

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

Ident. No. 52-13308

1. Name of applicant(s) E. Marlowe Goble Phone (435)881-0053
Name connector (check one) ☐ and ☐ or ☐ and/or

Mailing address: 1125 Cedar Heights Dr City LoganState UT Zip 84341 Email: _____2. Source of water supply Ground water which is a tributary of n/a

3. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
12N	33E	6			NW	SE	Clark	Ground water	

4. Water will be used for the following purposes:

Amount 2.0 AF for Aesthetic Storage purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)5. Total quantity to be appropriated is (a) _____ cubic feet per second (cfs) and/or (b) 2.0 acre-feet per year (af).

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source. Excavated hole forms pond with a surface area of 0.37 acres and average depth of 4 to 5 feet. Inflow from subsurface water table naturally fills the hole creating the pond.b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity 2.0 acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 11.For dams 10 feet or more in height OR reservoirs with a total storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☐ No

c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.

d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ No

e. If well is already drilled, when? _____; drilling firm _____;

Well was drilled for (well owner) _____; Drilling Permit No. _____

7. Description of proposed uses (if irrigation only, go to item 8):

a. Hydropower; show total feet of head and proposed capacity in kW. _____

b. Stockwatering; list number and kind of livestock. _____

c. Municipal; show name of municipality or the applicant's qualifications as a municipal provider. _____

d. Domestic; show number of households _____

e. Other; describe fully. Pond will provide aesthetic value to the property.

RECEIVED

JUN 04 2010

Department of Water Resources
Eastern Region

32-13308

8. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
12N	33E	6														J			

Total number of acres to be irrigated: _____

9. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? n/a

10. a. Who owns the property at the point of diversion? E. Marlowe Goble
- b. Who owns the land to be irrigated or place of use? E. Marlowe Goble
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____

11. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. Purpose of application is to obtain a water right for the volume of groundwater captured in the pond. Water in the pond below the spill way elevation can not be drained from the pond. A second application will be filed to appropriate water for flow through.

12. Time required for completion of works and application of water to proposed beneficial use is 1 years (minimum 1 year).
13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

E. Marlowe Goble
Signature of Applicant

E. Marlowe Goble
Print Name (and title, if applicable)

Signature of Applicant

Print Name (and title, if applicable)

For Department Use:

Received by _____ Date _____ Time _____ Preliminary check by _____
Fee \$ 100.00 Received by [Signature] Receipt No. E035867 Date 6/24/2010

SENW

SWNE

SENE

NESE

P.O.D & P.O.U.
(pond)



NESW

NWSE

12N33E6

SESW

SWSE

SESE

MITIGATION ANALYSIS

A mitigation plan associated with the filling of a pond normally includes a determination of overall loss to the hydrologic system as a result of initial fill, seepage and evaporation. Because this pond naturally fills from subsurface water inflow (source on the application is identified as ground water), there is no need to divert water into the pond to fill it and consequently there is no mitigation requirement for initial fill. Also because of the inflow into the pond there is no seepage and consequently there is no mitigation requirement for seepage. However, evaporation from the pond surface does occur and needs to be addressed.

Referring to the website for ET Idaho 2009: Evapotranspiration and Consumptive Irrigation Water Requirements for Idaho, the closest station of record to the pond with data on evaporation is the Dubois Experiment Station. At this station, the precipitation deficit for the category of open water, shallow systems ("open water") for the growing season is 432 mm/acre or 17.0 inches/acre. The pond is roughly 0.37 acres in surface area so evaporation from the pond for the growing season totals 6.29 inches.

Historically the vegetation where the pond now exists consisted of willows and low maintenance pasture grass. Again referring to the website for ET Idaho 2009 at the Dubois Experiment Station, the precipitation deficit for willows for the growing season is 544 mm/acre or 21.4 inches/acre. This is 4.4 inches/acre more than the precipitation deficit for open water. The precipitation deficit for grass pasture-low management for the growing season is 495 mm/acre or 19.5 inches/acre, so even the precipitation deficit for grass pasture exceeds the precipitation deficit of open water.

Based on the data in the ET Idaho 2009 precipitation deficit tables it is apparent more water was lost to evaporation from the vegetation prior to the pond than from just the pond. Therefore, there is no mitigation requirement for evaporation from the pond for initial fill.

To inhibit the breeding of mosquitoes, the pond will require some flow through water (identified as aesthetic flows on a separate permit application). It is planned to pipe this water from its source, the L Pond, to the pond in question. By conveying the water in a pipe there is no seepage loss or added evaporation as a consequence of diverting water to the pond. Measuring devices will be installed at both the inlet and outlet to determine any loss between water delivered to the pond and water leaving the pond. If measurements taken at the weirs reflect a loss of water in the pond, the applicant has a private spring he proposes to also pipe to the pond to compensate for the difference in water being delivered to the pond and water exiting the pond.



State of Idaho

DEPARTMENT OF WATER RESOURCES

Eastern Region, 900 North Skyline Drive, Suite A • Idaho Falls, Idaho 83402-1718

Phone: (208) 525-7161 • Fax: (208) 525-7177 • Web Site: www.idwr.idaho.gov

June 15, 2010

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

E MARLOWE GOBLE
1125 CEDAR HEIGHTS DR
LOGAN, UT 84341

Application For Permit No. 32-13308 and 32-13309

Dear Applicant(s):

The Department of Water Resources has received your water right application. Please refer to the number referenced above in all future correspondence regarding this application.

A legal notice of the application has been prepared and is scheduled for publication in the POST-REGISTER on July 1 and 8m, 2010. Protests to this application may be submitted for a period ending ten (10) days after the second publication.

If the application is protested, you will be sent a copy of each protest. All protests must be resolved before the application can be considered for approval. If the protest(s) cannot be resolved voluntarily, the Department will conduct a conference and/or hearing on the matter.

Please contact this office if you have any questions regarding the application.

Sincerely,

Sharla Cox
Administrative Assistant



State of Idaho

DEPARTMENT OF WATER RESOURCES

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June 15, 2010

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

GREG SHENTON
Water District 32C
PO BOX 33
DUBOIS, ID 83423-0033

RE: Application for Permit No 32-13308 and 32-13309

Dear Watermaster:

A copy of the above referenced application is enclosed. Please review the application, then complete the enclosed recommendation form and return it to this office within 21 days of the date of this letter.

IDWR's regional offices can finish reviewing an unprotested application as soon as the protest period has past. Your prompt response to this request will ensure that your recommendation can be considered during regional review. If IDWR has not received your written recommendation within 21 days from the date of this letter, IDWR will presume that you do not oppose approval of the application and that you have no comments for IDWR to consider.

Please contact this office if you have any questions regarding the application.

Sincerely,

Blake Jordan
Sr. Water Resources Agent

Enclosure(s)

BJ:sc

June 15, 2010

LEGAL NOTICE DEPARTMENT
POST-REGISTER
PO BOX 1800
IDAHO FALLS, ID 83402

RE: Application For Permit No(s): 32-13308, 32-13309

Dear Legal Notice Department:

Please publish the enclosed legal notice on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before 7/19/2010. Your cooperation is appreciated.

Sincerely,

Sharla Cox
Administrative Assistant

Enclosure(s)

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

E MARLOWE GOBLE
1125 CEDAR HEIGHTS DR
LOGAN, UT 84341

32-13308

Point of Diversion NWSE S6 T12N R33E CLARK County Source GROUND WATER Tributary MEDICINE LODGE CREEK

Use: AESTHETIC STORAGE 01/01 to 12/31 2 AF

Total Diversion: 2 AF

Date Filed: 6/4/2010

Place Of Use: AESTHETIC STORAGE
T12N R33E S6 NWSE

32-13309

Point of Diversion SENESW S6 T12N R33E CLARK County Source SPRINGS Tributary MEDICINE LODGE CREEK

Use: AESTHETIC 01/01 to 12/31 1.5 CFS

Total Diversion: 1.5 CFS

Date Filed: 6/4/2010

Place Of Use: AESTHETIC
T12N R33E S6 NESE

Permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Idaho Code § 42-203A. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Eastern Region, 900 N Skyline Dr Ste A, Idaho Falls ID 83402 together with a protest fee of \$25.00 for each application on or before July 19, 2010. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Interim Director

Published on July 1 and 8, 2010

POA
Actuals

Type	WR #	Owner	Source	TRS	NWSE	Total
Right	32 10030	E MARLOWE GOBLE,	GROUND WATER	12N33E6	X	0
Right	32 53	E MARLOWE GOBLE,	MEDICINE LODGE CREEK	12N33E6	4.7	4.7
Right	32 2061	E MARLOWE GOBLE,	MEDICINE LODGE CREEK	12N33E6	3.6	3.6
Right	32 2084	E MARLOWE GOBLE,	SPRINGS	12N33E6	7.5	7.5
Right	32 10152	E MARLOWE GOBLE,	GROUND WATER	12N33E6	0.3	0.3
Right	32 10153	E MARLOWE GOBLE,	GROUND WATER	12N33E6	7.5	7.5
Right	32 10064	E MARLOWE GOBLE,	MEDICINE LODGE CREEK	12N33E6	X	0
App	32 13308	E MARLOWE GOBLE,	GROUND WATER	12N33E6	X	0