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FORM 202 Rev. 09/16

WATER RESOURCES
WESTERNIA BETON A HODEPARTMENT OF
DEPARTMENT OF WATER RESOURCES

Ident. No. 6334701

## **APPLICATION FOR PERMIT**

To appropriate the public waters of the State of Idaho

1.	Name	of applic	ant(s)	Island	Wood	s Hom	eowne	rs Association, Inc	<u> </u>	Phone 208-869-2494		
		addres		Nan	ne connec	ctor (che	ck one):	and or a	nd/or		9	
	State !!	D	2		ZIP	33616		Email				
2.										Phone 208-287-0991		
	Mailing	addres	s 380 S	S. 4th	St., Ste	e. 103				City Boise	9	
								Email <sup>(</sup>				
	<ul> <li>a.  Send all correspondence for this application to the representative and not to the applicant OR</li> <li>Send original correspondence to the applicant and copies to the representative.</li> </ul>										)R	
	b. 🛭 1	The repre	esentat esentat	tive ma	y subr authori:	nit info zed to	rmatior sign fo	n for the applicant b the applicant, Atta	ut is not authorized ch a Power of Attor	to sign for	r the applicant OR er documentation.	
3.	Söurce	of wate	r supp	ly <u>Gro</u> u	und Wa	ater		whic	h is a tributary of 🖺	oise River	•	
4.	Locatio	n of poi	nt(s) of	f divers	sion: P	ond C	entroid	s				
	Twp	Rge	Sec	Govt	1/4	1/4	1/4	County	Source	- Constant	Local name or tag #	
	4N	1E	16	6		NE	sw	Ada	Ground Wa	ater	Pond 4	
				5		NW	SW	Ada	Ground Wa	ater	Pond 1	
				5		NW	SW	Ada	Ground Wa	ater	Pond 2	
				5		NW	SW	Ada	Ground Wa	ater	Pond 3	
	Amoun	(cfs or aci	re-feet pe re-feet pe	r year) fo r year) fo	r			ригр	oses from	_ to	(both dates inclusive) (both dates inclusive) (both dates inclusive)	
6.	Total qu	uantity to	o be ap	propri	ated is	(a) _		cubic feet per sec	ond (cfs) and/or (b	)315.5	_ acre-feet per year (af).	
7.	Propos											
	a. Des	cribe typ 0 feet. F	e and Ponds	size of will nat	device urally	es use interce	d to div	vert water from the llow ground water o	source. 15 acres due to close proxin	of ponds w	vith an average depth Boise River	
	300 dam		acı	re-feet ore in h	If the eight A	reserv AND h	oir will l aving a		once each year, de f 50 acre-feet or m	scribe the ore, subm	t; total reservoir capacity refill plan in item 12. For it a separate Application	
								ches; proposed de				
								r than 85°F being s				
	well	was drill	led for	(well o	wner)				; Drilling	Permit No	)	
Rec Fee	eived by	100	Rec	eipted	by	Date _	4/2	pr Department Use Time Receipt No.	11:15 Preli	minary che	ck by	

# STATE OF IDAHO DEPARTMENT OF WATER RESOURCES

☐ Adjudication Claim

☐ Statutory Claim

## Point of Diversion/Place of Use Supplement

□ Application for Transfer\*\*

☐ Beneficial Use Field Report

New POD?	Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or well/diversion tag #
☐ Yes	4N	1E	16			SW	sw	Ada	Ground Water	Pond 9
☐ Yes						sw	SW	Ada	Ground Water	Pond 10
☐ Yes						sw	SW	Ada	Ground Water	Pond 11
☐ Yes				6		SE	SW	Ada	Ground Water	Pond 5
☐ Yes				6		SE	SW	Ada	Ground Water	Pond 6
☐ Yes				6		SE	SW	Ada	Ground Water	Pond 7
☐ Yes				6		SE	SW	Ada	Ground Water	Pond 8
☐ Yes				6		SE	SW	Ada	Ground Water	Pond 12
☐ Yes										
☐ Yes										

## Description of place of use (POU):

Attachment to: Application for Permit to Appropriate Water

☐ Application for Amendment of Permit

- 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.

TWP	RGE	SEC		N	E			N	W			S	W			S	E		TOTALS
			NE	NW	sw	SE	IOTALS												
												22							
											-								
																	,		
												19							
					-		-		-	-				-	-				

<sup>\*\*</sup>If this supplemental sheet is for an Application for Transfer, insert this page into Part 1B of the application.

Page	
3-	

a. Hydropower, show total feet of head and proposed capacity in kW.  b. Stockwatering; list number and kind of livestock. c. Municipal; must complete and attach the Municipal Water Right Application Checklist. d. Domestic; show number of households e. Other; describe fully. Resulting ponds from subdivision development  9. Description of place of use: a. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the correspond of use below. See instructions for standard symbols.  TWP RGE SEC NE NE NW SW SE NE		Description of proposed uses (if irrigation only, go to item 9):  a. Hydropower: show total feet of head and proposed capacity in kW																			
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### APPLICATION NARRATIVE AND PROPOSED MITIGATION

Applicant seeks water right coverage for 12 existing ponds located within Island Woods Subdivision. The ponds are assumed to be in direct hydraulic connection with the adjacent Boise River, and evaporation from the ponds is assumed to result in an equivalent depletion to river flow. Mitigation to Boise River flows is required to offset the evaporative losses from the ponds and will be accomplished by leaving 0.10 cfs of Thurman Mill water right 63-30130 in the river undiverted. Water-bearing zone to be appropriated is from 0 to 20 feet.

## **Mitigation Calculations**

**Evaporative Loss Data.** The ponds surface area will cover an area of approximately 15 acres. The evaporation loss and subsequent depletion rate to river flows can be estimated based on the ET Idaho (<a href="http://data.kimberly.uidaho.edu/ETIdaho/">http://data.kimberly.uidaho.edu/ETIdaho/</a>) precipitation deficit tables for the Boise Airport weather station. The ponds have average depths of approximately 20 feet, consistent with "deep systems" (i.e., lakes and reservoirs with depths in excess of 13 feet). Evaporation data for deep systems based on Boise Airport weather station data are provided as Table 1.

**Evaporative Volume Requiring Mitigation.** The annual evaporation volume from the 15 acres of pond surface will be approximately 15.5 acre feet (Table 2), but the irrigation season (April-October) evaporative loss is slightly less at 15 acre feet. We assume that only the irrigation season evaporative loss must be mitigated.

**Historical Consumptive Volume from Mitigation Water Right.** The annual precipitation deficits (i.e., consumptive volumes) for typical crops historically grown in the Thurman Mill service area are listed in Table 3, and average 3.03 acre feet per acre. Assuming an average precipitation deficit of 3.03 acre feet per acre, the 15 acre-foot irrigation season evaporative loss from the ponds is equivalent to the annual consumption from 5 irrigated acres within the Thurman Mill service area. Therefore, 5 acres (shares) of water are required to mitigate evaporative volume.

**Delivery Volume from Mitigation Water Right.** Water right 63-30130 has a priority date of June 1, 1868. In a typical year, water right 63-30130 might be 100 percent deliverable through June and 60% deliverable through October; for this delivery schedule, a 0.10 cfs portion of the right would yield an annual volume of approximately 32.7 acre feet (Table 4). Upon transfer, the 32.7 acre foot delivered volume will be more than adequate to supply the 15 acre foot annual consumptive volume.

**Mitigation Water Right Flow Rate.** The mitigation rights must be deliverable during low-flow periods. For this project, the mitigation water right must be capable of offsetting the daily evaporative loss during the peak evaporation month of July. The average peak month daily evaporative loss from 15 acres of pond surface area is 0.099 af/day, equivalent to a flow rate of 0.05 cfs (Table 2).

Table 4 and Figure 1 provide a calculation of mitigation flow and volume availability. The table shows that 0.10 cfs (10 shares at 0.02 cfs/ac) of Thurman Mill water right 63-30130 will provide 0.06 cfs of natural flow when right 63-30130 is curtailed to 60%. This flow rate is sufficient to offset the 0.05 cfs evaporation loss from 15 acres of pond surface during the peak month of evaporative loss.

**Adequacy of Thurman Mill Shares.** The Thurman Mill water right portfolio is provided in Table 5 and further described below.

- Thurman Mill holds 11 Boise River water rights of varying priorities with a total diversion rate of 35.64 cfs. The water rights supply 1773.8 acres at full delivery for an average delivery rate of 0.020 cfs per acre. Boise River water rights with priority dates senior to approximately 1877 are considered deliverable all season, but are typically reduced to 60% under the Stewart Decree provisions during times of low natural flow in the River. At times of curtailment to 60% for rights senior to 1877, and full curtailment for rights junior 1877, the Thurman Mill Boise River water right portfolio will yield a diversion rate of 24.78 cfs.
- The Thurman Mill Boise River water rights are supplemented by 11.42 cfs of waste water from Drainage District No. 4 under water right 63-31936 and up to 20 cfs of waste water from Drainage District No. 4 under water right 63-31935. Water right 63-31936 is diverted from the Boise River at the Thurman Mill headgate, while right 63-31936 is diverted from the Junction Drain into the Thurman Mill Canal. These water rights are not reduced by the Stewart Decree, and are considered deliverable at 100% provided the drainage water is present.
- The Thurman Mill natural flow water rights are further supplemented with 800 acre feet of Lucky Peak storage.

The combination of Boise River water rights when fully curtailed to 1877 (24.78 cfs) and Drainage District No. 4 water right 63-31936 (11.42 cfs) provides 36.2 cfs to Thurman Mill's Boise River headgate which exceeds 0.02 cfs over the 1773.8-acre service area. These rights are further supplemented by Drainage District No. 4 water right 63-31935 and Lucky Peak storage. Therefore, Thurman Mill can deliver a full miner's inch per acre (0.02 cfs per acre) per share for the duration of each irrigation season.

### Conclusion

A 0.10 cfs portion of water right 63-30130 will yield adequate flow rate, diversion volume, and consumptive volume to offset evaporative losses from 15 acres of pond surface. Irrigation acres within the Thurman Mill service area will be reduced by 5 acres to recognize the proposed mitigation.

Table 1. Average daily evaporation losses (precipitation defcit, mm) from deep pond or lake systems in Boise Idaho (Source: ETIdaho2017)

				0	pen w	ater -	deep	systen	ns (lak	es, res	ervoirs)					
										- 5			Growing	Non		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Season	Growing	Annual	
														Season		
Mean						mm	/day							mm		
Monthly	-0.33	0.23	0.3	0.79	0.92	1.81	2.01	1.7	1.3	1.36	0.16	-0.39	301	0	30	
Boise WSFO A	irport (NV	vs us	C00101	022)												
Statistics base					86 to 201	L6 vear	s									

Table 2. Mitigation Water Requirement for 15-Acre Pond Area

Month	Days per Month	Mean Mon	thly Pdef	Mean Mon	thly Pdef	Evaporation Loss for 15-a Pond Surface Area			
	IVIOITEII	mm/day	mm/mo	in/day	in/mo	af/mo	af/day	cfs	
Jan	31	-0.33	-10.23	-0.01	-0.40		+		
Feb	28	0.23	6.44	0.01	0.25	0.32	0.011	0.006	
Mar	31	0.3	9.30	0.01	0.37	0.46	0.015	0.007	
Apr	30	0.7	21.00	0.03	0.83	1.03	0.034	0.017	
May	31	0.92	28.52	0.04	1.12	1.40	0.045	0.023	
Jun	30	1.81	54.30	0.07	2.14	2.67	0.089	0.045	
Jul	31	2.01	62.31	0.08	2.45	3.07	0.099	0.050	
Aug	31	1.7	52.70	0.07	2.07	2.59	0.084	0.042	
Sep	30	1.3	39.00	0.05	1.54	1.92	0.064	0.032	
Oct	31	1.36	42.16	0.05	1.66	2.07	0.067	0.034	
Nov	30	0.16	4.80	0.01	0.19				
Dec	31	-0.39	-12.09	-0.02	-0.48				
	TOTAL		298.21		11.74	15.5			
APR	IL-OCTOBE	R TOTAL				14.8			

Table 3. Annual Precipitation Deficits for Typical Crops in the Thurman Mill Service Area

	Gro	owing Season Pd	ef
Crop	(mm)	(in)	(ft)
Turf (lawn)	987	38.9	3.24
Garden Vegetables	775	30.5	2.54
Alfalfa (frequent cuttings)	960	37.8	3.15
Grass Pasture (high management)	943	37.1	3.09
Orchards (w/ground cover)	953	37.5	3.13
Average	923.6	36.4	3.03

Table 4. Typical Mitigation Water Right Delivery for 15-Acre Pond Area

Month	Days per Month	Total Mitigation Shares	cfs/share (one share = one acre)	cfs total for right 63-30130 represented by mitigation shares	% of Water Right Delivered based on Stewart Decree Cuts	Deliverable cfs for Mitigation	af/mo total for delivered mitigation shares
Jan	0		0.000	0.000	0%	0.000	0.00
Feb	0		0.000	0.000	0%	0.000	0.00
Mar	0		0.000	0.000	0%	0.000	0.00
Apr	30	5	0.020	0.100	100%	0.100	5.95
May	31	5	0.020	0.100	100%	0.100	6.15
Jun	30	5	0.020	0.100	100%	0.100	5.95
Jul	31	5	0.020	0.100	60%	0.060	3.69
Aug	31	5	0.020	0.100	60%	0.060	3.69
Sep	30	5	0.020	0.100	60%	0.060	3.57
Oct	31	5	0.020	0.100	60%	0.060	3.69
Nov	0		0.000	0.000	0%	0.000	0.00
Dec	0		0.000	0.000	0%	0.000	0.00
TOTAL							32.7

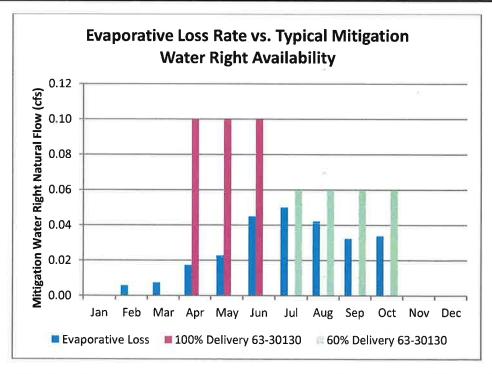


Figure 1. Mitigation Water Right Deliverability versus Evaporation Loss from 100-acre Pond

Table 5. Thurman Mill Natural Flow Water Right Portfolio

water right	Source	Priority Date	Rate (cfs)
63-135	Boise River	6/1/1864	3.30
63-30125	Boise River	6/1/1865	1.86
63-30130	Boise River	6/1/1868	15.48
63-176	Boise River	6/1/1869	1.60
63-30129	Boise River	6/1/1872	2.10
63-193	Boise River	6/1/1876	0.44
63-210	Boise River	6/1/1880	2.40
63-211	Boise River	10/20/1880	0.90
63-30131	Boise River	6/1/1882	6.00
63-221	Boise River	6/1/1883	0.90
63-250	Boise River	7/1/1895	0.66
63-31936	Waste Water	8/13/1925	11.42
63-31935	Waste Water	12/2/1940	20.00
Total			67.06
Acres (shares)		1773.8	
cfs/ac			0.03781



## PROPOSED MITIGATION PLAN FOR ISLAND WOODS HOMEOWNERS ASSOCIATION, INC. POND WATER RIGHT APPLICATION

To the Idaho Department of Water Resources (IDWR):

Thurman Mill Ditch Company ("Company") agrees to dedicate 5 shares representing 0.10 cfs of Boise River water right and idled irrigation of 5 acres to mitigate consumptive use of diversions under the above referenced application. Each share of the Company's water rights equals 1 miners inch or 0.02 cfs of Boise River water right for mitigation of one acre of irrigation at 100% delivery. The Company and Island Woods Homeowners Association, Inc. ("Applicant") agree to this mitigation plan as follows:

- The Applicant propose year-round use of shallow ground water tributary to the Boise River for aesthetic & recreation storage under a proposed application for permit. Anticipated maximum volume will be 315.5 acre feet annually comprised of 300 acre feet for storage volume and 15.5 acre feet for year round evaporative losses (14.8 acre feet during the irrigation season and 0.7 acre-feet during the non-irrigation season).
- 2. Company water right 63-30130 provides natural flow diverted from the Boise River to the Company's place of use. Mitigation for impacts to irrigation-season Boise River natural flows resulting from the Applicant's ponds will be provided by idling irrigation of 5 acres (0.10 cfs) under the Company's Boise River and associated waste water rights. To simplify the process, the 0.10 cfs of water for mitigation should be recorded in a single water right, 63-30130 with a priority date of June 1, 1868, although reduction in irrigated acres will be recorded in all Company water rights. The Boise River Watermaster will not deliver this portion of the water right to the Company headgate while this mitigation plan is in force.
- 3. The Applicant and any successors in interest of the proposed ponds' water right will hold a certificate for the water shares and pay the Company assessments for the mitigation shares every year.

By:	Thurman Mill Ditch Company
Signature:	
Title:	
Date:	
Ву:	Island Woods Homeowners Association, Inc.
Signature:	Debort millar
Title:	Peesident
Date:	4-2-2019



## PROPOSED MITIGATION PLAN FOR ISLAND WOODS HOMEOWNERS ASSOCIATION, INC. POND WATER RIGHT APPLICATION

To the Idaho Department of Water Resources (IDWR):

Thurman Mill Ditch Company ("Company") agrees to dedicate 5 shares representing 0.10 cfs of Boise River water right and idled irrigation of 5 acres to mitigate consumptive use of diversions under the above referenced application. Each share of the Company's water rights equals 1 miners inch or 0.02 cfs of Boise River water right for mitigation of one acre of irrigation at 100% delivery. The Company and Island Woods Homeowners Association, Inc. ("Applicant") agree to this mitigation plan as follows:

- 1. The Applicant propose year-round use of shallow ground water tributary to the Boise River for aesthetic & recreation storage under a proposed application for permit. Anticipated maximum volume will be 315.5 acre feet annually comprised of 300 acre feet for storage volume and 15.5 acre feet for year round evaporative losses (14.8 acre feet during the irrigation season and 0.7 acre-feet during the non-irrigation season).
- 2. Company water right 63-30130 provides natural flow diverted from the Boise River to the Company's place of use. Mitigation for impacts to irrigation-season Boise River natural flows resulting from the Applicant's ponds will be provided by idling irrigation of 5 acres (0.10 cfs) under the Company's Boise River and associated waste water rights. To simplify the process, the 0.10 cfs of water for mitigation should be recorded in a single water right, 63-30130 with a priority date of June 1, 1868, although reduction in irrigated acres will be recorded in all Company water rights. The Boise River Watermaster will not deliver this portion of the water right to the Company headgate while this mitigation plan is in force.
- The Applicant and any successors in interest of the proposed ponds' water right will hold a certificate for the water shares and pay the Company assessments for the mitigation shares every year.

Ву:	Thurman Mill Ditch Company
Signature:	
Title:	President 3/28/19
Date:	3/28/19
Ву:	Island Woods Homeowners Association, Inc.
By: Signature:	Island Woods Homeowners Association, Inc.
	Island Woods Homeowners Association, Inc.





# State of Idaho DEPARTMENT OF WATER RESOURCES

Western Region • 2735 W AIRPORT WAY • BOISE, ID 83705-5082

Phone: (208)334-2190 • Fax: (208)334-2348 • Website: www.idwr.idaho.gov

Gary Spackman Director

January 8, 2020

ISLAND WOODS HOMEOWNERS ASSOCIATION INC PO BOX 193 EAGLE, ID 83616

Application For Permit No.(s): 63-34700 & 63-34701

## Dear Applicants:

The Department of Water Resources has received your water right applications. Please refer to the numbers referenced above in all future correspondence regarding these applications.

A legal notice of the applications has been prepared and is scheduled for publication in the IDAHO STATESMAN on 1/16/2020 and 1/23/2020. Protests to these applications may be submitted for a period ending ten (10) days after the second publication.

If the applications are protested, you will be sent a copy of each protest. All protests must be resolved before the applications 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.

If the applications are not protested, the Department will process your applications and notify you of any action taken on the applications. If your applications are approved, the Department will send you a copy of the permit.

Please contact this office if you have any questions regarding these applications.

Sincerely.

Kensie Thorneycroft Administrative Assistant

CC:

MCHUGH BROMLEY PLLC



# State of Idaho DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

GARY SPACKMAN Director

January 8, 2020

THURMAN MILL DITCH CO LTD 10611 W TREELINE CT BOISE ID 83713

Re: Application for Permit No. 63-34700 & 63-34701

**Dear Interested Party:** 

The above referenced applications may be of interest to you. I would like to inform you that the applications have been submitted to the Ada County *ID Statesman* for advertising. I enclosed a copy of the applications for your convenience. This information is also available on our website <a href="https://www.idwr.idaho.gov">www.idwr.idaho.gov</a>.

If you wish to formally protest the approval of the applications, you must submit a protest with the \$25.00 protest fee to this office by **5:00 p.m., February 03, 2020**. You must also send a copy of your protest to the applicant.

If you have any questions regarding the application, please contact this office at 208-334-2190.

Sincerely,

Kensie Thorneycroft Administrative Assistant Western Regional Office

**Enclosures** 

## Thorneycroft, Kensie

From:

Thorneycroft, Kensie

Sent:

Wednesday, January 08, 2020 11:39 AM

To:

'BOI Legals'

Subject:

Ada Legal Notice

**Attachments:** 

Legal Notice.docx; Cover Letter.docx

Follow Up Flag:

Follow up

Flag Status:

Flagged

Good Morning Legal Clerk,

I am sending you the new legal notices, please send confirmation to my email.

Please see the attached ad for publication on 01/16/2020 & 01/23/2020.

Please confirm these are okay to publish as shown.

Kensie Thorneycroft Administrative Assistant 1 Idaho Dept. of Water Resources 208-334-2190 January 8, 2020

## LEGAL NOTICE DEPARTMENT

IDAHO STATESMAN PO BOX 40 BOISE, ID 83707

RE: Application For Permit No.(s): 63-34700, 63-34701, 63-34831

RE: Transfer No. 83799,

Water Right No(s): 63-146

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 2/3/2020. Your cooperation is appreciated.

Sincerely,

Kensie Thorneycroft Administrative Assistant

Enclosure(s)

The following applications have been filed to appropriate the public waters of the State of Idaho:

#### 63-34700

ISLAND WOODS HOMEOWNERS ASSOCIATION INC

PO BOX 193

EAGLE, ID 83616-6342

Point of Diversion L6(SESW) S16 T04N R01E ADA County Source GROUND WATER Point of Diversion L5(NWSW) S16 T04N R01E ADA County Source GROUND WATER Point of Diversion SWSW S16 T04N R01E ADA County Source GROUND WATER

Use: IRRIGATION 03/01 to 11/15 0.36 CFS

Total Diversion: 0.36 CFS Date Filed: 4/4/2019 Place Of Use: IRRIGATION

T04N R01E S16 L5(SWNW) L6(NESW) L5(NWSW) SWSW L6(SESW) L7(SWSE)

T04N R01E S21 L4(NWNW)

Total Acres: 24

Water bearing zone to be appropriated is 0 to 20 feet.

Mitigation is proposed for consumptive use.

#### 63-34701

ISLAND WOODS HOMEOWNERS ASSOCIATION INC

PO BOX 193

EAGLE, ID 83616-6342

(3) Point of Diversion L5(NWSW) S16 T04N R01E ADA County Source GROUND WATER

(3) Point of Diversion SWSW S16 T04N R01E ADA County Source GROUND WATER

(6) Point of Diversion L6(SESW) S16 T04N R01E ADA County Source GROUND WATER Point of Diversion L6(NESW) S16 T04N R01E ADA County Source GROUND WATER

Use: AESTHETIC 01/01 to 12/31 315.5 AF

Use: RECREATION STORAGE 01/01 to 12/31 315.5 AF

Total Diversion: 315.5 AF Date Filed: 4/4/2019

Place Of Use: AESTHETIC, RECREATION STORAGE T04N R01E S16 L6(NESW) L5(NWSW) SWSW L6(SESW) Water bearing zone to be appropriated is from 0 to 20 feet.

Mitigation is proposed for consumptive use.

#### 63-34831

TPC BROOKLYN PARK INVESTORS LLC

430 E STATE ST STE 100 EAGLE, ID 83616-5901

Point of Diversion SESW S15 T04N R01E ADA County Source GROUND WATER Tributary BOISE RIVER

Use: AESTHETIC STORAGE 01/01 to 12/31 288 AF

Total Diversion: 288 AF Date Filed: 12/16/2019

Place Of Use: AESTHETIC STORAGE T04N R01E S15 L3(NESW) L3(SESW)

Water bearing zone to be appropriated is from 0 to 45 feet. Mitigation by transfer 83799 is proposed for consumptive use.

### NOTICE OF PROPOSED CHANGE OF WATER RIGHT TRANSFER NO. 83799

NEW UNION DITCH CO LTD, PO BOX 31, EAGLE, ID 83616; has filed Application No. 83799 for changes to the following water rights within ADA County(s): Right No(s). 63-146; to see a full description of these rights and the proposed transfer, please see www.idwr.idaho.gov/apps/wr/QueryNewTransfers/QueryNewTransfers.aspx. The purpose of the transfer is to change a portion of the above rights as follows: The purpose of this transfer is to convert 0.51 cfs and 78.9 af of water from irrigation uses to diversion to storage and aesthetic storage uses for the purpose of replacing evaporation losses from one (1) 25.5-acre pond associated with Water Right 63-34831. Water will be used within the current place of use near Eagle, 0.3 miles west of the intersection of Hwy 44 and Edgewood Ln., just south of State Hwy 44, and just north of the Boise River.

Permits will be subject to all prior water rights. For additional information concerning the property location, contact Western Region office at 208-334-2190; or for a full description of the right(s) or proposed transfer (s) please see <a href="https://www.idwr.idaho.gov">www.idwr.idaho.gov</a>. Protests may be submitted based on the criteria of Idaho Code §§ 42-203A and 42-222. Any protest against the approval of the application(s) must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, ID 83705 together with a protest fee of \$25.00 for each application on or before 02/03/2020. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director Published on 1/16/2020 and 1/23/2020

## Kelly, Patrick

From:

C McHugh <cmchugh@mchughbromley.com>

Sent: To: Wednesday, December 11, 2019 10:14 AM

Subject:

Kelly, Patrick Island Woods -

**Attachments:** 

New Shares Certificate.pdf; 20191206 Island Woods Update Mit Plan.pdf

Patrick,

Here is a copy of the new shares certificate and the updated mitigation plan for the Island Woods ponds.

Is this sufficient? And, is this email adequate or do you need a hard copy? As for the application, do I need to come in and interlineate the increase pond area?

Thanks

Candice M. McHugh

MSHUGH BROMLEY
380 S. 4<sup>th</sup>, Ste. 103
Boise, ID 83702
(208) 287-0991 – office
(208) 287-0864 – facsimile
cmchugh@mchughbromley.com
http://www.mchughbromley.com

Confidentiality Notice: The information in this e-mail (including attachments, if any) is considered confidential and is intended only for the recipient(s) listed above. Any review, use, disclosure, distribution or copying of this e-mail is prohibited except by or on behalf of the intended recipient. If you have received this email in error, please notify me immediately by reply email, delete this email, and do not disclose its contents to anyone. Thank you.

## RECEIVED

DEC 1 1 2019

WATER RESOURCES WESTERN REGION

# AMENDED PROPOSED MITIGATION PLAN FOR ISLAND WOODS HOMEOWNERS ASSOCIATION, INC. POND WATER RIGHT APPLICATION

To the Idaho Department of Water Resources (IDWR):

Thurman Mill Ditch Company ("Company") agrees to dedicate 26 shares representing 0.52 cfs of Boise River water right and idled irrigation of 26 acres to mitigate consumptive use of diversions under the above referenced application. Each share of the Company's water rights equals 1 miners inch or 0.02 cfs of Boise River water right for mitigation of one acre of irrigation at 100% delivery. The Company and Island Woods Homeowners Association, Inc. ("Applicant') agree to this mitigation plan as follows:

- The Applicant propose year-round use of shallow ground water tributary to the Boise River for aesthetic & recreation storage under a proposed application for permit. Anticipated maximum volume will be 315.5 acre feet annually comprised of 300 acre feet for storage volume and 44.0 acre feet for year round evaporative losses.
- 2. Company water right 63-30130 provides natural flow diverted from the Boise River to the Company's place of use. Mitigation for impacts to irrigation-season Boise River natural flows resulting from the Applicant's ponds will be provided by idling irrigation of 26 acres (0.52 cfs) under the Company's Boise River and associated waste water rights. To simplify the process, the 0..52 cfs of water for mitigation should be recorded in a single water right, 63-30130 with a priority date of June 1, 1868, although reduction in irrigated acres will be recorded in all Company water rights. The Boise River Watermaster will not deliver this portion of the water right to the Company headgate while this mitigation plan is in force.
- The Applicant and any successors in interest of the proposed ponds' water right will hold a
  certificate for the water shares and pay the Company assessments for the mitigation shares
  every year.

Ву:	Thurman Mill Ditch Company	
Signature:		
Title:	President	
Date:	11-17-2019	
	'a	
Ву:	Island Woods Homeowners Association, Inc.	Chilin Book
Signature:	Dord Millar	- Chelin Ballin
Title:	President -IWHOA	
Date:	11-15-2019	CHELSIE BARDIN Notary Public - State of Idaho Commission Number 20181680
Date:	11-15-2019	Notary Public - State of Idal



For Calue Receivedhereby sell, assign and Transfer	
(1)// Name:	FACE O
Parcel #	RATION
represented by the within Certificate, and do hereby irrevocably constitute and appoint Thurman Mill	OR ENLARGEN
Ditch Company, LTD. (literacy	MENT OF
to Fransfer the said Thares on the books of the within named	ANYCH
Corporation with full power of substitution in the premises.	HANGE I
Lated A.D. 20	WHATE
In presence of	HOUT





Candice M. McHugh cmchugh@mchughbromley.com

380 S. 4<sup>th</sup> Street, Ste. 103 Boise, Idaho 83702 (208) 287-0991 Chris M. Bromley cbromley@mchughbromley.com

September 12, 2019

Patrick Kelly IDWR 2735 W Airport Way Boise, ID 83705

Re: July 18, 2019 Letter – Application for Permit No. 63-34701 (Ponds)

Dear Mr. Kelly:

Thank you for meeting with me today. This letter is response to your letter dated July 18, 2019 wherein you asked that Island Woods HOA provide you some additional documentation and information regarding the above listed permit.

## TOTAL POND SURFACE AREA IS 15 ACRES, EXPLANATION REGARDING "POND 12"

Items

5&6 – Quantity

7 – Description of POU

9 - Place of Use

13 – Map

As we discussed, the pond surface area is a total of 15 acres, not 19.5 acres. The difference of approximately 4.5 acres is due to the fact that "pond 12" is misleading when one looks only at imagery. While Island Woods owns the property in Section 21, that portion is not actually an excavated pond, but is simply land that is regularly flooded by the Boise River; this area, as shown on the attached map totals approximately 4.5 acres. The area that is actually excavated for a pond is accurately depicted on the application submitted. The rest of the area around pond 12 is simply naturally occurring marsh lands that is underwater nearly every year when the Boise River is at a high water level and the water sits in the low lying areas until it evaporates

### PLACE OF USE TABLE

While at your office, I corrected the place of use table and initialed it today.

## **MITIGATION**

As to the mitigation plan originally sent, my records show that on April 12, 2019, a signed mitigation plan was mailed to IDWR and I spoke with you to confirm that it was in the file. I am awaiting further guidance from IDWR on exactly what is expected regarding additional mitigation requirements for the ponds.

If you have any questions, please do not hesitate to call.

Sincerely, Candia My Lugh

Candice M. McHugh

ec: client

## Kelly, Patrick

From: C McHugh <cmchugh@mchughbromley.com>
Sent: Thursday, September 12, 2019 1:57 PM

To: Kelly, Patrick

Subject: RE: Island Woods mitigation

Attachments: 20190827 Response regarding irrigation application.pdf; 20190827 Response regarding pond

application.pdf

Ok. Please see the attached response letters in order to meet the September 13 deadline.

Will await further instruction.

From: Kelly, Patrick [mailto:Patrick.Kelly@idwr.idaho.gov]

Sent: Thursday, September 12, 2019 12:26 PM

To: Candice McHugh (cmchugh@mchughbromley.com) <cmchugh@mchughbromley.com>

Subject: Island Woods mitigation

## Candice,

Thank you for meeting with met today. I appreciate the opportunity to sit down and discuss the issues facing both sides. On recently approved transfers mitigating with Thurman Mill, we have recognized that they do not supplement with storage or waste water rights and we can consider historical beneficial use has been made with 60% delivery. This essentially negates the need to mitigate a full inch to the acre during July when rights are cut. But what stood out to me while putting this together is the month of March. Almost always with any data station, pond evaporation during this month exceeds the crop transpiration. The table below represents a 1:1 ratio comparison. To make things more complicated, in discussions with Nick this morning we pulled accounting data and found that Thurman Mill did not deliver any water until April. This is an obvious problem as it would make the mitigation plan incomplete.

I am attempting to be as transparent as possible. If applications will be denied during the irrigation season (per memo #59) without mitigation, then how can we overlook injury in this case? These are the issues that make mitigation difficult to evaluate and is certainly a frustration on your end.

The answer to the Island Woods mitigation plan would be 12.0 acres if we do not consider 60% curtailment and find no injury during the month of March. If we DO have to consider these times, the required mitigation requirement is 20.1 acres. That is also assuming we find the mitigation plan to be complete. Nick and I are to meet with the hydrology group and senior staff at the state office for further guidance on the issue. I will be in touch and look forward to having more on the topic shortly.

Regards,
Patrick Kelly

Water Rights Supervisor Emergency Agency Coordinator 2735 Airport Way Boise, Idaho 83705 o: 208.334.2190 patrick.kelly@idwr.idaho.gov

	Crop Loss		Pond Loss		Total Crop	Total Pond	
	mm/day	cfs/acre	mm/day	cfs/acre	cfs	cfs	
January	-0.03	-5E-05	-0.62	-0.00103	0	0	
February	0.08	0.000132	0.11	0.000182	0.0019848	0.0027291	
March	0.62	0.001025	0.83	0.001373	0.0153822	0.0205923	
April	3.07	0.005078	2.07	0.003424	0.0761667	0.0513567	
May	4.4	0.007278	2.76	0.004565	0.109164	0.0684756	
June	5.91	0. * <b>DO</b>	NOT edit the cells in this table*			0.1022172	
July	6.49	0.010.01	1.00	0.001111	0.1010109	0.1161108	
August	5.5	0.009097	3.95	0.006533	0.136455	0.0979995	
September	3.87	0.006401	2.65	0.004383	0.0960147	0.0657465	
October	2.21	0.003655	1.41	0.002332	0.0548301	0.0349821	
November	-0.09	-0.00015	-0.21	-0.00035	0	0	
December	-0.23	-0.00038	-0.78	-0.00129	0	0	

Pond Acres	
Mitigation Acres	
Ratio	

15	*Set equal to pond SA
15	*Do not change this cell value
1	*Change this value or Optimize

Optimize Ratio

\*Input ETIdaho station and pond and crop datasets using the button on the first tab of this workbook.\*



# State of Jaho DEPARTMENT OF WATER RESOURCES

Western Region • 2735 W Airport Way • Boise ID 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348

Website: idwr.idaho.gov • Email: westerninfo@idwr.idaho.gov

BRAD LITTLE Governor

GARY SPACKMAN Director

August 9, 2019

CANDICE MCHUGH
MCHUGH BROMLEY PLLC
VIA EMAIL: CMCHUGH@MCHUGHBROMLEY.COM

RE:

Application for Permit No. 63-34700 & 63-34701 Extension Request Granted

Dear Representative,

On July 18, 2019, the Idaho Department of Water Resources (Department) sent a letter to request additional information relevant to Application for Permit No. 63-34701 and 63-34701. On August 9, 2019, the Department received an extension request from the Representative to submit the additional information until September 13, 2019.

This is notice that your request has been granted and the information outlined in IDWR's letter dated July 18, 2019 shall be received no later than September 13, 2019.

Sincerely,

Patrick Kelly

Poetile U

Water Rights Supervisor

Rev. 02/14



For Office Use Only Updated by Date 8/3/19

## STATE OF IDAHO DEPARTMENT OF WATER RESOURCES

CHANGE IN ADDRESS

address of the owners of record for the listed water rights.

(Please print or type)

RECEIVED

AUG 0 2 2019

## This form can be used to notify the Department of a change in

WATER RESOURCES WESTERN REGION

63-34700, 63-34701, 63-32593, 63-32594 Water Right Number(s): ISLAND WOODS HOA, INC. Name(s): ISLAND WOODS HOA, INC. Old Mailing Address: PO BOX 193 EAGLE, ID 83616 ISLAND WOODS HOA, INC. New Mailing Address: C/O JILL BARBOUR, 774 E RIVERCHASE WAY EAGLE, ID 83616 Telephone Number: 208-869-2494 Email: CMCHUGH@MCHUGHBROMLEY.COM Signature(s) of Owner(s) ATTORNEY OF RECORD (Include your title if on behalf of company or organization.) Date:

Send a signed original to your closest regional office:

IDWR Northern Region 7600 N. Mineral Dr., Suite 100 Coeur d'Alene, ID 83815-7763 (208) 762-2800

IDWR Eastern Region 900 N. Skyline Dr., Suite A Idaho Falls, ID 83402-1718 (208) 525-7161 IDWR Western Region 2735 Airport Way Boise, ID 83705-5082 (208) 334-2190

SUPPORT DATA 56 FR. 5 63-32594

IDWR Southern Region 650 Addison Ave W, Suite 500 Twin Falls, ID 83301-5858 (208) 736-3033



# State of Idaho DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 \* Fax: (208) 334-2348 \* Website: www.idwr.idaho.gov

GARY SPACKMAN Director

Governor

August 2, 2019

ISLAND WOODS HOA, INC C/O JILL BARBOUR 774 E RIVERCHASE WAY EAGLE, ID 83616

RE: Change of Address for Water Right/Permit No. 63-34700, 63-34701, and 63-32594 63-32593 could not be processed due to it being owned by a different company.

Dear Water Right/Permit Holder

The Department of Water Resources (Department) acknowledges the receipt of correspondence changing the address of the above referenced water right(s) to you. The Department has modified its records to reflect this change in ownership and has enclosed a computer-generated report for your records.

Please note that water right owners are required to report any change in water right ownership and/or mailing address to the Department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the Department or visit the Department's homepage on the Internet to obtain the proper forms and instructions, www.idwr.idaho.gov.

If you have any questions concerning the enclosed information or this letter, please feel free to contact this office at 208-334-2190.

Sincerely,

Kensie Thorney croft Office Specialist II

Western Regional Office

**Enclosures** 



# State of Idaho DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082 Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

> GARY SPACKMAN Director

July 18, 2019



ISLAND WOODS HOMEOWNERS ASSOCIATION, INC. PO BOX 193 EAGLE, ID 83616

Re: Additional Information Request for Application for Permit 63-34701

Dear Applicant:

This office received your application for permit on April 4, 2019 for Aesthetic and Recreation Storage. Additional information is required to complete processing your application. The following items to be addressed are:

## • 5&6 - Quantity

 ArcMap tools and aerial imagery was used to measure a pond surface area of 19.5 acres rather than 15 acres listed in the application. Please review your storage use and amend the volume accordingly.

## • 7 - Description of Proposed Use

O ArcMap tools and aerial imagery was used to measure a pond surface area of 19.5 acres rather than 15 acres listed in the application. Your water bearing zone is dependent on the max depth of the ponds. An average depth was provided but does not fulfill the water bearing zone requirement.

## 9- Place of Use

o The table for the Place of Use in Item 9 of your application does not match the map submitted with your application. Place of use descriptions should be defined within the SW Quarter, rather than the NW. Additionally, the entirety of pond 12 in tax lot #10516499 includes land defined within 4N 1E Sec 21 NE½NW½ lot 3.

## • 13 - The Map

The map needs to be amended to include the entirety of pond 12.

## Mitigation Plan

The application narrative calculating evaporative volume requiring mitigation was done using a data set for deep systems reserved for lakes or reservoirs. The one acre ponds within the subdivision are subject to shallow system data set. Using the correct data set and 19.5 acre surface area, evaporative losses associated with the ponds is 44.0 afa. The application suggests a historical consumptive use of 3.03 af/ac, but when we use the correct data set, the historical crop consumptive use totals 3.2 af/ac. Using the historical beneficial use of 3.2 af/ac, 13.8 acres, or 14 shares of Thurman Mill are required to mitigate the annual evaporation volume.

Timing during the Boise River Stuart Decree Curtailment must also be considered. Water rights are frequently cut to 60% by July 1. Again, the consumptive use of turf grass in July is 0.011 cfs/ac. To overcome the timing at peak consumptive use when rights are cut to 60%, the applicant must secure a mitigation plan of 23.4 acres, or 24 shares of Thurman Mill Ditch Company. See the table below for further detail. We can ignore the month of March when consumptive use from the pond exceeds historical consumptive use since this is during a time of flood release and abundant supply of water. November may also be disregarded since the numbers are negative, indicating evaporation is not present.

Finally, the mitigation plan must be signed by Thurman Mill Ditch Company.

Please submit the requested information for the application to be processed. You may seek additional time to provide the information by making a written request to interrupt processing for up to six months. The application will be voided without a timely written reply within the next thirty (30) days. Refunds are not issued for voided applications.

IDWR forms and other information are available on the Internet at <a href="www.idwr.idaho.gov">www.idwr.idaho.gov</a>. Please contact me at 208-334-2190 if you need more information. Thank you for your attention to this matter. Sincerely,

Patrick Kelly

Water Rights Supervisor

cc:

Candice McHugh; Representative via e-mail

Station:

Boise Airport

	Historical Evaporation (Turf Grass)			Pond Evaporation			Pond Loss Evap Rate	Req. Mit (100%)	Req. Mit (60%)
	mm/day	af/mo	cfs/acre	mm/day	af/mo	cfs/acre	cfs	acres	acres
January									
February									
March	0.62	1.2	0.001	0.83	1.6	0.001	0.03	26.1	26.1
April	3.07	5.9	0.005	2.07	4.0	0.003	0.07	13.1	13.1
May	4.40	8.7	0.007	2.76	5.5	0.005	0.09	12.2	12.2
June	5.91	11.3	0.010	4.12	7.9	0.007	0.13	13.6	13.6
July	6.49	12.9	0.011	4.68	9.3	0.008	0.15	14.1	23.4
August	5.50	10.9	0.009	3.95	7.8	0.007	0.13	14.0	23.3
September	3.87	7.4	0.006	2.65	5.1	0.004	0.09	13.4	22.3
October	2.21	4.4	0.004	1.41	2.8	0.002	0.05	12.4	12.4
November	-0.09	-0.2	0.000	-0.21	-0.4	0.000	-0.01	45.5	45.5
December									