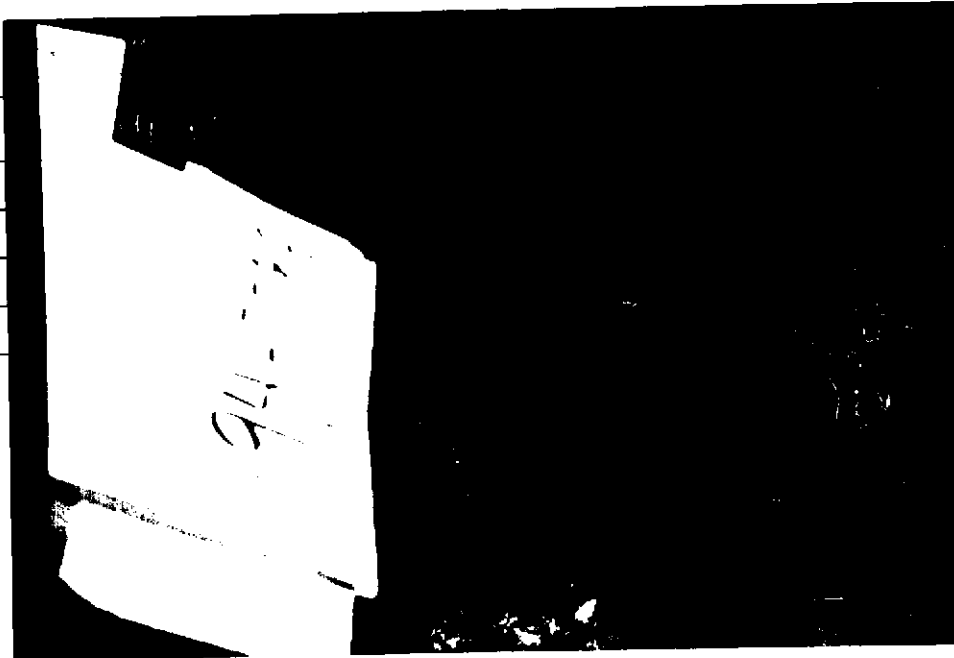
D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type

2. Measurements:

NONE



E. FLOW CALCULATIONS

☒ A

1. Measured Method:

$$Q_{\text{net}} = \frac{8.8(25)(.7)}{2.23(85) + 3}$$

2. Alternate Method for Checking Purposes:

$$Q_{\text{net}} = .67 \text{ via permit}$$

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.3'

Total Head: (1) + (2) = _____ (3)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{\text{I.R.}} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$

$V_{\text{D.R.}} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$

$V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} = \underline{\hspace{2cm}}$

2. Volume Calculations for Other Uses:

67 cfs

$$V_{\text{com}} = 485.1 \text{ AF} \quad \text{Attached cal.}$$

H. REMARKS AND OVERLAP REVIEW ANALYSIS

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Com. dust control	1/1	12/31	.60 cfs	485.1 AF
Com. Floculant mixing	1/1	12/31	.07 cfs	485.1 AF
Commercial	1-1	12-31	0.67	485.1
Totals:				485.1 AF

2. Recommended Amendments

- ☐ Change P.D. as reflected above
- ☐ Add P.D. as reflected above
- ☒ None
- ☐ Change P.U. as reflected above
- ☐ Add P.U. as reflected above
- ☐ Other

J. AUTHENTICATION

Field Examiner's Name

Jennifer Argueas

Signature

Certification Date

Field Report Preparation Date

CONSULTANT SEAL

K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

RECEIVED
11-15-86
SMA

RECEIVED
MAR 20 1987

$$V = 485.1 \text{ AF}$$

$$V = .67 \frac{\text{ft}^3}{\text{sec}} * \frac{ac}{43,560 \text{ft}^2} * \frac{3600 \text{sec}}{\text{hr}} * \frac{24 \text{hr}}{\text{day}} * 365 \text{days}$$

$$V = 485.1 \text{ AF}$$

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MAR 6

MAR 20 1981

Alt. Method of Flow Cal.

From System

4 Nelson Big Guns 6808 8BB @ 50psi ^{Est 7}

From Charts

$$Q = 4(130) = 520 \text{ gpm} \times \frac{2.23 \text{ cfs}}{1000 \text{ gpm}}$$

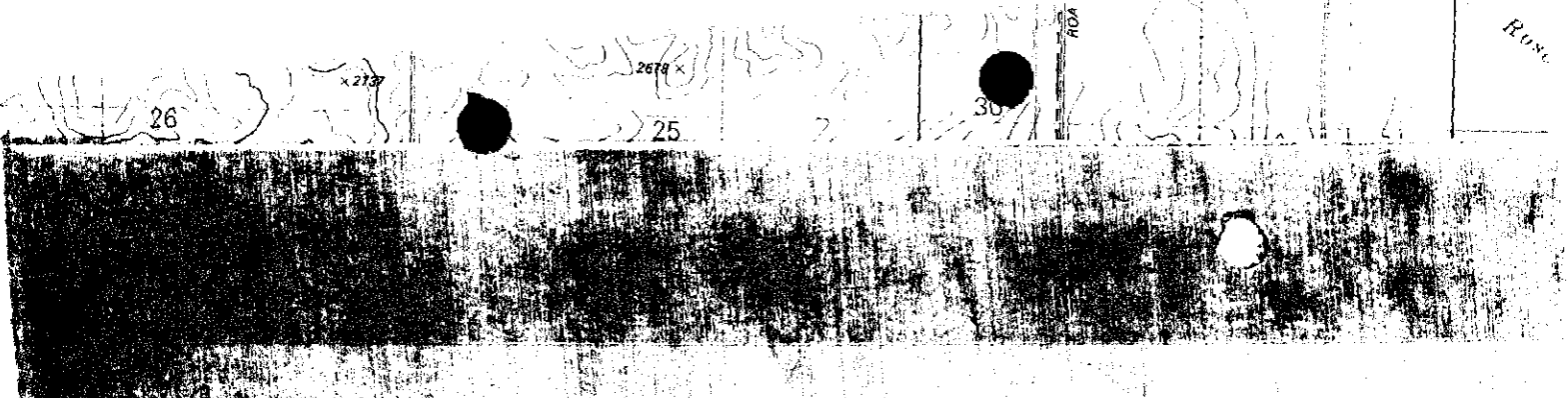
$$= \boxed{1.2 \text{ cfs}}$$

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MAR 20 1987

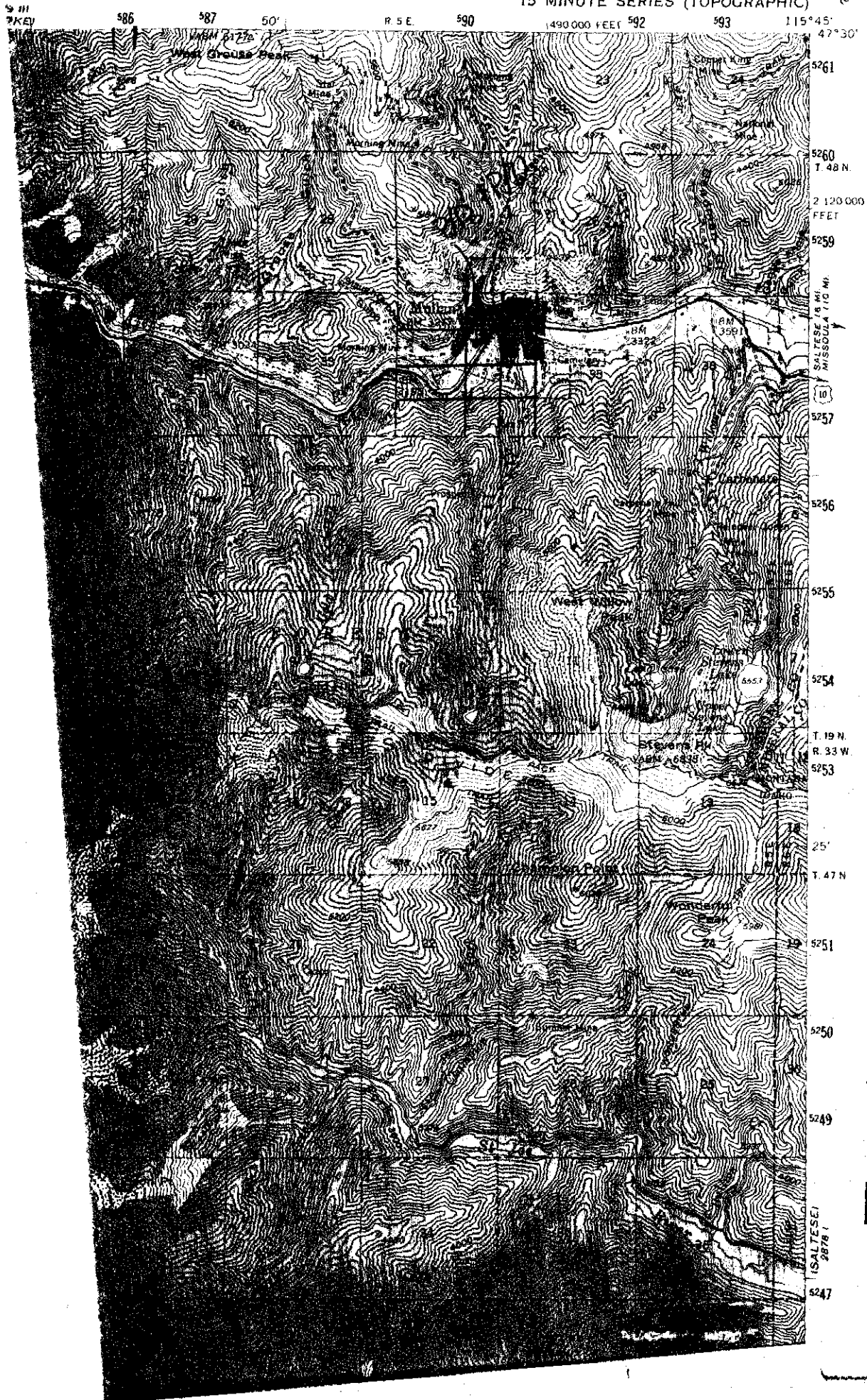
42-3891 50 SHEETS SQUARE
42-3892 100 SHEETS SQUARE
42-3893 200 SHEETS SQUARE
42-3894 300 SHEETS SQUARE
42-3895 400 SHEETS SQUARE
42-3896 500 SHEETS SQUARE
42-3897 600 SHEETS SQUARE
42-3898 700 SHEETS SQUARE
42-3899 800 SHEETS SQUARE
42-3900 900 SHEETS SQUARE
42-3901 1000 SHEETS SQUARE
MADE IN U.S.A.





WALLACE QUADRANGLE
IDAHO-MONTANA
15 MINUTE SERIES (TOPOGRAPHIC)

COOPER CULCH



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MAR 20 1981

TWP. 48N RGE. 5E SEC. 34 MAP # G11 MAP SCALE _____
DATE OF FIELD EXAM 7/23/86 FIELD REPORT MAP PERMIT # 94-7288



Hecla Mining Company

May 19, 1986

Idaho Department of Water Resources
4055 Government Way
Coeur d'Alene, Idaho 83814

Re: Examination Fees for Permits
94-7279 and 94-7288

Dear Sirs:

Please find enclosed the examination fee information for permits 94-7279 and 94-7288, along with our check for \$200.00 for the examination. If you need more information, please feel free to contact me. We will be expecting a water right license for these two uses upon completion of your inspection.

Sincerely,

Paul E. Hyde
Landman

PEH:skp

Enclosures: 2 information forms
check No. 560490

RECEIVED

MAY 20 1986

Department of Water Resources
Northern District Office

RECEIVED

MAR 20 1987

4/86

RECEIVED

MAY 23 1986

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

EXAMINATION FEE INFORMATION

Department of Water Resources

For Office Use Only

Fee Received

Date 5/20/86

Receipt # 32674

Receipt by [Signature]

Sent to S.O. 3/2/86

RECEIVED

MAY 20 1986

Department of Water Resources
Northern District Office

1. Permit No. 94-7288

ONE OF THE FOLLOWING BOXES SHOULD BE MARKED TO DESIGNATE YOUR CHOICE:

☒ I choose to have the department make the field examination of this permit; attached is the examination fee. (If this box is marked, complete items 1 thru 8.)

2. Permit Holder: HECLA MINING COMPANY

3. Post Office Address: 6500 MINERAL DRIVE Box C-8000

COEUR D'ALENE, ID 83814 Telephone No. 208-769-4100

4. Source of Water: MILL CREEK

5. Extent of Use:

Domestic _____ (No. of households) Stockwater _____ (No. and type of stock)

Irrigation _____ (acres) Other/Remark Used for mixing flocculant for tailing pond & sprinkling for dust control

6. Total rate &/or volume for which proof is submitted 0.67 cfs _____ acre-feet

7. Show the date water was first diverted and beneficially used under this permit:

July 25, 1984 (actually water had been used for years prior)

8. Person to contact to accompany the department representative during the field examination:

Jim Curtis - Mill Supt.

(Name)

Lucky Friday Mine, Mullan, Idaho

(Address)

MAR 20 1981

744-1751

(Telephone Number)

HOME - 753-0461

☐ I choose to have the field examination conducted by a certified water right examiner. Attached is a statement from the certified examiner I have selected verifying that he has been retained to conduct the examination. (If this box is marked, complete items 1 thru 7.)

5-6-86
Date

Paul E. Hyde, Landman - Hecla Mining Company
Signature of Permit Holder (and title, if appropriate)



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS

Governor

A. KENNETH DUNN

Director

Mailing address:

Statehouse

Boise, Idaho 83720

94-7288
HECLA MINING CO.
P.O. BOX 320
WALLACE, ID 83873

138169

April 30, 1986

CERTIFIED MAIL

EXAMINATION FEE NOTICE

Dear Permit Holder:

Department records show that proof of beneficial use has been submitted for the above-referenced permit, but that a field examination has not yet been conducted to determine the extent of beneficial use of the water for licensing purposes.

House Bill 671 (effective April 4, 1986) enacted by the 1986 Idaho Legislature requires the payment of a fee before this department can conduct the field examination needed to issue a license confirming use of water under the permit. This letter is notification that the license examination fee is due within sixty (60) days of the date of this letter. The examination fee information sheet (enclosed) must be returned with the fee.

As an alternative to submitting the fee, the department will accept a field examination report completed by a certified water right examiner from the private sector. If you choose to have the examination done by a certified water right examiner, you need not submit the license examination fee to the department, but you must within sixty (60) days of the date of this letter return to the department, the examination fee information sheet showing appropriate information together with a statement from the certified examiner to verify that you have retained a certified examiner to conduct the field examination. If you choose this alternative, a completed field examination report must be submitted within one year of the date of this letter. You cannot later change your decision to use this alternative and submit the fee needed for the department to conduct the field examination, but you may change to another certified examiner.

Certified water right examiners are licensed engineers, geologists, or land surveyors certified by the department to conduct water right examinations. The procedure for certifying examiners results from the recently enacted HB 671 and is being developed at this time. A listing

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MAR 20 1987

of certified water right examiners will be available from this department when examiners have been certified.

If your permitted use, in fact, has already been examined by the department and you have not asked to have the examination repeated, the fee requirement is not applicable to your permit. If you believe this is the case, please contact the department.

The license examination fee is to be based on the amount of water you indicate you have developed, as listed in item 6 on the examination fee information sheet. The amount of water on which the examination fee is based can be less than the permitted amount, if less water has been diverted and beneficially used. The licensed amount of water, however, will not exceed the amount you claim on the examination fee information sheet. The enclosed license examination fee schedule shows a listing of applicable fees.

FAILURE TO SUBMIT WITHIN THE SIXTY (60) DAY PERIOD, THE FEE OR THE STATEMENT THAT A CERTIFIED EXAMINER HAS BEEN RETAINED TO MAKE THE FIELD EXAMINATION, WILL BE CAUSE TO ADVANCE THE PRIORITY OF THE PERMIT ONE DAY FOR EACH DAY THAT THE FEE SUBMITTAL IS LATE.

FAILURE TO SUBMIT THE FEE OR THE COMPLETED FIELD EXAMINATION REPORT WITHIN A YEAR WILL BE CAUSE TO CONSIDER THE PROOF OF BENEFICIAL USE TO BE INCOMPLETE AND TO LAPSE THE PERMIT.

The attached examination fee information sheet and the fee may be submitted to the following department offices.

Northern Region

Idaho Dept. of Water Resources
4055 Government Way
Coeur d'Alene, ID 83814
Phone: 765-4639

Eastern Region

Idaho Dept. of Water Resources
150 Shoup Ave., Suite 15
Idaho Falls, ID 83401
Phone: 525-7161

Southern Region

Idaho Dept. of Water Resources
1041 Blue Lakes Blvd. North
Twin Falls, ID 83301
Phone: 734-3578

Western Region

Idaho Dept. of Water Resources
450 W. State St., (Third Floor)
Boise, ID 83720
Phone: 334-2190

Sincerely,



L. GLEN SAXTON
Chief, Operations Bureau

Enclosures

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MAR 20 1987

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Northern Region

JOHN V. EVANS
Governor
R. KENNETH DUNN
Director

4055 Government Way
Coeur d'Alene, ID 83814
(208) 667-6484

MARCH 4, 1985

HECLA MINING CO.
P.O. BOX 320
WALLACE ID 83873

RE: Permit No. 94-7288

Dear Permit Holder:

We acknowledge receipt of your statement submitted as proof of beneficial use for the above referenced permit.

Before a Water Right License can be issued, a field examination must be made by a representative of this department.

A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office by phone at 765-4639 or in person at our office.

Sincerely,

/s/
TOM D. KING
Senior Water Resource Agent

cc: IDWR - State Office

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MAR 20 1985

DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card as a statement that the permit holder(s) has completed development to the extent shown below of Permit No. 94-7288.

Name(s) of Permit Holder: HELLA MINING COMPANY

Post Office Address: P.O. Box 320

Wallace, Idaho 83873 Tel. No. 752-1251

Source of Water: _____

Extent of Use: ☐ Domestic _____ (number of households)
☐ Stockwater _____ (number and type of stock)
☐ Irrigation _____ (acres)
☒ Other Mixing flocculant & sprinkling for dust control

Measuring Device: Required? ☐ Yes ☒ No Installed? ☐ Yes ☐ No

Access Port: Required? ☐ Yes ☒ No Installed? ☐ Yes ☐ No

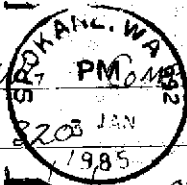
The above information is a true statement of the extent to which the above numbered permit has been developed.

1-3-85
Date



Paul E Hyde, agent
Signature of Permit Holder

HECKA



P.O. Box

2203 JAN
1985

Wallace, Idaho 83873

RECEIVED



JAN 7 1985

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

Department of Water Resources

MAILED 1985

December 6, 1984

RE: Permit No. 94-7288

Hecla Mining Co.
Box 320
Wallace, ID 83873

Dear Permit Holder:

Enclosed is a copy of your approved Application for Permit. We direct your attention to the conditions of approval on the fourth page.

We have enclosed a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit. Also enclosed for your convenience is the statement of beneficial use postcard that must be submitted when your project is completed.

Sincerely,

DAVID R. TUTHILL, JR., P.E.
Supervisor, Water Allocation Section

DRT:sc
Enclosures

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State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: JK

APPLICATION NUMBER: _____

CHECK:

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.
☐ Yes ☒ No Field check required.
☐ Yes ☒ No Critical groundwater area.
☐ Yes ☒ No Request dam safety information. Sent by: _____ Date: _____
☐ Yes ☐ No* In form to receipt.

Field check by: _____

Date: _____

Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

- ☐ Idaho State Health Department.
☐ Idaho Fish and Game Department.
☐ Idaho Department of Lands.
☐ U.S. Bureau of Land Management.
☐ U.S. Forest Service.
☐ Other _____

Copies sent by: _____ Date: _____

PROCESSING:

- ☐ Yes ☐ No Platted by: _____ Map No. _____
☐ Yes ☐ No Other rights on same place of use. _____
☒ Yes ☐ No* In form for advertising.
Final date for protests: 8/20/84 - 10/9/84
☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 8/28/84 - 10/12/84
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application.
☒ Publication dates and paper, recorded on application.
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.
☐ Yes ☒ No Measuring device required.
☐ Yes ☒ No Access port required.
☐ Yes ☒ No Will water be delivered by watermaster? If yes, what district? _____
7/23/84 Date of priority recommended.
Special conditions of approval or cover letter. _____

RECEIVED
SEP 26 1984

By: RYA Date: 8/30/84 Department of Water Resources

STATE OFFICE REVIEW:

L/K 04 06A 09E RECEIVED
☐ See attached sheet for more information.
By: KW Date: 10-29-84 SEP 05 1984

Department of Water Resources

POINT OF DIVERSION AND STREAM INDEX INFORMATION

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
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IDAHO STREAM CODE INDEX

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
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IDAHO STREAM CODE INDEX

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
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IDAHO STREAM CODE INDEX

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
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IDAHO STREAM CODE INDEX

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
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IDAHO STREAM CODE INDEX

NOTICE OF CORRECTION

NOTICE IS HEREBY GIVEN that Application for Permit No. 94-7288 in the name of Hecla Mining Company was advertised incorrectly on 8/1/84 and 8/8/84.

The place of use was incorrectly advertised as the SWNE Sec. 34 T48N R5E; whereas, correctly it should have been the SWNE, SENW, NESW and the NWSE Sec. 34, T48N, R5E.

Protests to the above-referenced correction must be filed with the Director, Dept. of Water Resources, 4055 Gov't. Way, Coeur d'Alene, Id. 83814 on or before October 9, 1984.

KEN DUNN, Dir.

Published in the Kellogg Evening News on 9/19 and 9/26/84.

RECORDED

Hecla Mining Company

5870

INVOICE		GROSS AMOUNT	DISCOUNT	NET AMOUNT
REFERENCE	DATE			
PERMIT	071784	45.00		45.00
TOTALS		45.00		45.00

740421

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0740421

DETACH BEFORE DEPOSITING CHECK

94-7288_

HECLA MINING CO.

P.O. BOX 320, WALLACE, ID 83873

Source: MILL CREEK trib. to COEUR D ALENE RIVER, SOUTH FK.

Date Filed: 07/23/1984

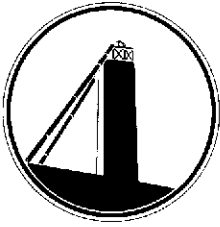
Diversion Pt: SWNE Sec 34 T 48N R 05E

Use: COMMERCIAL (0.67 CFS)

In: SWNE Sec 34 T 48N R 05E

*Added
SESW, NESW
NWSE 34 T48N R5E
to P/U. on computer
10/18/84
pm*

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Hecla Mining Company

July 20, 1984

Idaho Department of Water Resources
4055 Government Way
Coeur d'Alene, Idaho 83814

Dear Sir:

Please find enclosed an application for a permit to appropriate the public waters of the State of Idaho along with a check for \$45.00 to cover the required fee.

If there are any questions as to this application, please call me at 752-1251 Ext. 315.

Sincerely,

Paul E. Hyde
Landman

PEH/jr

Enclosures: 1) check
2) application
3) photo map
4) detail sketch

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