

WSB Mailing Checklist for Rentals

(For use on all new rental applications)

Key: Who Completes What?

CLERICAL STAFF: WK

REVIEWER:

Received Date: 1/19/2024

Latest Start Date: 10/1/2024

Renter: City of Boise

Rental Expiration Date _____

Lease/Rental Package (Y) N

Application # 2913

Agreement # _____

Water Right	Lease Contract ID
# <u>63-9758</u>	_____
# _____	_____
# _____	_____
# _____	_____
# _____	_____
# _____	_____
# _____	_____
# _____	_____
# _____	_____
# _____	_____
# _____	_____
# _____	_____
# _____	_____
# _____	_____
# _____	_____

Applicant Authorized? (Y) N

Map of POU and POD (Y) N

POD consent? (Y) / N

ESPA Modeling? (Y/N) (NA)

Application Complete? (Y) N

Minimum Checklist in database? ☐

Request for additional information letter sent: (Y) NA

WSB Action Request for deficiencies ☐

Comments:

Mailings (per application)

Original

CC

Email or Address

Renter: City of Boise

☐
☐

Attorney: _____

☐
☐

Consultants

Name: _____

☐
☐

Conveyance Entity: _____

Ex. Irrigation Dist. of Canal Co.

(final only)

☐

(Ground) Water

Dist: _____

(final only)

☐

Other: _____

WD Snake 01, Boise, Payette, and Bear River

(final only)

☐

Region: _____

(final only)

☐

Watermaster: _____

(final only)

☐

Compliance: _____

(final only)

☐

Resolving NOV? (Y) / N

#

Call up Date: _____

DO NOT SCAN



IDAHO DEPARTMENT OF
WATER RESOURCES

322 E Front Street, Suite 648, Boise ID 83702 • PO Box 83720, Boise ID 83720-0098
Phone: 208-287-4800 • Fax: 208-287-6700 • Email: idwrinfo@idwr.idaho.gov • Website: idwr.idaho.gov

Governor Brad Little

Director Mathew Weaver

September 24, 2024

CITY OF BOISE
ATTN ROBIN LEE-BEUSAN
150 N CAPITOL BLVD
BOISE ID 83702

**RE: RETURNED APPLICATION TO LEASE WATER RIGHT NO(S). 63-4037 & 63-9758 TO
THE WATER SUPPLY BANK; AND
RETURNED APPLICATIONS TO RENT WATER FROM THE WATER SUPPLY BANK**

Dear Applicant:

The Department of Water Resources (Department) received your written request on September 6, 2024, for the withdrawal of your applications to lease water rights to the Water Supply Bank (Bank), and for the withdrawal of your two applications to rent the each of the two water rights from the Bank, all with requested start dates in 2024.

This letter is notice that the attached application(s) to lease water to the Bank are returned per your request. Department resources were expended in order to provide a full review of your lease applications. Therefore, the lease application filing fees will not be refunded.

Please note the forfeiture period is not tolled unless a right is accepted into the Bank, or unless an exception or defense to forfeiture applies as described under Idaho Code § 42-223. If forfeiture is a concern, you may consider filing an Application for Extension of Time to Avoid Forfeiture of a Water Right form. This and other water right forms are available from the Department's web site at www.idwr.idaho.gov.

If you have any questions, please contact me at (208) 287-4936.

Sincerely,

Mary Condon
Water Supply Bank Coordinator

Enclosures: Lease Application 2912;
Rental Application 2913;
Rental Application 3008.



PUBLIC WORKS DEPARTMENT

MAYOR: Lauren McLean | DIRECTOR: Stephan Burgos

RECEIVED

SEP 06 2024

Department of Water Resources

September 6, 2024

Phill Hummer
Water Rights Section Manager
Idaho Department of Water Resources
322 E Front Street
Boise, ID 83702

Re: Lease Application No. 2912—Withdrawal of Application

Dear Phill:

The City of Boise is submitting this letter to formally withdraw Lease Application No. 2912 from the Water Supply Bank leasing process. At this time, the City has decided to discontinue the process of submitting water rights 63-4037 and 63-9758 to the Water Supply Bank.

Please remove these lease applications and the associated rental applications from IDWR's internal review process. If you have any questions, please contact me at 208-608-7474 or at rlleebeusan@cityofboise.org.

Thank you,

Robin Lee-Beusan
Water Resources Program Coordinator
City of Boise

STATE OF IDAHO
WATER RESOURCE BOARDRECEIVED
JAN 19 2024
DEPARTMENT OF
WATER RESOURCESAPPLICATION TO RENT WATER
FROM THE BOARD'S WATER SUPPLY BANKApplicant Name: City of Boise

Is this application being submitted with a lease application as a lease/rental package?

Yes ☒ No ☐

If yes, specify companion water rights in Section 4

This application must be completed according to the minimum requirement checklist below. This checklist is part of the rental application and must be included with the rental application. **Applications that do not meet the minimum requirements will not be placed in the processing queue and may be returned until all minimum requirements have been met.**

Rental applications should be submitted well in advance of the desired start date for the use of rental water. Rental applications may be processed as early as November 1 of the year prior to the intended use of rental water. Any rental application received on or before November 1 for use in the next year will be assigned a received date of November 1. Rental applications submitted more than one year in advance of the proposed start date for the use of rental water will not be accepted and will be returned to applicants. Rental applications may be returned to applicants if the desired start date for the use of rental water cannot be accommodated by the Water Supply Bank. Rental requests will not be accepted once the rental season of use period has concluded.

One rental application per beneficial use of water. For multiple beneficial uses of water, separate rental requests should be submitted for each unique beneficial use of water. One rental application can be submitted if you propose to rent water from multiple sources.

For additional instructions on completing a rental application, visit the Bank's website at http://idwr.idaho.gov/water_supply_bank.

MINIMUM REQUIREMENT CHECKLIST

Check All Items as Either Attached (Yes) or Not Applicable (N/A)

Yes

- ☒ Completed *Application to Rent Water from the Board's Water Supply Bank*
- ☒ Confirmation that this form has been printed single sided, per requirement of the Water Supply Bank

Attachment N/A Yes

- 2 ☒ A map showing the proposed point(s) of diversion, place(s) of use, and water diversion and distribution systems proposed to be used with your rental request
- 3A ☐ ☒ Detailed information on a proposed use of rental water
- 3F ☒ ☐ Authorization from the owner/operator of the rental point(s) of diversion
- 3H ☒ ☐ Water modeling to account for the impacts of the rental request
- 3J ☒ ☐ Documents justifying a rate of flow greater than 0.02 cfs/acre
- 3K ☒ ☐ Authorization from the owner/operator of the property at the proposed rental place(s) of use
- 4B ☐ ☒ Explanation of how the rental water will sufficiently accomplish your rental purposes
- 4C ☒ ☐ Explanation of consumptive use amounts for water rights experiencing a change in nature of use

Department Use Only – Proposed Water Right(s)

63-9758

COPY

**STATE OF IDAHO
WATER RESOURCE BOARD**

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant City of Boise

Mailing Address <u>150 N Capitol Blvd</u>	Boise	ID	83702
Street	City	State	Zip Code

Email Address sarkle@cityofboise.org Phone Number 208-608-7637

B. Is this application being completed by an authorized representative on behalf of the applicant? Yes ☒ No ☐

If yes, representatives (includes company employees if the applicant is a corporation, as well as legal counsel or consultants) should provide their information below if they desire to be included on correspondence with the rental applicant.

Representative Robin Lee-Beusan Professional Title Water Resources Prog. Coord.

Organization City of Boise Relationship to Applicant Employee

Mailing Address 150 N Capitol Blvd, Boise, ID 83702

Email Address rleebeusan@cityofboise.org Phone Number 208-608-7474

2. MAP

Create a map of the proposed point(s) of diversion, place(s) of use and water diversion, delivery and distribution systems. Make sure the rental place of use is outlined and annotated with legal land descriptions (Township, Range, Section and Quarter-Quarters) or with GPS coordinates. For irrigation purposes, mark the number of acres you desire to irrigate. Attach the map to this application and label it **Attachment 2**.

3. DESCRIPTION OF PROPOSED USE FOR RENTAL WATER

- A. Describe why you desire to rent water and provide a detailed description of your proposed use. If the proposed use is not for irrigation, describe in detail how you determined the amount of rental water required. If the space below is insufficient, attach additional sheets as required and label them **Attachment 3A**:

The City of Boise currently irrigates Quail Hollow Golf Course (QHGC) primarily from ground water and Stewart Gulch Park (SGP) primarily with municipal drinking water. This rental will allow for irrigation of both facilities primarily with cold ground water while the City works to bring Boise River surface water to both facilities.

- B. Enter the desired and/or minimum rates of flow, volume, or irrigable acres requested for your rental purposes:

Desired Rate (Cubic Feet/Second)	Desired Volume (Acre-Foot)	Minimum Rate* (Cubic Feet/Second)	Minimum Volume* (Acre-Foot)	Desired Acres (if applicable)
0.56 CFS	265.3 AF	0.31 CFS	265.3 AF	85.0 AC

* Sometimes water rights provide an exceptionally low rate per acre and/or low volume per acre. This section is meant to establish an acceptable range of water sufficient for your proposed water use. Please see question 4B and complete if necessary.

- C. This section must be completed in full. Enter the proposed start date and latest possible start date for using rental water as well as the number of years you would like to rent water. The latest possible start is the latest possible date by which you would be willing to pay for a rental and be able to benefit from utilizing rental water.

Desired Start Date (month/day/year)	Latest Possible Start Date (month/day/year)	*Mark Desired Rental Duration (Calendar Years)					**Applicant's preference if rental application cannot be processed prior to the latest possible start?	
3/1/2024	10/1/2028	☐ 1	☐ 2	☐ 3	☐ 4	☒ 5	☒ Process application as soon as possible	☐ Return application to applicant

* The number of years permissible for a rental is subject to the lease contract duration for the water right(s) being rented.

** Per Idaho Code 42-201, it is unlawful to divert or use water without a valid water right. Water Supply Bank rental applicants are not authorized to utilize rental water prior to the execution of an approved rental agreement. Rental requests may be returned to applicants if no water is available from the Bank to fulfill a rental request.

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

- D. Describe your water distribution system and how rental water will be delivered from the point(s) of diversion (POD) to the proposed place of use (POU):

Low temperature geothermal (LTG) ground water is pumped from wells at the golf course and cold ground water is pumped from a well on 36th Street. Water is pumped to a pond from which a pressurized irrigation system runs.

- E. Describe the physical type (pump, headgate, etc.) and location of the POD from which rental water is proposed to be diverted:

POD Description	Water Source	Other Water Rights Diverted from this POD
36th Street Well	Cold Ground Water	None
Lower Nibler Well	LTG Ground Water	63-4037
Upper Well	LTG Ground Water	None

If the POD(s) above are located where water is turned into a canal, lateral or ditch, or if they are located on your property but are serviced by water that is delivered via a canal, lateral or ditch, your rental request must include documented authorization from all relevant canal companies, irrigation districts and/or water delivery entities, confirming that they consent to your diversion of water from their system.

- F. Has documented consent from all relevant water delivery entities been obtained? Yes ☐ N/A ☒

If yes, include documented consent as Attachment 3F.

- G. Do any POD(s) identified in Question 3E divert from a water source that may require water modeling? Yes ☐ No ☒

Refer to the Water Modeling Requirements Information Sheet to determine if a rental POD may require water modeling.

- H. Has water modeling been provided with your rental request? Yes ☐ N/A ☒

If yes, label modeling Attachment 3 H.

Rental applications that require modeling will be returned if modeling is not provided.

- I. Specify the desired beneficial use of water and the requested season of use or number of acres required:

- ☒ Irrigation 85 (number of acres) Duration: Subject to IDWR standard seasons of use
- ☐ Commercial from: _____ (mm/dd) to: _____ (mm/dd)
- ☐ Stockwater from: _____ (mm/dd) to: _____ (mm/dd)
- ☐ Industrial from: _____ (mm/dd) to: _____ (mm/dd)
- ☒ Other: diversion to storage; irrigation from storage from: 03/01 (mm/dd) to: 10/31 (mm/dd)

- J. For irrigation uses, do you propose to divert water at a rate greater than 0.02 cfs/acre? N/A ☐ Yes ☐ No ☒

If yes, justify the rate of flow and attach any supporting documents as Attachment 3J. Justification may include information on soil composition, conveyance losses, crop type, irrigation systems, public access areas, etc. A rate of 0.03 cfs/acre is permissible for irrigation of 5 acres or less.

- K. Do you own the land at the proposed rental place of use (POU)? Yes ☒ No ☐

If no, attach documentation from the POU owner/operator confirming your authorization to use the POU and label it Attachment 3K.

- L. List all other water rights and sources of water at the rental place of use for the same purpose, including privately owned water rights and water received from a municipal supplier, an irrigation district, a canal company or any other water delivery entity. Explain why additional water is required:

Water rights 63-4037, 9758 and 21875 (irrigation of QHGC) and water right 63-32598 (irrigation of SGP). Ground water cannot presently be used at Stewart Gulch Park. Boise River water is not yet deliverable to either facility.

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

4. RENTAL REQUESTS FOR SPECIFIC WATER RIGHTS

A. Are you requesting to rent specific water rights?

Yes ☒ No ☐

If yes, specify below the elements of the water rights you are requesting to rent. If no, continue to Question 4B.

Important Information: Diversion rates and volumes sought for rent must be proportionate to the per acre diversion rates and per acre volume limits of the water right under lease contract to the Water Supply Bank. Prior to completing this section, applicants should review all water right lease contracts and any active rental agreements to determine which elements of a water right are available to satisfy a rental request. Lease and rental documents are searchable via [IDWR's website](#).

Water rights identified below must either already be leased to the Bank or a lease proposal should accompany this rental request. **Rental requests for water rights not yet leased to the Bank will be returned if companion lease applications are not provided with the rental request.** For leased rights featuring combined limits, rentals must be consistent with combined diversion rate, volume or acre limits. Combined limits should be listed on a row below water right numbers.

Water Right Elements Leased to Water Supply Bank					Leased totals, minus water right elements involved in active rental agreements, equals water right elements available for rent	Water Supply Bank Rental Request		
Water Right Number (leave blank if sub-total of combined limits)	Nature of Use	Diversion Rate (CFS)	Volume (AF)	Acres (AC)		Diversion Rate (CFS)	Volume (AF)	Acres (AC)
63-9758	Irrigation	1.31	497	110		0.56	265.2	85
Applicants must ensure the requested rate per acre and volume per acre do not exceed the rate per acre and volume per acre limits of water rights leased to the Water Supply Bank					TOTAL	0.56	265.2	85
						CFS	AF	AC

**Attach multiple copies of this page if space above is insufficient to list all water rights requested to be rented on this application.*

B. If water right conditions, combined limits, or the sum of all water right elements being requested provide an unconventional duty of water (e.g., an unusually low rate per acre or volume per acre for irrigation use), explain how your proposed rental will sufficiently accomplish your intended purposes. Attach a separate page if space is insufficient and label it **Attachment 4B**:

See Attachment 4B for explanation.

C. Does your rental request propose to change the nature of use for any water right(s) being rented?

Yes ☐ No ☒

If yes, explain how the water right(s) will be converted to new uses. Include the historic, consumptive use amounts for the water right being rented if you have it, as well as the new consumptive use amount for your proposed beneficial use. If space below is insufficient, attach a separate page and label it **Attachment 4C**:

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

5. ADDITIONAL INFORMATION

- A. Is this the first time that rental water is being requested for this purpose at the rental place of use? Yes ☒ No ☐
If no, list previous rental requests/agreements and explain why you have not secured a permanent water right for your needs:

- B. Have you or do you intend to submit an application for permit or transfer proposing a similar use as this rental? Yes ☒ No ☐
If yes, describe:

Once surface water is brought to Stewart Gulch via the Boise City Canal, ground water will become a secondary source of irrigation water for both QHGC and SGP. The City anticipates submitting a transfer in the future to add the well on 36th Street as a back-up, secondary point of diversion for SGP.

- C. Was this rental application submitted in response to a Notice of Violation (NOV) or a pending NOV? Yes ☐ No ☒
If yes, describe the date and location of the NOV.

- D. Additional Information

This rental will allow for continued use of ground water for irrigation of City of Boise facilities in Stewart Gulch while the City works to bring Boise River surface water to those facilities. Once river water is deliverable, ground water use will be reduced and retained only to provide a backup, secondary supply to Boise River water.

DECLARATION

I hereby assert that 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. I understand that if this rental application is approved, it will be subject to the provisions of Section 42-1766, Idaho Code and all applicable state and federal laws. I understand that the submission of a rental application provides no guarantee for approval of a rental agreement. I also understand that, per Idaho Code 42-201, it is unlawful to divert or use water without a valid water right and that I am not authorized to utilize water as proposed in this application prior to the execution of an approved rental agreement.

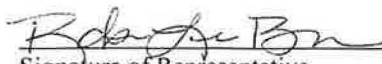

Signature of Applicant

Doug Holloway

Printed Name of Applicant

1/16/2024

Date


Signature of Representative

Robin Lee Beusan

Printed Name of Representative

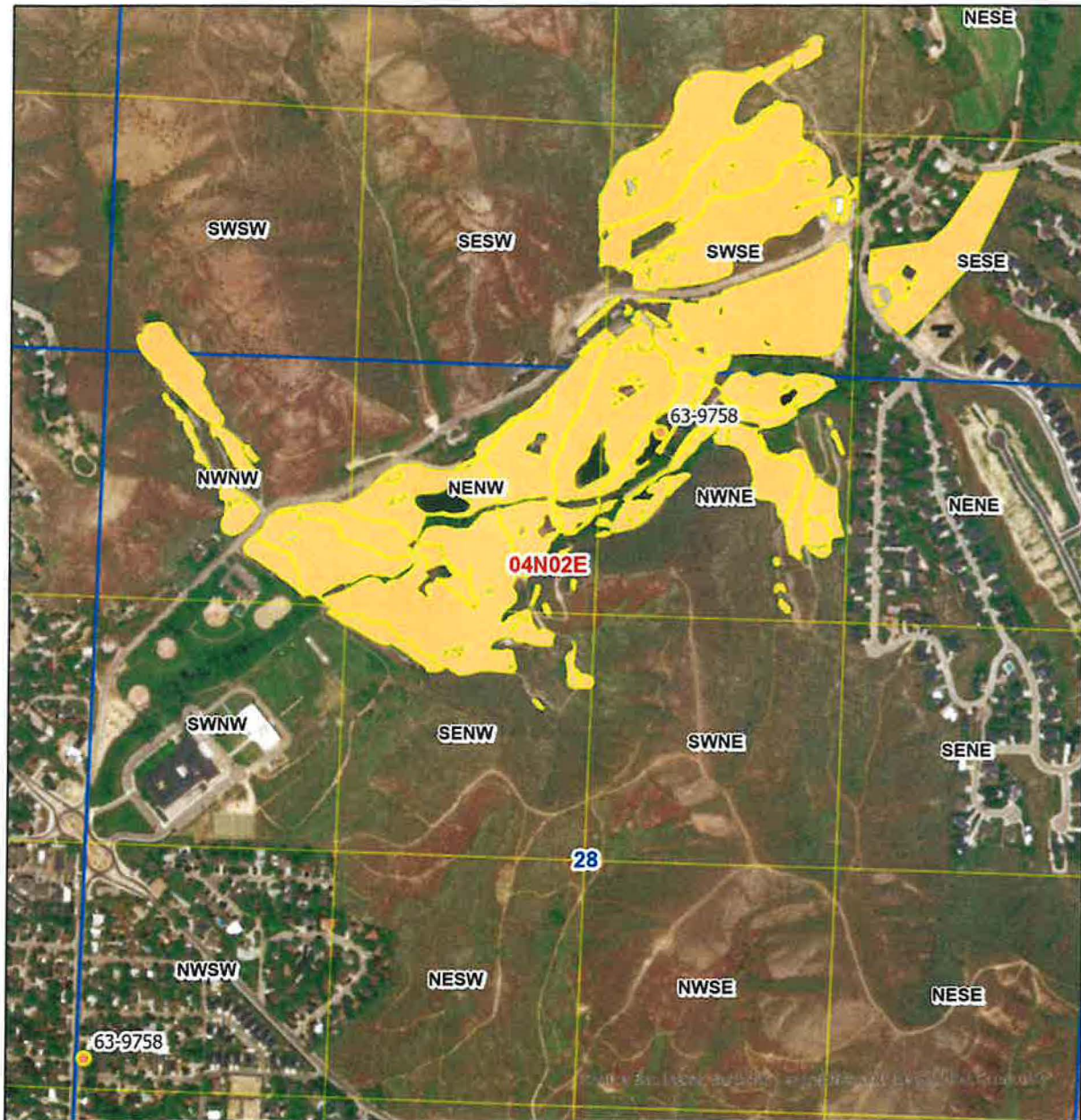
1/19/2024

Date

Mail to:

Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83720-0098

Water Right 63-9758 Rental Request



- Township & Range
- Sections
- QQs & GLs
- WR 63-9758 Rental POU
- WR 63 9758 Rental PODs

0 0.05 0.1 0.2 Miles



Attachment 4B for Application to Rent Water Right 63-9758

Quail Hollow Golf Course ("QHGC") was developed over time using water from different sources. The first water right developed for irrigation of what is now QHGC was low temperature geothermal ("LTG") water right 63-4037. LTG ground water was diverted from what is known locally as the "Lower Well" or "Nibbler Well" to a pond where water was allowed to cool before being used to irrigate the facility. Water right 63-4037 authorizes irrigation of 51.5 acres.

The second water right developed at QHGC was Stewart Gulch Creek surface water right 63-21875, which authorizes irrigation of 31.2 acres. Stewart Gulch Creek is backed up using a check structure that raises the creek sufficiently to allow for diversions of water through a 12-inch pipe into the same pond supplied with ground water from 63-4037. Together, water rights 63-4037 and 21875 authorize a combined total irrigation of 86.7 acres.

The third water right developed at QHGC was LTG ground water right 63-9758. Transfer 4804 authorized cold water from a well on 36th street as an alternative source for water right 63-9758 and required cold ground water be used first, with LTG ground water only being used when cold ground water supplies (and creek water) were insufficient. Since IDWR's approval of Transfer 4804, cold ground water has been the primary source of water supplied to QHGC.

Water rights 63-4037 and 9758 are combined limited to a less-than-additive diversion rate, volume and acreage. Because water right 63-4037 is senior to water right 63-9758, the exclusive irrigation value of LTG ground water for 63-9758 can be calculated by subtracting from its total values the diversion rate, volume and acreage of water right 63-4037. Alternatively, because cold ground water can only be diverted under 63-9758, the cold ground water value of 63-9758 is the total combined limited value of both rights 63-4037 and 63-9758. This information is summarized in the tables below:

WR	Priority	Source	Use	Div. Rate (CFS)	Div. Vol (AF)	Acres	Acres	Rate/AC	Vol/AC
63-4037	4/7/1937	LTG Ground Water	Irrigation	1	231.75	51.5	110	0.019	4.5
63-9758	3/19/1996	LTG & Cold Ground Water	Irrigation	1.31	495	110	110	0.012	4.5
			Aesthetic		2				
				1.31	497	110	110		
combined				1.31	497	110			
63-9758	3/19/1996	LTG Ground Water	Irrigation	0.31	263.25	58.5	110	0.005	4.5
			Aesthetic		2				
				0.31	265.25	58.5	110		
63-9758	3/19/1996	Cold Ground Water	Irrigation	1.31	495	110	110	0.012	4.5
			Aesthetic		2				
				1.31	497	110	110		

During 2024, Boise Parks & Recreation ("P&R") Department staff expect a maximum need from cold ground water will be 86.5 thousand gallons, or 265.3 af. P&R staff also expect some LTG ground water use may be required. The highest volume of LTG ground water use recently diverted was 7.1 af in 2021. Because LTG ground water can only be used when cold ground water is insufficient, the overall total ground water use for irrigation of QHGC from both ground water sources will not exceed 265.3 af, and a maximum of 7.1 af might be annually diverted, only if necessary, from LTG ground water.

The variable frequency pump currently supplying cold ground water to QHGC from the 36th Street well will operate at 250 gallons per minute, or 0.56 cubic feet per second (CFS), which is expected to be sufficient for providing the necessary volume to the golf course during the upcoming irrigation seasons. The pump supplying LTG ground water to QHGC cannot divert at such a high speed, thus the maximum diversion rate from both LTG and cold ground water during the term of the proposed rental is 0.56 cfs.

Although water right 63-9758 is junior to water right 63-4037, it is the only water right that authorizes diversions of cold ground water. Because cold ground water will be the primary source of water for irrigation during the start of this rental request (with LTG ground water only being diverted when cold ground water is insufficient), the City is requesting to rent only water right 63-9758 for continued irrigation at QHGC while the City works to bring canal water to Stewart Gulch. Water Right 63-4037 is not proposed to be rented. The overall irrigation rental request for QHGC will be as follow:

Continued Water Use @ QHGC Through Rental									
WR	Priority	Source	Use	Div. Rate	Div. Vol (AF)	Acres	Acres	Rate/AC	Vol/AC
63-4037	4/7/1937	LTG Ground Water	Irrigation	0.31	5.1	58.5	110	0.005	0.09
		LTG Ground Water	Aesthetic						
63-9758	3/19/1996	Cold Ground Water	Sub-Total	0.31	7.1	58.5			
			Irrigation	0.56	263.3	58.5	110	0.010	4.5
			Aesthetic	0	2				
			Sub-Total	0.56	265.3	58.5	110	0.010	4.5
combined				0.56	265.3	58.5	110	0.010	4.5
63-21875	3/15/1943	Stewart Gulch Creek	Irrigation	0.38		31.2	110	0.012	0.0
WRs 63-21875 + 9758 combined				0.94	265.3	89.7	110	0.009	3.0

It should be noted the primary purpose of storing water in the ponds will be for irrigation uses. Because water right 63-9758 authorizes an aesthetic use in conjunction with irrigation uses, so too does this rental request some ground water diverted to the pond for irrigation uses may be characterized as an aesthetic use. However, any such aesthetic use is entirely incidental to a primary irrigation use of water.

Further, because water right 63-9758 only authorizes a standalone ground water diversion rate of 0.31 cfs and 265.3 af (absent additional diversions under 63-4037), the maximum diversion rate and volume possible for an exclusive rental of water right 63-9758 is calculated to be 0.31 cfs and 265.3 af. Because a diversion rate of 0.56 cfs (for cold ground water) is requested under this rental, the City acknowledges the maximum diversion rate for the lease of water right 63-4037 should be reduced by 0.25 cfs (0.56 – 0.31) to avoid an enlargement in water right 63-4037 during the term of the rental of 63-9758.

The exclusive irrigable acreage extent from ground water through a rental of water right 63-9758 is proposed to be no more than 58.5 acres. When supplemented with water right 63-21875, total irrigation should not exceed 89.7 acres. Through recent facility enhancements at QHGC, including improvements in irrigation infrastructure, a maximum irrigation extent at the golf course is calculated to be 79.3 acres. Accordingly, the overall irrigation extent associated with ground water diversions authorized under this rental request will be limited to not exceed irrigation of 79.3 acres at QHGC.

The City has an additional P&R facility in Stewart Gulch (Stewart Gulch Park, or "SGP") that it intends to also irrigate primarily with BCCC surface water, through a connection from SGP to the pressurized irrigation system at QHGC. The park is approximately 6.0 acres in size and Stewart Gulch Creek water right 63-32598 is appurtenant to the site. The City calculates the irrigation extent of SGP at 5.7 acres.

Presently, SGP is being irrigated with potable municipal water provided by Veolia. In acknowledgement that the City intends to intertie the pressurized irrigation system of SGP with that of QHGC, it is requested that SGP be included as a rental place of use (POU) under this request. Inclusion of 5.7 acres at SGP with the 79.3 acres at QHGC results in a total rental irrigation request of 85.0 acres.

Finally, ground water will mostly be diverted and delivered to the irrigation pond during the day with irrigation occurring largely at night and there will be very little storage of water over a 24-hour period, as most water pumped up will be used and the cycled through the pressurized irrigation systems at both sites, though some water might be retained in the ponds for more than 24 hours. Accordingly, a diversion to storage and irrigation from storage component is proposed on the rental application, though the City will be satisfied if it request is approved as an irrigation only rental that does not include diversion to storage or irrigation from storage elements.



PUBLIC WORKS DEPARTMENT

MAYOR: Lauren McLean | DIRECTOR: Stephan Burgos

RECEIVED

JAN 19 2024

DEPARTMENT OF
WATER RESOURCES

January 19, 2024

Mary Condon
Water Supply Bank Coordinator
Idaho Department of Water Resources
322 East Front Street, Boise, ID 83702

Dear Mary,

Please find enclosed three Water Supply Bank applications, two for the lease of water rights 63-4037 and 63-9758, as well as one for a rental of water right 63-9758. In alignment with the water stewardship objectives of both the State Water Plan and Boise City Code, these lease and rental applications are being submitted by the City of Boise ("City") to maintain irrigation from ground water practices at Quail Hollow Golf Course ("QHGC") while the City works to source switch the golf course from ground water to Boise River surface water, which in the future will become the primary water supply for the facility. The applications also request an authorization to temporarily irrigate Stewart Gulch Park ("SGP") with ground water, so that SGP can be connected to the pressurized irrigation system at QHGC beginning in 2024.

Presently, QHGC is primarily irrigated with cold ground water supplied under water right 63-9758. A small amount of low temperature geothermal (LTG) ground water is also used for irrigation purposes, supplied under water rights 63-4037 and 9758. A limited amount of surface water is available for irrigation from Stewart Gulch Creek at both QHGC and SGP under water rights 63-21875 and 63-32598, respectively, however ground water use is not presently authorized at SGP. Ground water is the currently reliable primary water source for irrigation in Stewart Gulch as Stewart Gulch Creek water is a limited and inconsistent supply and Boise River water is not yet available.

The City intends to begin engineering and construction work in 2025 to bring Boise River water to both QHGC and SGP via a pump and pipeline connection from the Boise City Canal on 36th Street. Over the coming years, the City will begin to decrease its use of ground water for irrigation at QHGC, however it anticipates a small amount of ground water will be retained in the future as a secondary, back-up supply. The exact size of the back-up ground water supply required to be retained is not yet determined. Accordingly, the City desires to fully lease into the Water Supply Bank the entirety of its ground water supplies, to avoid comingling ground water rights 63-4037 & 9758 with Boise River canal surface water supplies. The City proposes to rent back a significant amount of ground water use under water right 63-9758, for continued irrigation at QHGC and SGP, while it works to bring canal water to QHGC and SGP.

2912 + 2913

Detailed descriptions of water use and irrigation practices are summarized in attachments to the applications, however the City has historically irrigated QHGC with ground water; in the beginning, low temperature geothermal (LTG) wells provided the primary water supply for the golf course, and more recently, cold ground water sourced from a well on 36th street has become the primary supply. The City is a signatory to legal agreements with Stewart Gulch LTG water users requiring it use cold ground water first, prior to any use of LTG ground water for irrigation purposes, though the City has maintained use of LTG ground water even as cold ground water became the primary water source.

The City is requesting a temporary, five-year lease-rental of water right 63-9758 so that it can continue to irrigate QHGC primarily from its cold ground water well, while it works to bring Boise River surface water to the facility. A small portion of LTG ground water is also requested to be rented, to provide a back-up supply in the event cold ground water supplies prove to be insufficient for irrigation needs. At the end of the proposed lease-rental term, Boise River canal water is expected to be the primary water supply for the golf course and Stewart Gulch Park.

The City thanks you for your review of our applications. Please feel free to contact me if you have any questions.

Sincerely,



Robin Lee-Beusan
Water Resources Program Coordinator

Attachments: Lease application for water right 63-4037, lease application for water right 63-9758, rental application for water right 63-9758.

