



WATER-RIGHT DOCKET

Glacier National Park

Docket No: 19

LAKE MCDONALD 8 INCH WELL

Preliminary Docket Information

09-15-1979: water right record: lake mcdonald 8 inch well, certificate record no. 50492-679i

WATER RIGHT RECORD	
IDENTIFICATION NO: GLAC W F 1 9	Park: GLACIER
	Docket Number: Federal No. 19
DITCH/WATER SYSTEM: Lake McDonald 8 inch Well	
SOURCE OF SUPPLY: Well	
LOCATION: Latitude 48°37', Longitude 113°52'36" (unsurveyed)	
WATER RIGHT:	
Appropriator: United States of America, National Park Service	
Application/Permit Number:	
Certificate Record Number: 50492-679I	
Date of Priority: September 15, 1979	
Quantity of Water: 247 gpm up to 80 ac-ft per year	
Purpose: Domestic, recreational and fire protection	
Irrigated Land Description:	
SUMMARY OF STATUS: 77.67 feet well constructed September 15, 1979 through September 20, 1979.	
Refer to Report on Well Construction Program, Glacier National Park, Montana by HKM Associates, P.O. Box 31318, Billings, Montana 59107, on file. Project No. 6M099.108	

*file
the Docket
arm*

L54

October 13, 1982

Mr. Al Russell, Analyst
State of Montana
Dept. of Natural Resources & Conservation
Water Rights Bureau
P.O. Box 860
Kalispell, Montana 59901

Dear Mr. Russell:

With regard to your review of Application For Beneficial Water Use permit number 50492 for the eight-inch well at Lake McDonald Lodge:

- Item 3(a): Requested items are shown on enclosed map. Places of use include structures along Lake as shown on USGS map, some east side of Going-To-The-Sun Road, and Sprague Creek Campground.
- Item 4(a): Well log and data sheets for both six inch and eight inch wells are enclosed. Construction drawings 117/41,048A, sheets 1, 25-39 are enclosed. Instead of calculated capacity of pump, 247 gpm is used as tested capacity of well.
- Item 4(b): Please refer to enclosed drawings.
- Item 6: Corrected water amount should be:
31 gpm up to 10.0 AC-FT for domestic from 4/1-12/1
93 gpm up to 30.0 AC-FT for recreation from 4/1-12/1
3 gpm up to 1.0 AC-FT for fire from 4/1-11/1
118 gpm up to 38/5 AC-FT for commercial from 4/1-11/1
2 gpm up to 0.5 AC-FT for stock water from 4/1-11/1
247 gpm up to 80 AC-FT total per year
- Recreational use is service to Sprague Creek Campground.
- Item 10: Copies of the Statement of Claim for existing water rights on Jackson Creek are enclosed.

Sincerely,

(sgd) Gary G. Brandow

Acting for

Robert C. Haraden
Superintendent

Enclosure

bcc: William McKeel, ML, Rocky Mountain Region

DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
WATER RIGHTS BUREAU



TED SCHWINDEN, GOVERNOR

P. O. BOX 860

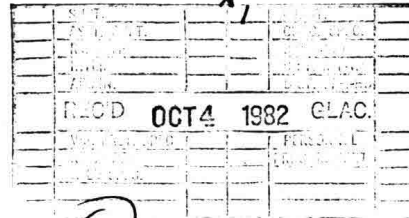
STATE OF MONTANA

(406) 755-9288

KALISPELL, MONTANA 59901

September 30, 1982

US Dept. of Interior
National Park Service
Glacier National Park
West Glacier, MT 59936
ATTN: Robert C. Haraden, Superintendent



RE: Application for Beneficial Water Use Permit #50492

Dear Mr. Haraden,

We are returning a copy of the of the above mentioned application for correction or completion of the following items:

- Item 3(a): Point of diversion - please indicate the location of the well on the enclosed map, place of use of the water and storage facility site(s).
- Item 4(a): Diverting works - a well log and blue print of the water system would be helpful. A 5 horsepower pump diverting at 200 gallons per minute does not correlate with 247 gallons per minute in question #6. Please review and clarify.
- Item 4(b): Reservoir - old and new storage capacity is indicated to be a total of 0.6 acre feet or 195,540 gallons. Again, a design of the water system is really needed.
- Item 6 : Amount of water - acre foot calculations for domestic and commercial appear in order. Fire protection should be separate allowing 1.0 acre foot. Horses, if they are watered from the system, should be included as stockwater at .5 acre feet. Please define recreational use of the water.
- Item 10 : Remarks - the application is either for new or supplemental water. If supplemental, please provide copies of the Statement of Claim for Existing Water Rights on Jackson Creek., so the application can reflect what it is supplementing.

Your priority date of April 29, 1982 will remain the same provided we receive a correct and complete application within thirty (30) days from the date of this letter. Failure to do so within the 30 day period results in

AN EQUAL OPPORTUNITY EMPLOYER

Glacier National Park
ATTN: Robert Haraden, Superintendent
September 30, 1982
Page 2

placing your application in a suspended file for termination in accordance
with Title 85-2-302, MCA. If assistance is needed, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Al Russell".

Al Russell
Analyst
Water Rights Bureau

AR/lc

Enclosures

Lk McDonald Lodge & more

NO. 501 PMS1

STATE OF MONTANA
DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
32 SOUTH ELMING HELENA, MONTANA 59620

Permit to Appropriate Water



THIS PROVISIONAL PERMIT TO APPROPRIATE WATER IS HEREBY ISSUED TO:

US DEPT OF INTERIOR NATIONAL PARK SERVICE
GLACIER NATIONAL PARK
WEST GLACIER MT 59936

UPON FINDING THAT THE REQUIREMENTS OF SECTION 85-2-311 MCA HAVE BEEN MET. *Lk McDonald*

PERMIT NUMBER: 50492-G76I *Approved*

PRIORITY DATE: APRIL 29, 1982 AT 9:01 A.M.

SOURCE: GROUNDWATER WELL

TOTAL AMOUNT: 247.00 GPM UP TO 80.00 AC-FT PER ANNUM

DIVERSION POINT: NW1/4 SEC. 23 TWP. 33N RGE. 18W FLATHEAD CO

USE: 247.00 GPM UP TO 38.50 AC-FT (APR 01 - NOV 01)
FOR COMMERCIAL
UP TO 10.00 AC-FT (APR 01 - DEC 01)
FOR DOMESTIC
UP TO 1.00 AC-FT (APR 01 - NOV 01)
FOR FIRE PROTECTION
UP TO 30.00 AC-FT (APR 01 - DEC 01)
FOR RECREATION
UP TO .50 AC-FT (APR 01 - NOV 01)
FOR STOCK

PLACE OF USE: S2 SEC. 14 TWP. 33N RGE. 18W FLATHEAD CO
FOR COMMERCIAL
W2 SEC. 23 TWP. 33N RGE. 18W FLATHEAD CO
FOR COMMERCIAL
S2 SEC. 14 TWP. 33N RGE. 18W FLATHEAD CO
FOR DOMESTIC
W2 SEC. 23 TWP. 33N RGE. 18W FLATHEAD CO
FOR DOMESTIC
S2 SEC. 14 TWP. 33N RGE. 18W FLATHEAD CO
FOR FIRE PROTECTION
W2 SEC. 23 TWP. 33N RGE. 18W FLATHEAD CO
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FOR RECREATION
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FOR RECREATION
S2 SEC. 14 TWP. 33N RGE. 18W FLATHEAD CO
FOR STOCK
W2 SEC. 23 TWP. 33N RGE. 18W FLATHEAD CO
FOR STOCK

DIVERSION MEANS: PUMP

CONTINUED

STATE OF MONTANA)
County of _____) ss. (For County Use Only)

Filed for Record this _____ day of _____, 19____
at _____, and Recorded in _____ on Page _____
of the Records of _____ County, State of Montana

By _____ Deputy _____ Clerk and Recorder _____

STATE OF MONTANA 18-101-101

STATE OF MONTANA
DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
32 SOUTH ELMING HELENA, MONTANA 59620

Permit to Appropriate Water



PERMIT NUMBER: 50492-G761 **PAGE 2**

**** REQUIREMENTS FOR PERMIT HOLDER:**
THE DIVERSION AND DISTRIBUTION WORKS FOR THIS APPROPRIATION SHALL BE COMPLETED, AND WATER SHALL BE APPLIED TO BENEFICIAL USE AS SPECIFIED ABOVE, ON OR BEFORE MAY 01, 1984, OR WITHIN ANY AUTHORIZED EXTENSION OF TIME. THE NOTICE OF COMPLETION OF WATER DEVELOPMENT, FORM 617, SHALL BE FILED ON OR BEFORE JULY 01, 1984.

**** PRIOR RIGHTS:**
THIS PERMIT IS SUBJECT TO ALL PRIOR EXISTING WATER RIGHTS IN THE SOURCE OF SUPPLY. FURTHER, THIS PERMIT IS SUBJECT TO ANY FINAL DETERMINATION OF EXISTING WATER RIGHTS, AS PROVIDED BY MONTANA LAW.

**** CONTAMINATION, FLOWING WELLS:**
THIS PERMIT IS SUBJECT TO SECTION 85-2-505, MCA, REQUIRING THAT ALL WELLS BE CONSTRUCTED SO THEY WILL NOT ALLOW WATER TO BE WASTED, OR CONTAMINATE OTHER WATER SUPPLIES OR SOURCES, AND ALL FLOWING WELLS SHALL BE CAPPED OR EQUIPPED SO THE FLOW OF WATER MAY BE STOPPED WHEN NOT BEING PUT TO BENEFICIAL USE.

THE FINAL COMPLETION OF THE WELL MUST INCLUDE AN ACCESS PORT OF AT LEAST .50 INCH SO THAT THE STATIC LEVEL OF THE WELL MAY BE ACCURATELY MEASURED.

FAILURE TO COMPLY WITH ANY TERMS AND CONDITIONS HEREIN MAY RESULT IN THE LOSS OF THE WATER RIGHT GRANTED BY THIS PERMIT.

**** TRANSFER TO NEW OWNER:**
UPON A CHANGE IN OWNERSHIP OF ALL OR ANY PORTION OF THIS PERMIT, PURSUANT TO SECTION 85-2-403, MCA, THE PERSON RECEIVING THE INTEREST SHALL NOTIFY THIS DEPARTMENT ON A NOTIFICATION OF TRANSFER OF APPROPRIATION WATER RIGHT, FORM 608.

Gather Miller
WITNESS

Ronald J. Guse
ADMINISTRATIVE ASST: RONALD J GUSE

DATE: MAY 11, 1983 **WATER RIGHTS BUREAU, WATER RESOURCES DIVISION**

STATE OF MONTANA) ss. (For County Use Only)
County of _____)
Filed for Record this _____ day of _____, 19____
at _____, and Recorded in _____ on Page _____
of the Records of _____ County, State of Montana.
By _____ Deputy _____ Clerk and Recorder

RESOURCES AND CONSERVATION
FIELD OFFICE

STATE OF MONTANA

June 21, 1984

RECEIVED
JUN 21 1984
PO BOX 2807
HELENA, MONTANA

Form No. 817 R1/84

Permit No. 050492-00 Basin

NOTICE OF COMPLETION OF PERMITTED WATER DEVELOPMENT

The appropriation of water under this Permit shall be completed and this Notice of Completion of Permitted Water Development shall be filed pursuant to Section 85-2-312, MCA on or before the deadline date specified on the Permit.

(Please type or print in ink)

(X)We Dept. of Interior, Glacier National Park
Permit Holder

Address West Glacier, MT

City State Montana Zip 59936

Home Phone Other Phone (406) 888-5441 ext: 200

attest that the water development has been completed and water put to beneficial use in accordance with the terms and conditions of the Permit.

If the development was not completed as permitted, give details of the appropriation as actually developed.

Signature: Jean O'Neill Date: 6/28/84
Assistant Superintendent

Signature: _____ Date: _____
Permittee

Subscribed and sworn before me, this 28th day June 1984

Martha M. Sloan
Notary Public for the State of Montana

Residing at West Glac. Mt.

My Commission expires 3/8/87

Send completed form to:
MONTANA DEPARTMENT OF NATURAL RESOURCES & CONSERVATION **DNRC**
32 SOUTH EWING HELENA, MONTANA 59620 444-6610

NO FILING FEE REQUIRED

Form No. 600
Revised 11/73APPLICATION NO. _____
(For Dept. Use Only)

STATE OF MONTANA

DEPARTMENT OF NATURAL RESOURCES & CONSERVATION

LAKE MCDONALD 8" WELL

APPLICATION FOR BENEFICIAL WATER USE PERMIT 50492-676INote: Use one ap
blank line. If the
additional sheets.all appropriate boxes and fill in each
If more space is necessary, attachUS DEPT OF INTERIOR
NATIONAL PARK SERVICE
GLACIER NATIONAL PARK
WEST GLACIER MT 59936

1. Name of Applicant _____	
Mailing Address _____	
City or Town _____	Zip _____ 59936
Home Phone _____	Other Phone (406) 888-5441 x 10
2. Source of water supply <u>well</u>	
a tributary of _____ (stream name; if well, so indicate)	
3. (a) Point of diversion:	
_____ 1/4 _____ 1/4 _____ 1/4 Section <u>23</u> , Township <u>33</u> ^W S, Range <u>18</u> ^E W, <u>Flathead</u> County	
Additional points of diversion, if any:	
_____ 1/4 _____ 1/4 _____ 1/4 Section _____, Township _____ ^N S, Range _____ ^E W, _____ County	
_____ 1/4 _____ 1/4 _____ 1/4 Section _____, Township _____ ^N S, Range _____ ^E W, _____ County	
(b) If water is not consumed, it will be discharged back into the same source:	
Yes ☒ ; No ☐ . If no, explain and give the complete land description at the point of discharge. _____	
_____ 1/4 _____ 1/4 _____ 1/4 Section _____, Township _____ ^N S, Range _____ ^E W, _____ County	
4. Description of water development:	
(a) Diverting works. Enclose all pertinent engineering data available. If not available, describe the horsepower rating of the pump and capacity in gallons per minute, size of ditches, flumes, dikes or other. _____	
200 gpm, 5 hp pump, 8" casing	
(b) Reservoir (if applicable).	
1. Project will be an enlargement of an existing reservoir.	
Yes ☒ ; No ☐ . (If yes, complete both 3 and 4 below.)	
2. Project will be a new reservoir.	
Yes ☐ ; No ☐ . (If yes, enter NA in 3 below, and complete 4.)	
3. Capacity of existing (old) reservoir when constructed: <u>0.3</u> acre-feet.	
4. Capacity of new (proposed) reservoir: <u>0.3 additional</u> acre-feet.	
(c) Well Depth: <u>78</u> feet (if applicable).	
(d) Project will be a developed spring: Yes ☐ ; No ☒ .	

9/15/79		9/20/79	
5. Proposed Construction:			
(a) Desired starting date <u>other-ongoing</u> ;		anticipated completion date <u>5/82</u>	
(b) Estimated construction cost \$ <u>210,000</u>			

6. Amount of water, use to which it will be applied, and period of use:

Example:					
7.5 (Amount)	cfs gpm	up to	535 (acre-feet)	for <u>irrigation</u> (use)	from <u>April 15</u> to <u>October 15</u> (month-day) (month-day) inclusive.
31 (Amount)	cfs gpm	up to	10 (acre-feet)	for <u>domestic</u> (use)	from <u>4/1</u> to <u>12/1</u> (month-day) (month-day) inclusive.
93 (Amount)	cfs gpm	up to	30 (acre-feet)	for <u>recreation</u> (use)	from <u>4/1</u> to <u>12/1</u> (month-day) (month-day) inclusive.
123 (Amount)	cfs gpm	up to	40 (acre-feet)	for <u>fire & commercial</u> (use)	from <u>4/1</u> to <u>11/1</u> (month-day) (month-day) inclusive.
Total amount requested:		247 (Amount)	cfs gpm	up to	80 (acre-feet)
acre-feet per year.					

7. Description of proposed beneficial water uses: N/A

(a) Irrigation (if applicable).

- Method of irrigation: Flood ☐ ; Sprinkler ☐ . If Flood, explain: _____
- Project will involve new irrigated land: Yes ☐ ; No ☐ .
- Project will involve supplemental water to existing irrigation: Yes ☐ ; No ☐ .
- Project will involve both new irrigated land and supplemental water to existing irrigation: Yes ☐ ; No ☐ . If yes, the acreage must be entered on separate lines in the Table below, and identified on the map in Item 9, page 3.
- Acreage by land description: (Enter the number of acres to be irrigated in the appropriate quarter-section.)

Example:								Check Appropriate Block	
Sec.	Twp.	Rge.	NE¼	NW¼	SW¼	SE¼	Totals	New	Supplemental
7	13N.	20E	35		140	118	293	✓	

								Check Appropriate Block	
Sec.	Twp.	Rge.	NE¼	NW¼	SW¼	SE¼	Totals	New	Supplemental

Total number of acres to be irrigated →

(b) Non-irrigation use: (if applicable)

- Place of use of the water will be the same as location given in Item 3(a), page 1.
Yes ☒ ; No ☐ . If no, give the location: _____
Township N S, Range E W, _____ County.
- Estimate the maximum number and type of livestock to be watered: 50 horses

Are there other locations where the same livestock are watered? Yes ☒ ; No ☐ .

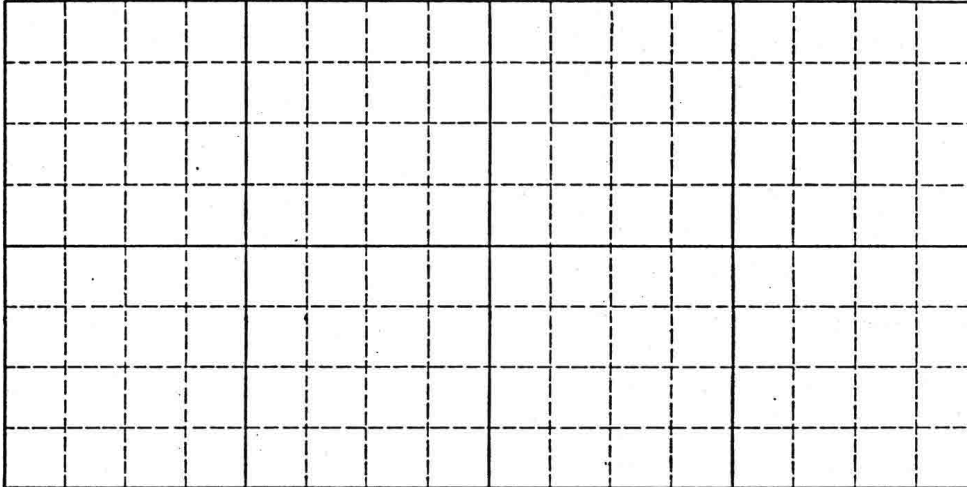
- Name of municipality to be served: Lake McDonald cottage area
- Number of families to be supplied: 10
- If water will be used for other purposes, describe: Hotel and motel complex, residences, campground, horse concession

8. Ownership:

- (a) Property owner at the point of diversion: Glacier National Park
 (b) Property owner at the place of use: Robert C. Haraden
 (c) If either (a) or (b) above are other than the applicant, describe the arrangement enabling the applicant to make this filing: _____

9. Map of proposed water development: Indicate clearly the point of diversion, place of use, and section, township, and range numbers. Show pertinent information concerning the development, such as dams, canals, ditches, pipelines, wells, etc. Use the largest, most convenient scale possible. If the map shown below is not adequate to describe your development, attach additional sheets.

USGS Lake McDonald East and West
 NP-GLA 2189-A

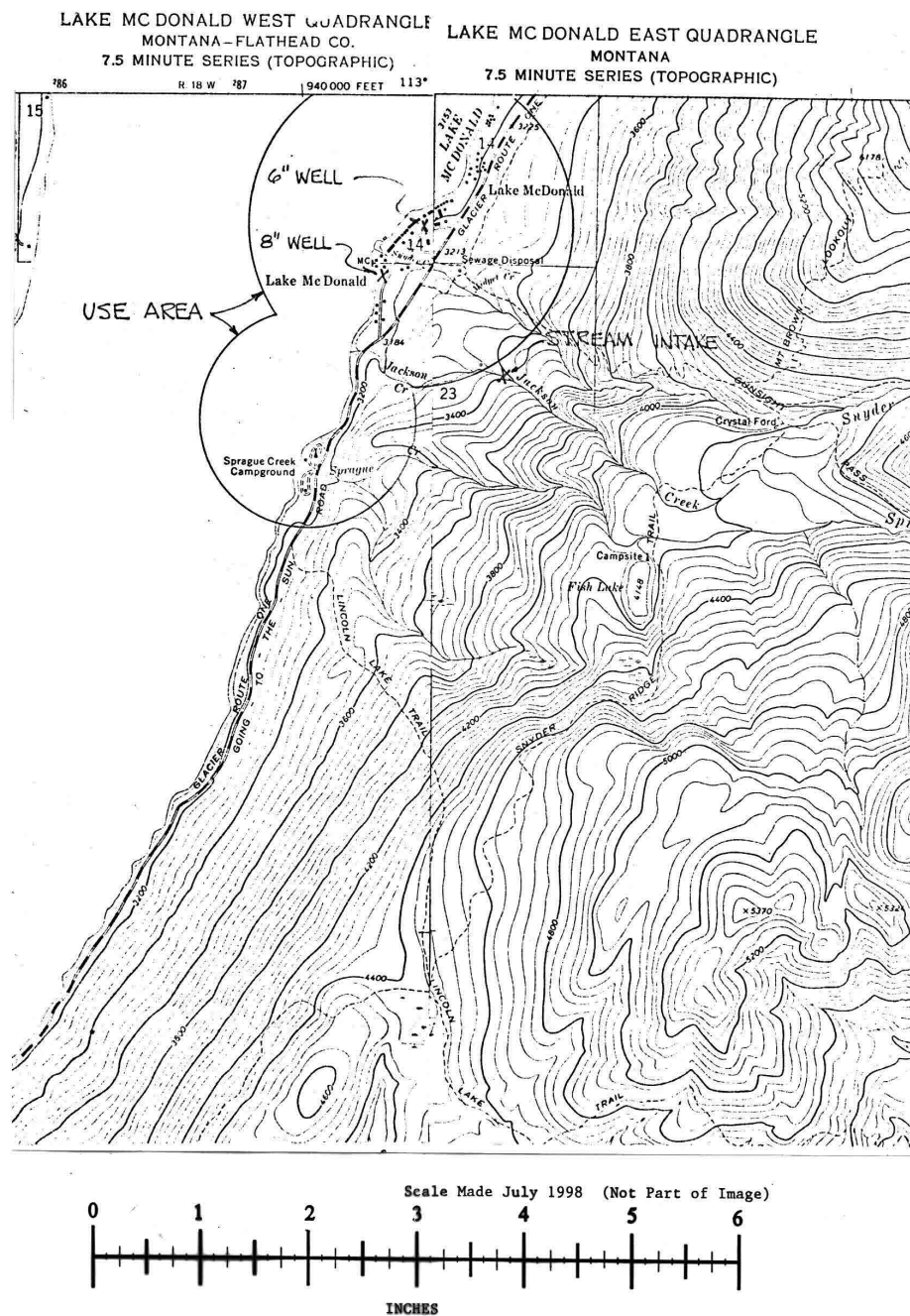


10. Remarks: Replaces or supplements existing surface water intake, (Jackson Creek)

11. THE APPLICANT CERTIFIES THAT THE STATEMENTS APPEARING HEREIN ARE TO THE BEST OF HIS KNOWLEDGE TRUE AND CORRECT.

Robert C. Haraden 12/4/81
 (Signature) (Date)
 _____ (Signature) (Date)
 _____ (Signature) (Date)

Signature of applicant(s) must be exactly as in Item 1, page 1. If more than one applicant is shown, all must sign.



Maps and Miscellaneous Information

