

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 _____

WATER RIGHTS
 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:
 94-7290
 Name: SUNSHINE MINING CO.
 Address: P.O. Box 1080, KELLOGG, ID 83837
 Source: GROUNDWATER
 Date Filed: Sept. 10, 1984
 Diversion Point: NESW Sec. 10 T 48N R 03E
 Use: INDUSTRIAL (0.10 CFS)
 In: NENW Sec. 10 T 48N R 03E
 94-7291
 Name: SUNSHINE MINING CO.
 Address: P.O. Box 1080, KELLOGG, ID 83837
 Source: GROUNDWATER
 Date Filed: Sept. 11, 1984
 Diversion Point: SESW Sec. 10 T 48N R 03E
 Use: INDUSTRIAL (0.40 CFS)
 In: SESW Sec. 10 T 48N R 03E
 The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, 4055 Gov'l Way, Coeur d'Alene, Id. 83814 on or before OCTOBER 9, 1984.
 Ken Dunn, Director
 9/19/26/84 YR-L

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 9-19-84 and the last publication thereof being in the issue dated 9-26-84

Gary A. Corbeill

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

RECEIVED

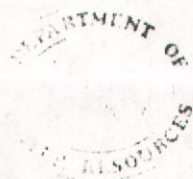
W. R. Brainerd

Notary Public

OCT 12 1984

Department of Water Resources
 Northern District Office

MICROFILMED



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
NORTHERN REGION

REMARKS / PHOTOS

PERMIT # 94-7290

DATE

INITIALS

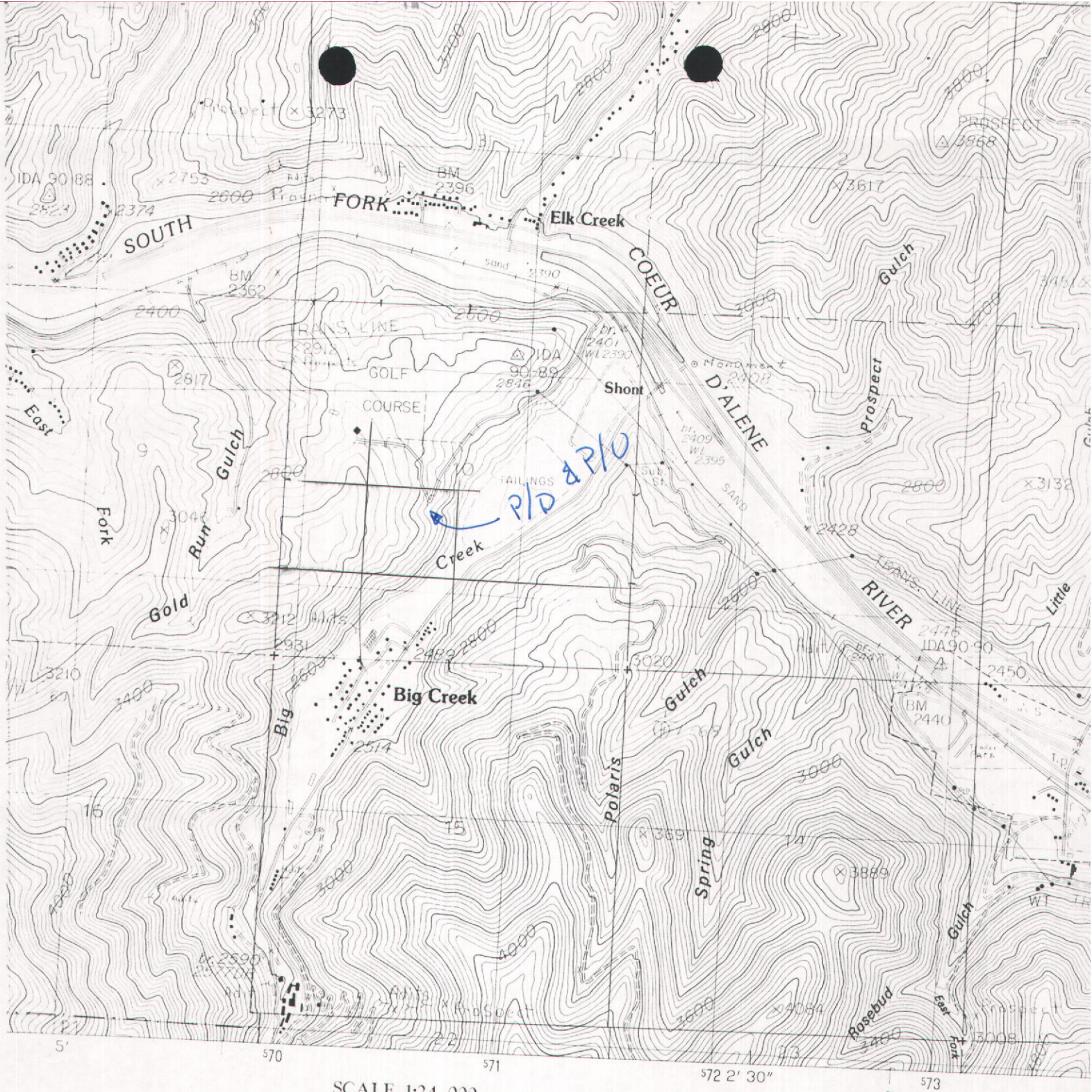
6-18-87 Appt. Made for 6-24-87 @12:00 S.A.



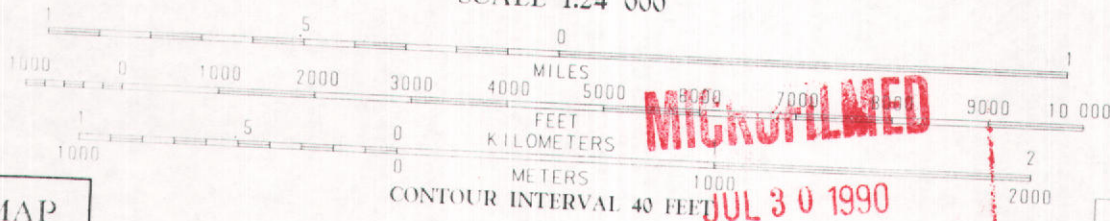
P/O
Pump

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JUL 30 1990



SCALE 1:24 000



MAP
original
Infor-
late of

QUADRANGLE LOCATION

1	2	3	1 Steamboat Creek
			2 Grizzly Mtn
			3 Prichard
4		5	4 Kellogg West
			5

TWP. 48 N., RGE. 3E SEC. 10 MAP # F-60 PERMIT # 94-1290

DATE OF EXAM 6-24-87

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
NOTICE OF CHANGE IN WATER RIGHT OWNERSHIP

RECEIVED

OCT - 8 2002

Department of Water Resources

Please print or type. Attach pages with additional information. Instructions are included at the end of this form.
 Incomplete forms will be returned.

1. Please list the water right number(s) and/or adjudication claim number(s) (if any) for each water right to be changed. List just the adjudication claim number if there is no corresponding water right record on file with the department. Indicate, by checking in the space provided, if the change in ownership is limited to a portion of a water right in which case division of the existing water right or adjudication claim record will be required.

Water Right No(s).	Adjudication Claim No(s).	Split	Water Right No(s).	Adjudication Claim No(s).	Split
<u>94-7290</u>	_____	_____	_____	_____	_____
<u>94-4267</u>	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

2. The following **REQUIRED** information must be submitted with this form:

- A. The appropriate **FILING FEE**. See instructions for fee amounts.
- B. A copy of the most recent **DEED, TITLE POLICY, CONTRACT OF SALE** or other legal document indicating your ownership of the property and water right(s) or claim(s) in question, **WITH ATTACHED LEGAL DESCRIPTION**.
- C. Either of the following (if necessary to clarify division of water rights or other complex property descriptions):
 PLAT OF PROPERTY or SURVEY MAP clearly showing the location of the point(s) of diversion and place of use of your water right(s) and/or adjudication claim(s) (these are usually attached to your deed or on file with the county).

OR

If your water right(s) and/or adjudication claim(s) are for ten or more acres of irrigation, you must submit a USDA Farm Service Agency **AERIAL PHOTO** with the irrigated acres outlined and point(s) of diversion clearly marked. The **AERIAL PHOTO** should be submitted in place of the PLAT OF PROPERTY or SURVEY MAP.

3. Name and Address of Former Owner/Claimant(s) Sunshine Mining Company
P.O. Box 1080, Kellogg, Idaho 83847
4. New Owner/Claimant(s) Formation Chemicals, Inc., an Idaho corporation
 Name Connector (Check one): ☐ and, ☐ or, ☐ and/or
c/o Formation Capital Corporation
 New Mailing Address Suite 720 - 789 West Pender Street
 City, State and ZIP Code Vancouver, B.C., Canada V6C 1H2
 New Telephone Number (604) 682-6229 (ext. 4)
5. Date you acquired the property 9/20/02

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OCT 17 2002

See file # 94-4267 for support documentation

6. If the change in ownership affects the entire water right for each water right or adjudication claim number listed in item 1, THEN SKIP THIS ITEM AND GO TO ITEM 7. If the change in ownership divides the water right(s) among multiple owners, you must describe, in detail, your portion of each water right after the change. Fill in the appropriate spaces in the box(es) below to describe your water right(s) after the change (one water right per box, you may copy this page as necessary). If your quantity of water is greater than a proportionate split, you must attach documentation to show justification for a larger amount. If you are not sure how to identify your portion of the original water right or adjudication claim records, please contact the nearest IDWR office for assistance.

DESCRIPTION OF YOUR PORTION OF WATER RIGHT (If the right(s) will not be split, skip this area and proceed to item 7)		
Water Right and/or Adjudication Claim Number _____		
Water Use	Diversion Rate or Volume (cubic feet per second or acre-feet per annum)	Description (acres, number and type of stock, homes, etc)
Irrigation	_____	_____
Stock	_____	_____
Domestic	_____	_____
Other _____	_____	_____
Total	_____	_____

DESCRIPTION OF YOUR PORTION OF WATER RIGHT (If the right(s) will not be split, skip this area and proceed to item 7)		
Water Right and/or Adjudication Claim Number _____		
Water Use	Diversion Rate or Volume (cubic feet per second or acre-feet per annum)	Description (acres, number and type of stock, homes, etc)
Irrigation	_____	_____
Stock	_____	_____
Domestic	_____	_____
Other _____	_____	_____
Total	_____	_____

7. Signature of New Owner(s) or Claimant(s) _____
(include title if applicable)
- Scott Bending, President

For Snake River Basin Adjudication Claims: Please attach a Notice of Appearance completed by your attorney, if you wish IDWR to correspond with him/her for all matters related to your claims.

For Office Use Only

Received by [Signature] Date 10/2/02 Fee \$50.00 (150.00)
 Receipted by [Signature] Date 10/2/02 Receipt No. NO15308
 Processed by _____ AJ Date _____ WR _____ Date _____

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OCT 17 2002

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 94-07290

Priority: September 10, 1984

Maximum Diversion Rate:
Maximum Diversion Volume:¹

0.03 CFS
7.8 AF

This is to certify, that SUNSHINE MINING CO.
815 PARK BLVD. #100
BOISE, ID 83712

has complied with the terms and conditions
of the permit, issued pursuant to Application for Permit dated September 10, 1984; and
has submitted Proof of Beneficial Use on December 16, 1985. An examination indicates
that the works have a diversion capacity of .030 cfs of water from a **GROUNDWATER**
source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
INDUSTRIAL	01/01 to 12/31	0.03 CFS	7.8 AF

LOCATION OF POINT(S) OF DIVERSION:

NESW , Sec. 10, Township 48N, Range 03E
SHOSHONE County

PLACE OF USE: INDUSTRIAL

TWN RGE SEC

48N 03E 10 NESW

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Return flow if discharged to a surface water system shall meet Idaho Water Quality Standards.

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JUL 30 1990

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 94-07290

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this 19th
day of JULY, 19 90.

Acting for R. Keith Higginson, Director

RECEIVED

JUL 30 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant Sunshine Mining Company Phone (208) 783-1211

Post office address P.O. Box 1080, Kellogg, Idaho 83837

2. Source of water supply Groundwater which is a tributary of _____

3. Location of point of diversion is NE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 10 Township 48N

Range 3E B.M. Shoshone County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount .1 cfs for ~~process~~ (Industrial) purposes from Jan 1 to Dec -1 31 Per telcon w/D. Holland
(cfs or acre-feet per annum) ~~treatment~~ (both dates inclusive) pms 9/13/84
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)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. .1 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. one 1.5 hp pump

b. Height of storage dam NA 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 6" inches; proposed depth of well is 40" feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 1 years (minimum 1 year - maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 10 Township 48N Per telcon w/ Mr. Holland RGH 10/22/84
Range 3E B.M.

(2) Amount of power to be generated: NA horsepower under _____ feet of head.

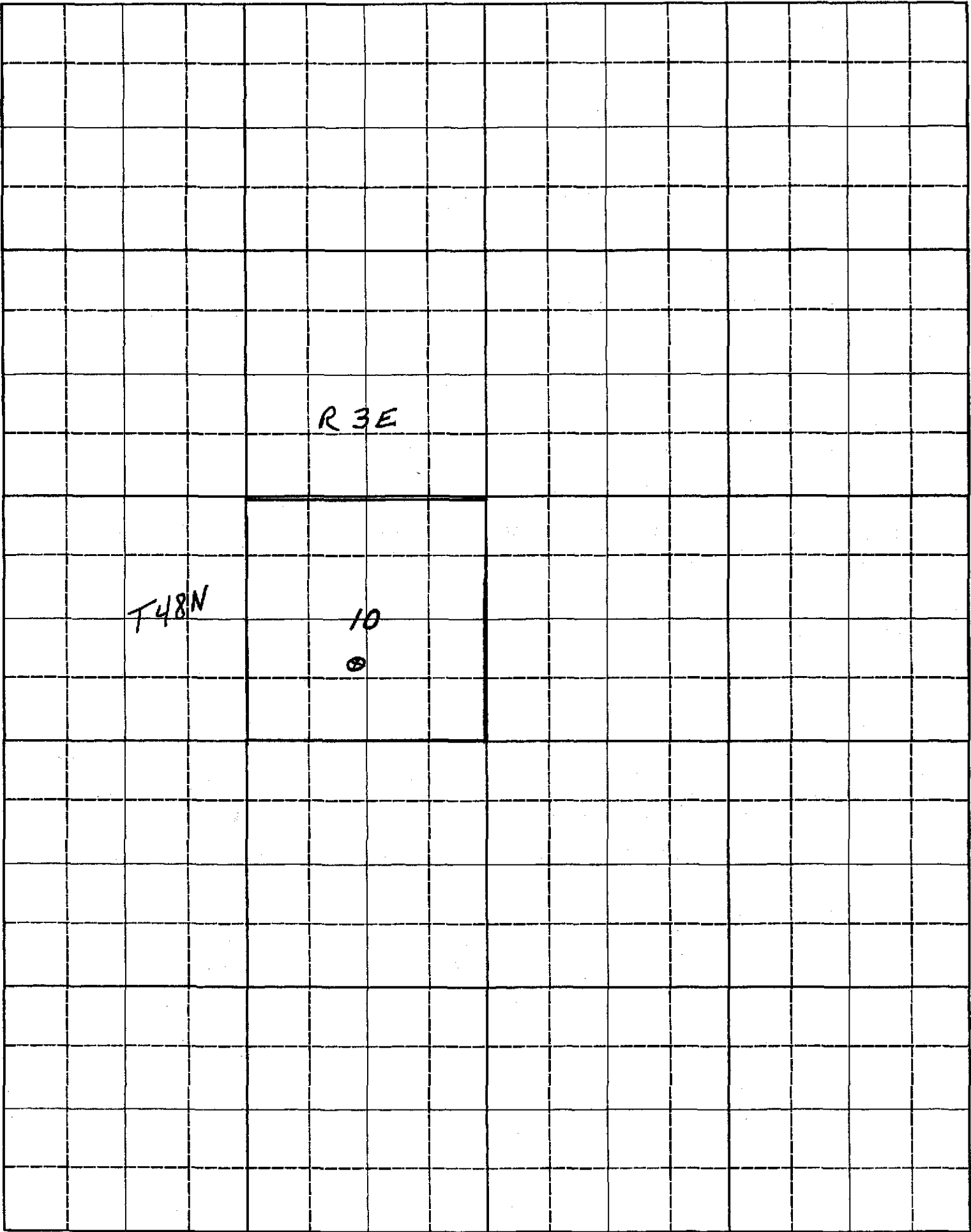
(3) List number of each kind of livestock to be watered NA

(4) Name of municipality to be served NA, or number of families to be supplied with domestic water _____

(5) If water is to be used for other purposes describe: process treatment

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11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Dave Halland ENV/SAFETY ENGR.
(Applicant)

Robert H. Peterson
Robert H. Peterson, Vice President

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Proposed Priority 9/10/84

Received by JE Date 9/10/84 Time 1:15 pm
Preliminary check by JE Fee \$ 90.00
Received by JE Date 9/13/84 (31647)
Publication prepared by JE Date 9/13/84
Published in Idaho Water Review
Publication dates 9/19-26/84 & 10/31 & 11/7/84
Publication approved JE Date 10/17/84
Protests filed by: none
Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial kw

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. 94-7290 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 February 1, 19 86.

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: Water used under this permit if discharged into a natural channel or subsurface system shall meet Idaho Water Quality Standards.

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.

Witness my hand this 14th day of January, 1985.

J. Allen Sayton
Chief, Operations Bureau

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant Sunshine Mining Company Phone (208) 783-1211
Post office address P.O. Box 1080, Kellogg, Idaho 83837

2. Source of water supply Groundwater which is a tributary of _____

3. Location of point of diversion is NE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 10 Township 48N
Range 3E B.M. Shoshone County, additional points of diversion if any: _____

4. Water will be used for the following purposes:
Amount .1 cfs for process treatment (Industrial) purposes from Jan 1 to Dec -1 (both dates inclusive) 31 Per telcon w/D. Holland pms 9/13/84
(cfs or acre-feet per annum)
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)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:
a. .1 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. one 1.5 hp pump

b. Height of storage dam NA 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 6" inches; proposed depth of well is 40" feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 1 years (minimum 1 year -- maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 10 Township 48N
Range 3E B.M.

(2) Amount of power to be generated: NA horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered NA

(4) Name of municipality to be served NA, or number of families to be supplied with domestic water _____

(5) If water is to be used for other purposes describe: process treatment

MICROFILMED

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

[illegible]

Total number of acres to be irrigated

c. Describe any other water rights used for the same purposes as described above. NA

9. a. Who owns the property at the point of diversion Sunshine Mining Company

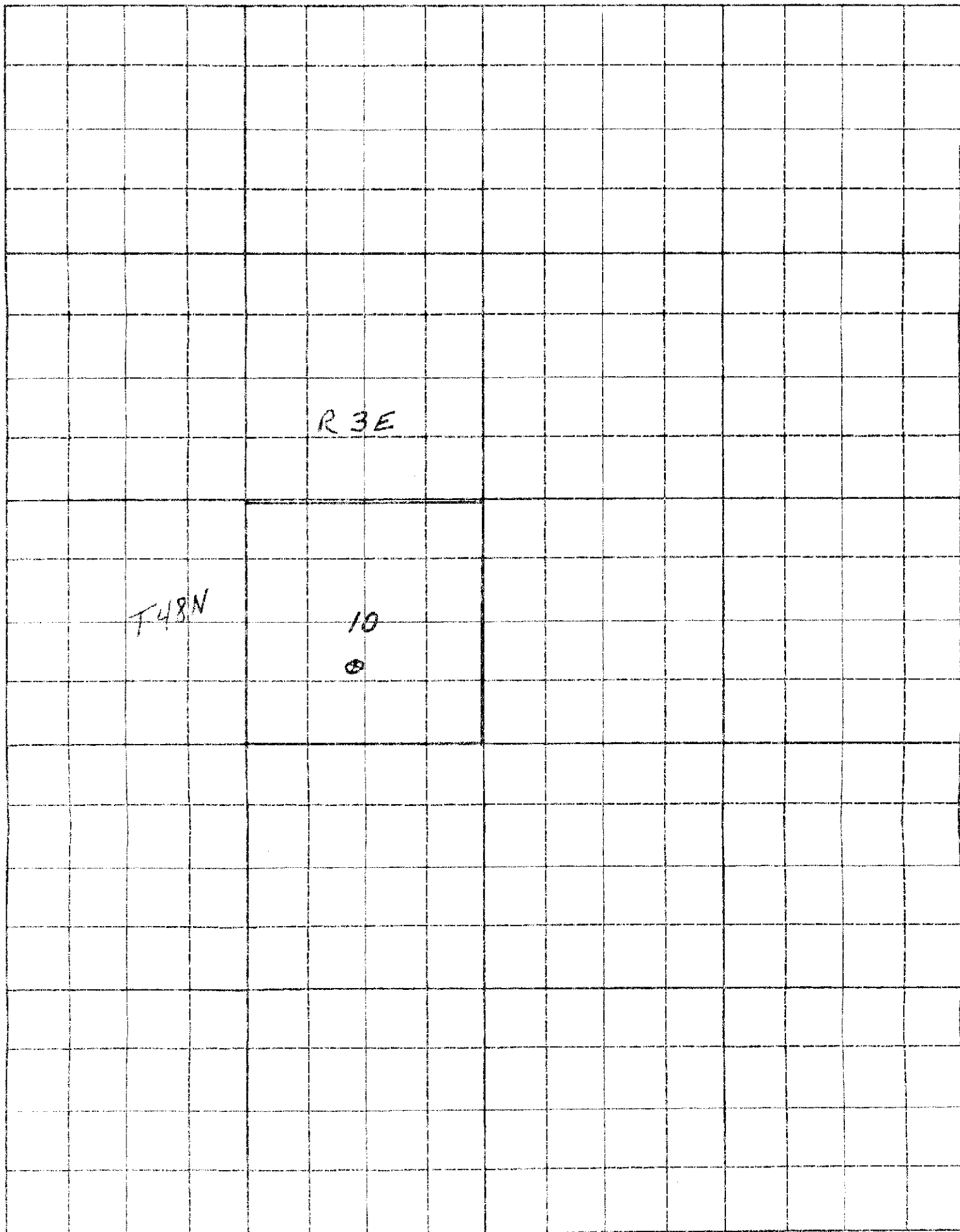
b. Who owns the land to be irrigated or place of use Sunshine Mining Company

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing

10. Remarks



11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

DAVE HOLLAND EAV/SATCH, ENGR.
(Applicant)

CONFIRMATION

Received by Mr Date 9/10/84 Time 1:10 PM
Preliminary check by JL Fee \$ 30.00
Receipted by pm Date 9/13/84 (31647)
Publication prepared by pm Date 9/13/84
Published in Telling Cove News
Publication dates 9/19-26/84
Publication approved _____ Date _____
Protests filed by: _____

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by _____

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. _____, and said application is hereby _____.

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 _____, 19 ____.
- 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:

RECEIVED

PROOF OF PUBLICATION

County of Shoshone,)

STATE OF IDAHO)

**STATE OF IDAHO
DEPARTMENT OF
WATER RESOURCES
NOTICE OF CORRECTION**

NOTICE IS HEREBY GIVEN that Application for Permit No. 94-7290 in the name of Sunshine Mining Co. was advertised incorrectly on 9/19 and 9/26/84.

The Place of Use was incorrectly advertised as the NENW Sec. 10 T48N R03E, whereas, correctly it should be the NESW Sec. 10 T48N R03E.

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 RESOURCES

of which the annexed is a true copy, was published in each regular weekly/daily issue of said newspaper, and not in a supplement hereto, for a period of 2 consecutive weeks/days, the first publication thereof being in its issue dated 10-31-84 and the last publication thereof being in the issue dated 11-7-84

[Signature]

Subscribed and sworn to before me this 20th day of November, 1984

[Signature]

Notary Public

RECEIVED

DEC 5 1984

Department of Water Resources
Northern District Office

22/2
1048

RECEIVED

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:

84-7290
Name: SUNSHINE MINING CO.
Address: P.O. Box 1080,
KELLOGG, ID 83887

Source: GROUNDWATER
Date Filed: Sept. 10, 1984
Diversion Point: NESW Sec. 10 T
48N R 03E

Use: INDUSTRIAL (0.10 CFS)
In: NE1/4 Sec. 10 T 48N R 03E
84-7291

Name: SUNSHINE MINING CO.
Address: P.O. Box 1080,
KELLOGG, ID 83887

Source: GROUNDWATER
Date Filed: Sept. 11, 1984
Diversion Point: SE1/4 Sec. 10 T
48N R 03E

Use: INDUSTRIAL (0.10 CFS)
In: SE1/4 Sec. 10 T 48N R 03E

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
OCTOBER 9, 1984.

Ken Duan, Director
9/19/84 YR-L

s/Gary A. Corbeill, being first duty 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
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 9-19-84
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

RECEIVED

OCT 12 1984

Department of Water Resources
Northern District Office

Notary Public



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098

Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: www.idwr.state.id.us

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

October 10, 2002

FORMATION CHEMICALS INC
C/O FORMATION CAPITAL CORP
SUITE 720 - 789 W PENDER ST
VANCOUVER BC CANADA V6C 1H2

RE: Change of Ownership for Water Rights 94-4267 and 94-7290

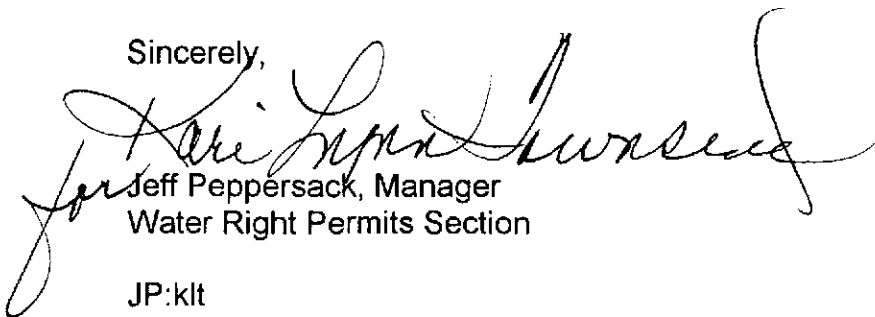
Dear Water Right Holder(s):

The department acknowledges receipt of correspondence changing ownership of the above referenced water rights to you. The department has modified its records to reflect the changes in ownership and has enclosed computer-generated reports for your records.

Please note that as of July 1, 1996, water right owners are required to report any change of water right ownership and any change of mailing address of the owner of a water right to the department. Notice of the change must be provided to the department within 120 days of the change. Change reporting forms are available from any office of the department.

Please feel free to contact this office if you have any questions regarding this matter.

Sincerely,



Jeff Peppersack, Manager
Water Right Permits Section

JP:klt

cc: Linda B. Jones, Holland & Hart, LLP, PO Box 2527, Boise, ID 83701-2527

Enclosures

MICROFILMED

OCT 17 2002

July 19, 1990

SUNSHINE MINING CO.
815 PARK BLVD. #100
BOISE, ID 83712

RE: PERMIT NO. 94-07290

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

RECEIVED

JUL 20 1990

July 3, 1990

SUNSHINE MINING CO.
815 PARK BLVD. #100
BOISE, ID 83712

RE: PERMIT NO. 94-07290

Dear Permit Holder(s):

Enclosed is a draft copy of the license proposed to be issued on the above referenced water right.

This right is currently being reviewed by this office for licensing. The enclosed preliminary copy is subject to change upon further administrative review.

We ask that you review the proposed license and if you do not concur with the information, please let us know within 10 days.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

RECEIVED

JUL 3 6 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Staff Analysis Sheet
for
Beneficial Use Field Report

94-7290

Permit No.

AUG 12 1987

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

Department of Water Resources

- ☒ Check for Government Lots. If so, make a copy of Government Plat

Check of P/D index pk 9/8/86 (Initial and date) 9/8/86

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 pk 9/8/86 (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.

C. Review and Processing:

Exam Completed Lanifer Aragon (Signature of examiner and date) 6-26-87

Exam Reviewed by Senior Water Resource Agent pk 7/87 (Initial and date)

Exam Reviewed by Manager of Regional Office DJA 7/30/87 (Initial and date)

Exam Date Entered in Computer pk 7/30/87 (Initial and date)

Exam sent to State Office pk 7/31/87 (Initial and date)

Copy of Staff Analysis Sheet sent to Manager of Regional Office and Original

Refiled in White File _____ (Initial and date)

To

Date

6/18

Time

8:50am

WHILE YOU WERE OUT

Shesheri Mining

of

Phone

Telephoned	☒	Please call	☐
Called to see you	☐	Will call again	☐
Wants to see you	☐	Returned your call	☐

Message

It will meet you on 6/24 at 12:00 noon
at the security guardhouse right at the
bridge where it crosses Big Ck. into
the mine yard. (You have been there
before).

Operator

→ Measure with
Bucket From hose

→ W. 11 call when

this and #94-7291
are ready
RELEASED



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

NORTHERN REGION

REMARKS / PHOTOS

PERMIT # 94-7290

DATE

INITIALS

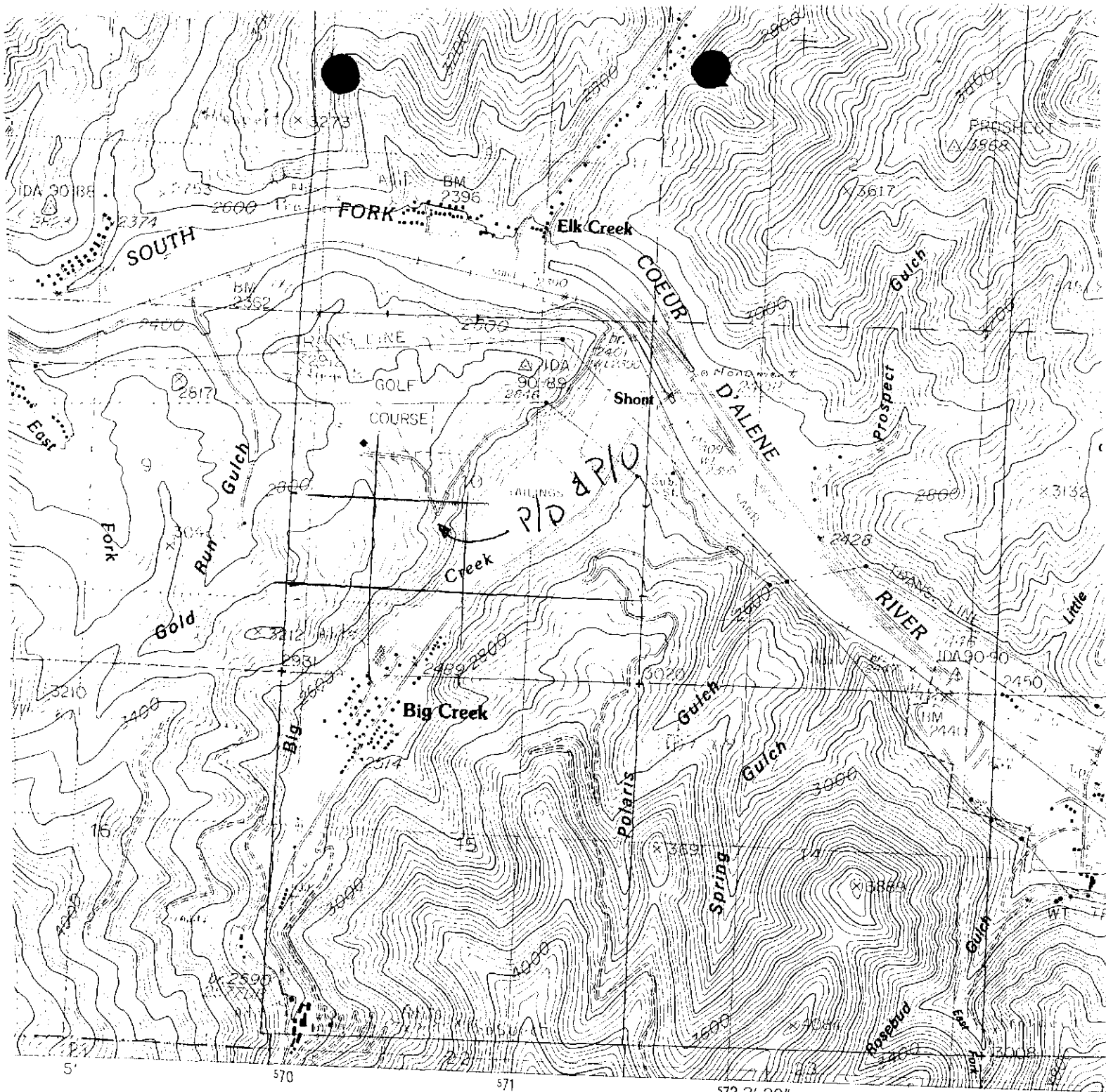
6-18-87 Appt. Made for 6-24-87 @12:00 S.A.



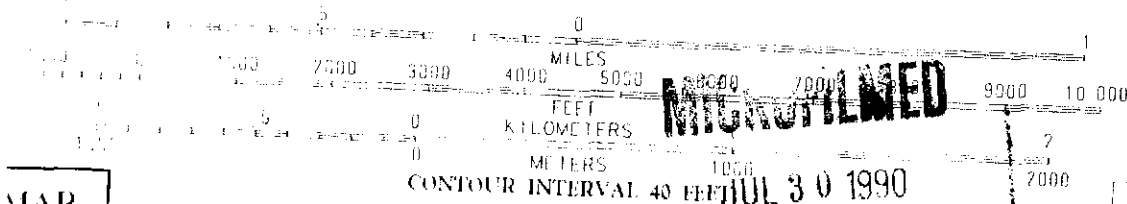
P/D
→
Pump

MICROFILMED

JUL 30 1990



SCALE 1:24 000

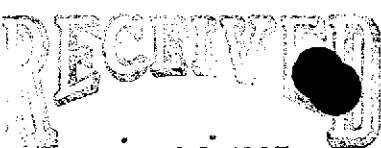


QUADRANGLE LOCATION

1	2	3	1 Steamboat Creek
			2 Grizzly Min
			3 Prichard
4		5	4 Kellogg West
			5

MAP
original
Infor-
late of

TWP. 48 N., RGE. 3E SEC. 10 MAP # F-60 PERMIT # 94-7290
DATE OF EXAM 6-24-87



AUG 03 1987

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Department of Water Resources
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 94-7290
Phone No. 783-1211
EXAM. DATE: 6-24-87
Phone No. 6-24-87 SAME

1. Owner: Sunshine Mining Company
Current Address: P.O. Box 1080, Kellogg, Idaho 83837
2. Accompanied by: Robert E. Lannhardt
Address: SAME
Relationship to Permit Holder: SAME
3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 94-4267 - Not overlap
☐ 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



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Scale: 1" = _____

2. ☒ Copy of U.S.G.S. Quadrangle 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.)
☐ Aerial Photo Attached
(required for irrigation of 10 acres or more).

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

Water pumped through 3/4" hose to be used for tailing booster pump station, flocculent and cleaning.

☐ See Remarks on page 4 for continuation

Well or Diversion No.	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Dayton	1 1/2	9K576	Teel	1" PVC

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

4. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
					NE SW 10	48N	3E	Shoshone	Map - Permit

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4	NW 1/4	SE 1/4	NE 1/4	NW 1/4	SE 1/4	NE 1/4	NW 1/4	SE 1/4	NE 1/4	NW 1/4	SE 1/4	NE 1/4	NW 1/4	SE 1/4	Totals
48N	3E	10																

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Bucket						
Stop watch						

2. Measurements:

5 gal bucket 21 sec }
 20.75 sec } time Avg = 20.9
 21.1 sec }
 $Q = .239 \text{ gal/sec} \times \frac{1}{2.48 \text{ gal}} = .03 \text{ cfs}$

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

$Q = .03 \text{ cfs}$ measured

$$Q = \frac{(.75)(8.8)(1.5)}{20 + 2.3(20)} = .15 \text{ cfs}$$

Assumed Press.

2. Alternate Method for Checking Purposes:

$Q_{\text{industrial}} = .1 \text{ cfs}$ via permit

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 _____ 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:

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

$V_{D.R.} = [\text{Diversión Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 7.8 \text{ AF}$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 7.8 \text{ AF}$

2. Volume Calculations for Other Uses:

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JUL 30 1990

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		
Industrial	1-1	12-31	.03 cfs	7.8 AF

2. Recommended Amendments

- ☐ Change P.D. as reflected above
- ☐ Add P.D. as reflected above
- ☐ Change P.U. as reflected above
- ☐ Add P.U. as reflected above

J. AUTHENTICATION

Field Examiner's Name _____

Signature _____

Certification Date _____

Field Report Preparation Date _____

6-26-87

5/1/87

[Signature]



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

RECEIVED

JUL 30 1990

July 15, 1986

Ssunshine Mining Co.
P.O. Box 1080
Kelloggs, Id. 83837

Re: 94-7790 and 94-7791

Gentlemen:

Enclosed is your Receipt No. 38052 in the amount of \$150.00 for the examination of your above-referenced permits.

If you have any questions, please contact me at this office.

Sincerely,

TOM D. KING
Senior Water Resource Agent

TDK/pms

Enc. - Receipt

MICROFILMED

JUL 30 1990



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

94-7290
SUNSHINE MINING CO.
815 PARK BLVD.
SUITE #100
BOISE, ID 83712

138171

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.

JUL 30 1986

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

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

RECORDED

JUL 30 1990

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

JANUARY 29, 1986

SUNSHINE MINING CO.
P.O. BOX 1080
KELLOGG ID 83837

RE: Permit No. 94-7290

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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JUL 30 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
PROOF OF BENEFICIAL USE

RECEIVED
DEC 16 1985

Department of Water Resources

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed development under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below:

Permit No. 94-7290

Name(s) of Permit Holder: Sunshine Mining Company

Post Office Address: P.O. Box 1080, Kellogg, Idaho 83837

Telephone No. (208) 783-1211

Source of Water: Groundwater

Extent of Use:

Domestic _____ (number of households)

Stockwater _____ (number and type of stock)

Irrigation _____ (acres)

Other/Remarks Water source for industrial effluent treatment

Indicate the date water was first diverted and beneficially used under this permit: 10/5/84

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

Flow Measurement Port: Required? ☐ Yes ☒ No
Installed? ☐ Yes ☐ No

Person to contact to accompany the Department representative during the field examination:

Dave Holland, Env./Safety Engr.
(Name)

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Sunshine Mining Co., Big Creek Road, Kellogg, Idaho 208-783-1211 ext. 215
(Address) (Telephone Number)

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

12/9/85
Date

Robert H. Blum
Signature of Permit Holder (and Title, if appropriate)
General Manager
Sunshine Mining Co.

1-23-86
mf

Sunshine Mining Co

SUNSHINE MINING COMPANY

P. O. BOX 1080

KELLOGG, IDAHO 83837

Idaho Department of Water Resources
Statehouse Mail
Boise, ID 83720

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
CERTIFIED MAIL
NOVEMBER 30, 1985

138570

SUNSHINE MINING CO.
815 PARK BLVD.
SUITE #100
BOISE, ID 83712

PROOF DUE NOTICE

RE: PERMIT NO. 94-7290

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF THE ABOVE REFERENCED WATER PERMIT WAS THAT PROOF OF THE EXTENT OF YOUR BENEFICIAL USE MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE FEBRUARY 1, 1986. (SEE LAST PAGE OF YOUR APPROVED PERMIT OR YOUR LAST APPROVED EXTENSION REQUEST.) ENCLOSED IS A FORM WHICH MAY BE USED TO SUBMIT THE REQUIRED PROOF.

IF YOU HAVE NOT FULLY COMPLETED YOUR PROJECT, AND YOU OR A PREVIOUS OWNER OF THIS PERMIT HAVE NOT RECEIVED A PRIOR EXTENSION OF TIME, YOU MAY REQUEST AN EXTENSION OF TIME IF THE DELAY IS FOR REASONABLE CAUSE AS PROVIDED IN SECTION 42-204, IDAHO CODE. IF YOU HAVE BEEN PREVENTED FROM PROCEEDING BY A GOVERNMENTAL AGENCY OR BY LITIGATION WHICH MIGHT BRING TITLE TO THE WATER IN QUESTION, MORE THAN ONE EXTENSION OF TIME CAN BE GRANTED. AN EXTENSION OF TIME REQUEST FORM IS ENCLOSED FOR YOUR CONVENIENCE.

EITHER A COMPLETED PROOF OF BENEFICIAL USE FORM OR A REQUEST FOR AN EXTENSION OF TIME MUST BE RECEIVED BY THIS DEPARTMENT ON OR BEFORE THE ABOVE DESCRIBED PROOF DUE DATE. IF NEITHER IS RECEIVED, THE DEPARTMENT WILL SEND YOU A LAPSE NOTICE. WITHIN SIXTY (60) DAYS OF THE MAILING OF THE LAPSE NOTICE, THE PERMIT WILL NO LONGER BE OF ANY FORCE NOR EFFECT.

SINCERELY,

RITA FLECK
SECRETARY/RECORDS MANAGER

ENCLOSURES

MICROFILMED

94-7-290
94-7290
11 7221

RECEIVED
DEC 19 1984

SUNSHINE

Department of Water Resources

December 18, 1984

State of Idaho
Department of Water Resources
Statehouse Street, #940
Boise, ID 83720

Dear Sirs:

Please be advised that the operational headquarters of Sunshine Mining Company has been moved to Boise, Idaho, and therefore I would appreciate your changing my mailing address from Kellogg to 815 Park Boulevard, Suite #100, Boise, Idaho 83712.

Thanks for your cooperation and assistance in this matter.

Sincerely,

Bill Booth

William B. Booth
Governmental & Regulatory
Affairs Manager

WBB/cg

MICROFILMED

Sunshine Mining Company

Suite 100
815 Park Boulevard
(208) 345-0660

Boise, Idaho 83702

January 17, 1985

RE: Permit No. 94-7290

Sunshine Mining Co.
Box 1080
Kellogg, ID 83837

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

RECEIVED
JAN 21 1985
WATER ALLOCATION SECTION

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: JA

APPLICATION NUMBER: 94-7290

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.

Field check by: _____

Date: _____

Comments: _____

- ☐ 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.

*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: 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: 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? _____
☒ 9/10/84 Date of priority recommended.
Special conditions of approval or cover letter. _____

By: JA

Date: 12/10/84

STATE OFFICE REVIEW:

L/K

OGE & OGA

- ☐ See attached sheet for more information.

By: fw

Date: 12/18/84

RECEIVED

DEC 13 1984

Department of Water Resources

POINT OF DIVERSION AND STREAM INDEX INFORMATION

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

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

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

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

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

NOTICE OF CORRECTION

NOTICE IS HEREBY GIVEN that Application for Permit No. 94-7290 in the name of Sunshine Mining Co. was advertised incorrectly on 9/19 and 9/26/84.

The Place of Use was incorrectly advertised as the NENW Sec. 10 T48N R03E; whereas, correctly it should be the NESW Sec. 10 T48N R03E.

Protests to the above-referenced correction must be filed with the Director, Dept. of Water Resources, 4055 Gov't Way, Ste. 14, Coeur d'Alene, Id. 83814 on or before November 19, 1984.

KEN DUNN, Dir.

Published in the Kellogg Evening News on 10/31 and 11/7/84.

RECEIVED
OCT 31 1984
WATER RESOURCES
DIVISION
IDAHO

94-2290-

SUNSHINE MINING CO.

P.O. BOX 1080, KELLOGG, ID 83837

Source: GROUNDWATER

Date Filed: 09/10/1984

Diversion Pt: NESW Sec 10 T 48N R 03E

Use: INDUSTRIAL (0.10 CFS)

In: NENW Sec 10 T 48N R 03E

SW

*changed on
computer
10/25/84
[signature]*

10/25/84



STATE OF IDAHO DEPARTMENT OF WATER RESOURCES

NORTHERN REGION

A. Kenneth Dunn
Director

Suite No. 9
4055 Government Way
Coeur d'Alene, Idaho 83814
(208) 765-4639

September 13, 1984

Mr. Dave Holland
Sunshine Mining Co.
P. O. Box 1080
Kellogg, Id. 83837

Re: 94-7290 and 94-7291

Dear Mr. Holland:

Enclosed please find Receipt No. 31647 in the amount of \$30.00 for the filing fee on Application No. 94-7290 and Receipt No. 31648 in the amount of \$45.00 for the filing fee on Application No. 94-7291.

Per our telephone conversation, also enclosed are the above-referenced original applications which must be signed by an elected official of Sunshine Mining Co. Please have them re-signed and return to our office as soon as possible.

Thank you for your cooperation.

Sincerely,

Patricia M. Stypa
Secretary - O/C

Enc. - receipts (2)
Applications (2)

Sunshine Mining Company

P. O. BOX 1080 PHONE: Area Code 208 783-1211

Kellogg, Idaho
83837

August 7, 1984

Idaho Department of Water Resources
Northern District Office
4055 Government Way
Suite #9
Coeur d'Alene, Idaho 83814

Dear Sir:

Please find enclosed two permit applications for the appropriation of the public waters of the State of Idaho. Also enclosed is a check for \$75.00 for the application fee requested. Thank you.

Sincerely,



Dave Holland
Env./Safety Engr.

Enclosures

RECEIVED

SEP 10 1984

Department of Water Resources
Northern District Office