

RECEIVED

OCT 16 2012

WATER RESOURCES
WESTERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of IdahoIdent. No. 63-33691**AMENDED** *ll*
11/8/20121. Name of applicant(s) The Club at Spurwing, LLC Phone 322-7300
Name connector (check one): ☐ and ☐ or ☐ and/orMailing address: 3405 East Overland Road, Suite 150 City MeridianState ID Zip 83642 Email: chris@sundanceco.com2. Source of water supply groundwater 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 #
4N	1W	23		SW	SE		Ada	groundwater	none - new right

4. Water will be used for the following purposes:

Amount 80 AF for aesthetic storage purposes from Jan 1 to Dec 31 (both dates inclusive)
(cfs or acre-feet per year)Amount .89 cfs for diversion to storage purposes from Jan 1 to Dec 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)5. Total quantity to be appropriated is (a) 0.89 cubic feet per second (cfs) and/or (b) 80 acre-feet per year (af).

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source. A new groundwater well to replace the existing on site well (Tag #0038765). Water bearing zone to be from 201' to 350' below surface.b. Height of storage dam n/a feet; active reservoir capacity 55 acre-feet; total reservoir capacity 55 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 ☒ Noc. Proposed well diameter is 12-16 inches; proposed depth of well is 350 feet.d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ Noe. If well is already drilled, when? n/a; drilling firm n/a;Well was drilled for (well owner) n/a; Drilling Permit No. n/a.

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

a. Hydropower; show total feet of head and proposed capacity in kW. n/ab. Stockwatering; list number and kind of livestock. n/ac. Municipal; show name of municipality or the applicant's qualifications as a municipal provider. n/ad. Domestic; show number of households n/ae. Other; describe fully. New water right will accommodate aesthetic storage and evaporation losses for three new ponds.Surface water from irrigation will be "water in/water out" and will not be used for storage.

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	
4N	1W	23												✓			✓	✓	

Total number of acres to be irrigated: n/a

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? None

10. a. Who owns the property at the point of diversion? The Club at Spurwing, LLC
- b. Who owns the land to be irrigated or place of use? The Club at Spurwing, LLC and SW Loan, LLP
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: See attachment
11. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. Water bearing zone for new well will be 201 feet to 350 feet below the surface. Pond A is located in the SE quarter of the SW quarter of Section 23. Pond B is located in the SW quarter of the SE quarter of Section 23. Pond C is located in the S one half of the SE quarter of Section 23. The proposed ponds will be fully lined and will not intercept shallow groundwater. Geotechnical test pit logs are attached for your review and information. The proposed diversion rate is the same as the diversion rate under the existing water right.

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.



Signature of Applicant

Chris Anderson, Mangr of The Club at Spurwing, LLC
Print Name (and title, if applicable)

Signature of Applicant

Print Name (and title, if applicable)

For Department Use:

Received by MP Date 10-16-12 Time 1:20pm Preliminary check by SK

Fee \$ 150.00 Received by MP Receipt No. W040644 Date 10-16-12

\$100.00 25% total RS W040513 8-22-12

63-33691



2011 photo

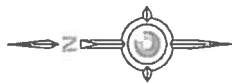
NOTES:

- Not to Scale

LEGEND

Approximate Site Boundary

Approximate MTI Test Pit Location



Spurwing Golf Course Expansion

Chinden Boulevard and Spurwing Way
Meridian, ID

Modified by: MHS

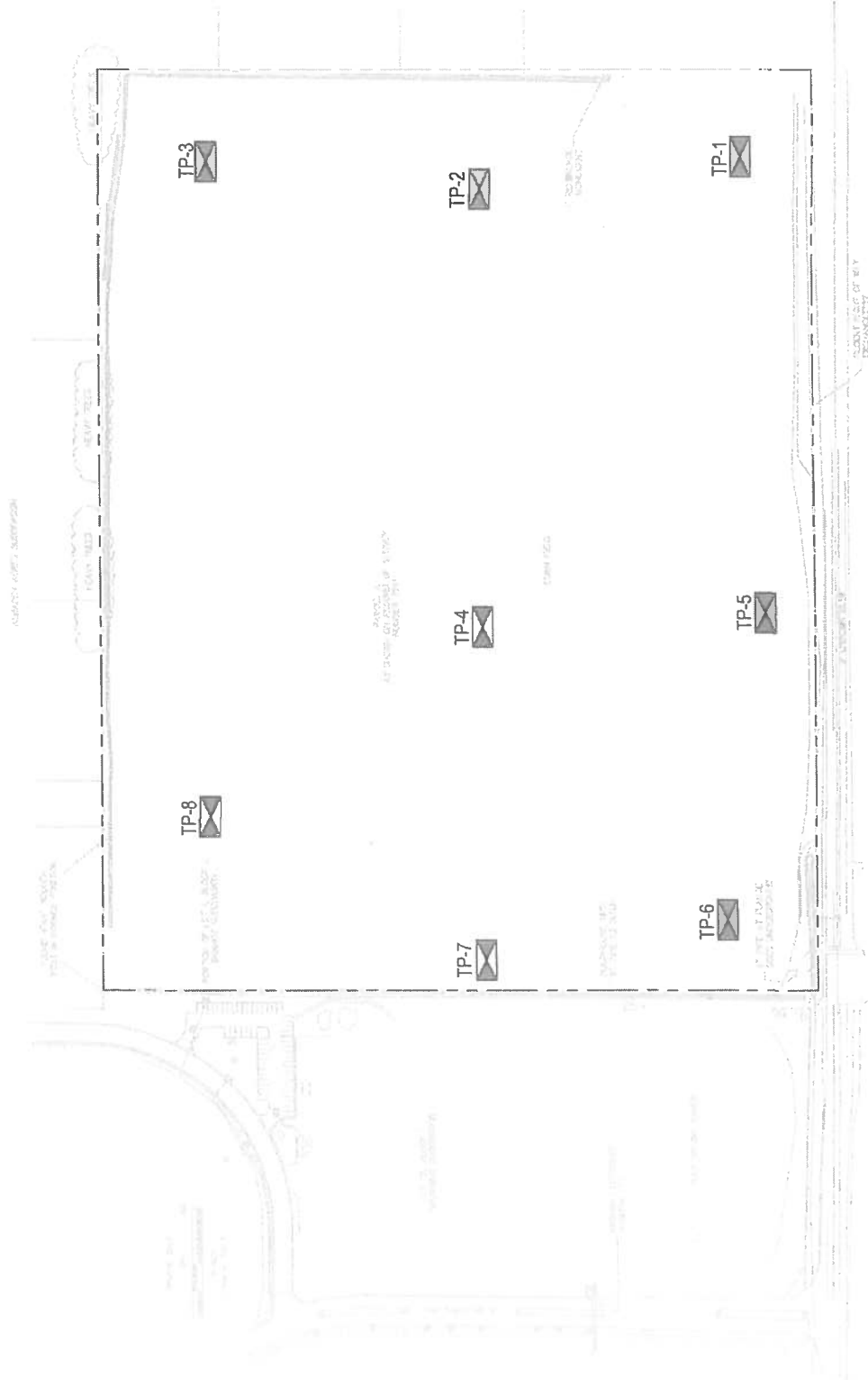
16 February 2012

Drawing: B120071g



**MATERIALS
TESTING &
INSPECTION**

2791 S. Victory View Way Phone: 208 376-4748
Boise, ID 83709-2835 Fax: 208 322-6515
E-mail: mti@mti-id.com





GEOTECHNICAL INVESTIGATION TEST PIT LOG

Test Pit Log #: **TP-1** Date Advanced: **2 Feb 2012** Logged by: **Colin Basye, P.E.**

Excavated by: **Struckman's Backhoe Service**

Location: **See Site Map Plates**

* Depth to Water Table: **Not Encountered**

Total Depth: **18.0 Feet bgs**

Depth (Feet bgs)	Field Description and USCS Soil and Sediment Classification	Sample Type	Sample Depth (Feet bgs)	Qp	Lab Test ID
0.0-6.0	Silt (ML): <i>Brown, slightly moist, very stiff.</i> <i>--Plow zone/disturbed fill zone to 1.5 feet of depth, with high organic content (corn plant waste).</i> <i>--Calcic veining encountered at 3 feet bgs.</i> <i>--Sand content increases at 4.5 feet bgs.</i>	GS	2.0-2.5	3.5-4.0	
6.0-7.5	Silty Sand with Gravel (SM): <i>Brown, moist, dense.</i> <i>--Very competent formation -- no sloughing.</i>	GS	6.0-6.5		
7.5-9.9	Gravelly Silty Sand (SM): <i>Brown, moist, dense.</i> <i>--Cobbles up to 4 inches in diameter.</i>				
9.9-18.0	Poorly-Graded Sandy Gravel with Silt (GP): <i>Brown, moist, very dense.</i> <i>--Cobbles up to 6 inches in diameter.</i> <i>--Moderate sloughing.</i> <i>--Silt content decreases and cobbles increase in size to 10 inches below 12 feet of depth.</i>				

* excavate - no shallow ground water found

GEOTECHNICAL INVESTIGATION TEST PIT LOG

Test Pit Log #: **TP-2** Date Advanced: **2 Feb 2012** Logged by: **Colin Basye, P.E.**

Excavated by: **Struckman's Backhoe Service**

Location: **See Site Map Plates**

Depth to Water Table: **Not Encountered**

Total Depth: **16.0 Feet bgs**

Depth (Feet bgs)	Field Description and USCS Soil and Sediment Classification	Sample Type	Sample Depth (Feet bgs)	Qp	Lab Test ID
0.0-2.6	Silt (ML): <i>Brown, slightly moist, very stiff.</i> --Plow zone/disturbed fill zone to 1.5 feet of depth. --Calcic veining encountered at 3 feet bgs. --Lower-most silts are indurated.			2.5	
2.6-8.0	Silty Sand (SM): <i>Light brown, slightly moist to moist, dense to very dense.</i> --Platy caliche from 5.2 to 5.7 feet of depth. --Contains indurated lumps or caliche nodules throughout.	GS	5.0-5.5		
8.0-16.0	Poorly-Graded Sandy Gravel (GP): <i>Light brown, moist, very dense.</i> --Predominately coarse gravels with limited cobbles up to 4 inches in diameter. --Minor sloughing at 11 feet bgs. --Cobbles increase in size to 10 inches below 12 feet of depth.	GS	10.0-10.5		A

Lab Test ID	M	Sieve Analysis						
		2"	1"	#4	#16	#50	#100	#200
-	%							
A	2.4	100	67	34	29	10	1	0.5



GEOTECHNICAL INVESTIGATION TEST PIT LOG

Test Pit Log #: **TP-3** Date Advanced: **2 Feb 2012** Logged by: **Colin Basye, P.E.**

Excavated by: **Struckman's Backhoe Service**

Location: **See Site Map Plates**

Depth to Water Table: **Not Encountered**

Total Depth: **15.0 Feet bgs**

Depth (Feet bgs)	Field Description and USCS Soil and Sediment Classification	Sample Type	Sample Depth (Feet bgs)	Qp	Lab Test ID
0.0-4.9	Silt (ML): <i>Brown to dark brown, wet, stiff to very stiff.</i> --Plow zone/disturbed fill zone to 1.2 feet of depth.	GS	4.5-5.0	1.5-2.5	
4.9-6.8	Silty Sand (SM): <i>Light gray brown, wet, medium dense.</i>				
6.8-8.6	Silty Sandy Gravel (GM): <i>Light gray brown, wet, very dense.</i> --Cobbles up to 10 inches in diameter.				
8.6-15.0	Poorly-Graded Sandy Gravel (GP): <i>Light tan, moist, very dense.</i> --Predominately coarse gravels with limited cobbles up to 4 inches in diameter. --Cobbles increase in size to 12 inches below 10 feet of depth. --Minor sloughing at 11 feet.				



GEOTECHNICAL INVESTIGATION TEST PIT LOG

Test Pit Log #: **TP-4** Date Advanced: **2 Feb 2012** Logged by: **Colin Basye, P.E.**

Excavated by: **Struckman's Backhoe Service**

Location: **See Site Map Plates**

Depth to Water Table: **Not Encountered**

Total Depth: **15.2 Feet bgs**

Depth (Feet bgs)	Field Description and USCS Soil and Sediment Classification	Sample Type	Sample Depth (Feet bgs)	Qp	Lab Test ID
0.0-2.6	Silt (ML): <i>Dark brown, moist, hard.</i> <i>--Plow zone/disturbed fill zone to 1.7 feet of depth.</i> <i>--Calcic cementation encountered below 1.5 feet of depth.</i> <i>--Platy white caliche layer encountered at 3 feet bgs.</i>			4.0-4.5	
2.6-8.0	Silty Gravel (GM): <i>Dark red brown, moist, very dense.</i> <i>--Platy cobbles to 5 inches.</i>				
8.0-15.2	Poorly-Graded Sandy Gravel with Silt (GP): <i>Brown, moist, very dense.</i> <i>--Color change to light brown at 8.5 feet bgs.</i> <i>--Minor sloughing at 9 feet bgs.</i> <i>--Cobbles increase in size to 12 inches below 11 feet of depth.</i>				



GEOTECHNICAL INVESTIGATION TEST PIT LOG

Test Pit Log #: **TP-5** Date Advanced: **2 Feb 2012** Logged by: **Colin Basye, P.E.**

Excavated by: **Struckman's Backhoe Service**

Location: **See Site Map Plates**

Depth to Water Table: **Not Encountered**

Total Depth: **18.1 Feet bgs**

Depth (Feet bgs)	Field Description and USCS Soil and Sediment Classification	Sample Type	Sample Depth (Feet bgs)	Qp	Lab Test ID
0.0-4.3	Silt (ML): <i>Dark brown to brown, slightly moist to moist, very stiff.</i> --Plow zone/disturbed fill zone to 1.5 feet of depth, with high organic content (corn plant waste).				
4.3-6.0	Silty Sand with Gravel (SM): <i>Brown, moist, dense.</i> --Hard platy formation at 4.3 feet bgs – difficult to excavate.				
6.0-18.1	Poorly-Graded Sandy Gravel with Silt (GP): <i>Red brown, moist, very dense.</i> --Cobbles up to 8 inches in diameter. --Color change to light tan and decrease in silt content below 10 feet of depth. --Cobbles to 12 inches in diameter below 11 feet.				

GEOTECHNICAL INVESTIGATION TEST PIT LOG

Test Pit Log #: **TP-6** Date Advanced: **2 Feb 2012** Logged by: **Colin Basye, P.E.**

Excavated by: **Struckman's Backhoe Service**

Location: **See Site Map Plates**

Depth to Water Table: **Not Encountered**

Total Depth: **15.5 Feet bgs**

Depth (Feet bgs)	Field Description and USCS Soil and Sediment Classification	Sample Type	Sample Depth (Feet bgs)	Qp	Lab Test ID
0.0-6.2	Silt and Sandy Silt (ML): <i>Dark brown, moist, stiff to very stiff.</i> --Plow zone/disturbed fill zone to 1.2 feet of depth. --Calcic cementation encountered below 3 feet bgs.	Bulk	1.5-2.0	2.0-4.0	B CBR
6.2-15.5	Poorly-Graded Sandy Gravel with Silt (GP): <i>Light brown, moist, very dense.</i> --Cobbles increase in size to 8 inches and silt decreases below 9.5 feet of depth. --Cobbles increase in size to 12 inches below 11.5 feet of depth. --Moderate sloughing at 12 feet bgs.				

Lab Test ID	LL	PI
-	-	-
B	NP	NP



GEOTECHNICAL INVESTIGATION TEST PIT LOG

Test Pit Log #: TP-7 Date Advanced: 2 Feb 2012 Logged by: Colin Basye, P.E.

Excavated by: Struckman's Backhoe Service

Location: See Site Map Plates

Depth to Water Table: Not Encountered

Total Depth: 18.2 Feet bgs

Depth (Feet bgs)	Field Description and USCS Soil and Sediment Classification	Sample Type	Sample Depth (Feet bgs)	Qp	Lab Test ID
0.0-2.5	Silt (ML): <i>Light to dark brown, moist, hard.</i> <i>--Plow zone/disturbed fill zone to 1.2 feet of depth.</i> <i>--Calcic cementation encountered through lower-most silts.</i>			4.0+	
2.5-5.9	Silty Sand (SM): <i>Brown, moist, dense.</i> <i>--Calcic nodules encountered below 3.5 feet bgs.</i>				
5.9-9.6	Silty Sandy Gravel (GM): <i>Brown, moist, very dense.</i> <i>--Cobbles up to 4 inches in diameter.</i> <i>--Moderate sloughing below 7 feet bgs.</i> <i>--Predominately medium to coarse-grained sands.</i>				
9.6-18.2	Poorly-Graded Sandy Gravel (GP): <i>Light tan, moist, very dense.</i> <i>--Cobbles predominately 8 inches in diameter.</i>				



GEOTECHNICAL INVESTIGATION TEST PIT LOG

Test Pit Log #: **TP-8** Date Advanced: **2 Feb 2012** Logged by: **Colin Basye, P.E.**

Excavated by: **Struckman's Backhoe Service**

Location: **See Site Map Plates**

Depth to Water Table: **Not Encountered**

Total Depth: **15.5 Feet bgs**

Depth (Feet bgs)	Field Description and USCS Soil and Sediment Classification	Sample Type	Sample Depth (Feet bgs)	Qp	Lab Test ID
0.0-2.9	Silt (ML): <i>Light to dark brown, moist, very stiff to hard.</i> --Plow zone/disturbed fill zone to 1.5 feet of depth. --Calcic cementation encountered through lower-most silts.			3.5-4.0	
2.9-6.8	Silty Sand (SM): <i>Brown, moist, very dense.</i> --Calcic nodules encountered below 3.5 feet bgs. --Platy caliche encountered below 4 feet bgs.				
6.8-8.9	Silty Sandy Gravel (GM): <i>Red brown, moist, very dense.</i> --Cobbles up to 4 inches in diameter. --Difficult to excavate.				
8.9-15.5	Poorly-Graded Sandy Gravel (GP): <i>Light brown, moist, very dense.</i> --Cobbles predominately 7 inches in diameter. --Cobbles increase to 12 inches in diameter below 12.5 feet of depth.				

RECEIVED

AUG 22 2012

WATER RESOURCES
WESTERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of IdahoIdent. No. 63-33691Successful

1. Name of applicant(s) The Club at Spurwing, LLC Phone 322-7300
Name connector (check one): ☐ and ☐ or ☐ and/or
- Mailing address: 3405 East Overland Rd, Suite 150 City Meridian
State ID Zip 83642 Email: chris@sundanceco.com
2. Source of water supply groundwater 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 #
4N	1W	23		SW	SE		Ada	groundwater	none -
									new right

4. Water will be used for the following purposes:

Amount 29 ac-ft for evaporation purposes from Jan 1 to Dec 31 (both dates inclusive)
(cfs or acre-feet per year)Amount 55 ac-ft for aesthetic storage purposes from Jan 1 to Dec 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)

5. Total quantity to be appropriated is (a)
- 0.11
- cubic feet per second (cfs) and/or (b)
- 79
- acre-feet per year (af).

6. Proposed diverting works:

- a. Describe type and size of devices used to divert water from the source. Groundwater well - new to replace existing well tag #0038765, Diversion below 200 feet deep.
- b. Height of storage dam n/a feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ 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
- 12-16
- inches; proposed depth of well is
- 350
- feet.

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

- e. If well is already drilled, when?
- n/a
- ; drilling firm
- n/a
- ;

Well was drilled for (well owner) Original - LeRoy Brandt; Drilling Permit No. Original -

7. Description of proposed uses (if irrigation only, go to item 8):
- Farwest LLC
- BB7103-829885

- a. Hydropower; show total feet of head and proposed capacity in kW.
- n/a

- b. Stockwatering; list number and kind of livestock.
- n/a

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

- d. Domestic; show number of households
- n/a

- e. Other; describe fully.
- Ponds to be filled with new water right, and new right to accommodate evaporation from pond. Irrigation uses to come from existing surface rights and existing groundwater irrigation right.

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	
4N	1W	23											J				J	J	

Total number of acres to be irrigated: 7/9

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? None.

10. a. Who owns the property at the point of diversion? The Club at Spurwing, LLC
- b. Who owns the land to be irrigated or place of use? The Club at Spurwing, LLC & S.W. Loan, LLP
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: see attachment
11. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. see attachment

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.



Signature of Applicant

Chris Anderson, Manager

Print Name (and title, if applicable)

Signature of Applicant

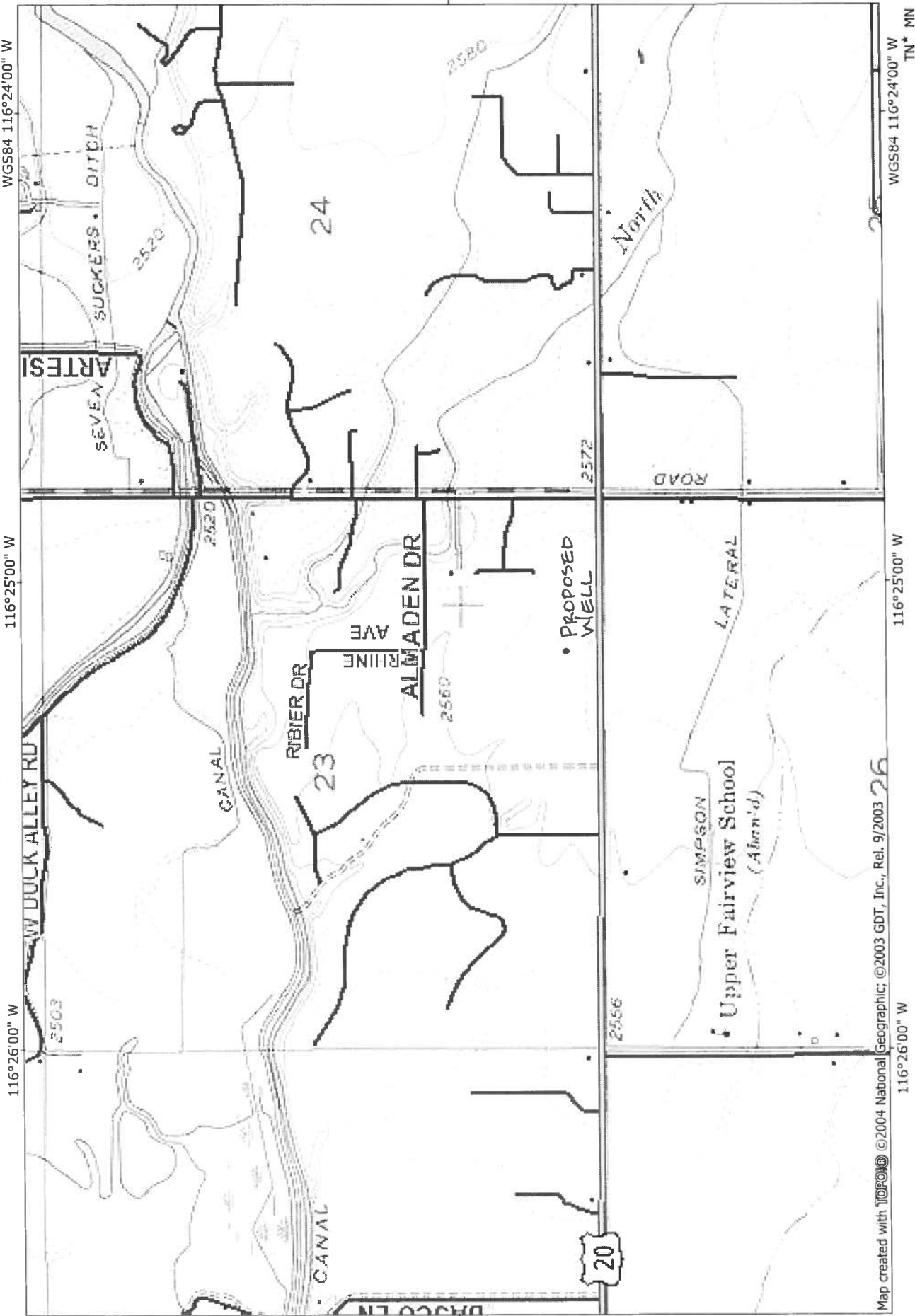
Print Name (and title, if applicable)

For Department Use:

Received by RS Date 8-22-12 Time 4 pm Preliminary check by _____

Fee \$ 100 Received by RS Receipt No. W040513 Date 8-22-12

TOPO! map printed on 08/21/12 from "Untitled.tpo"

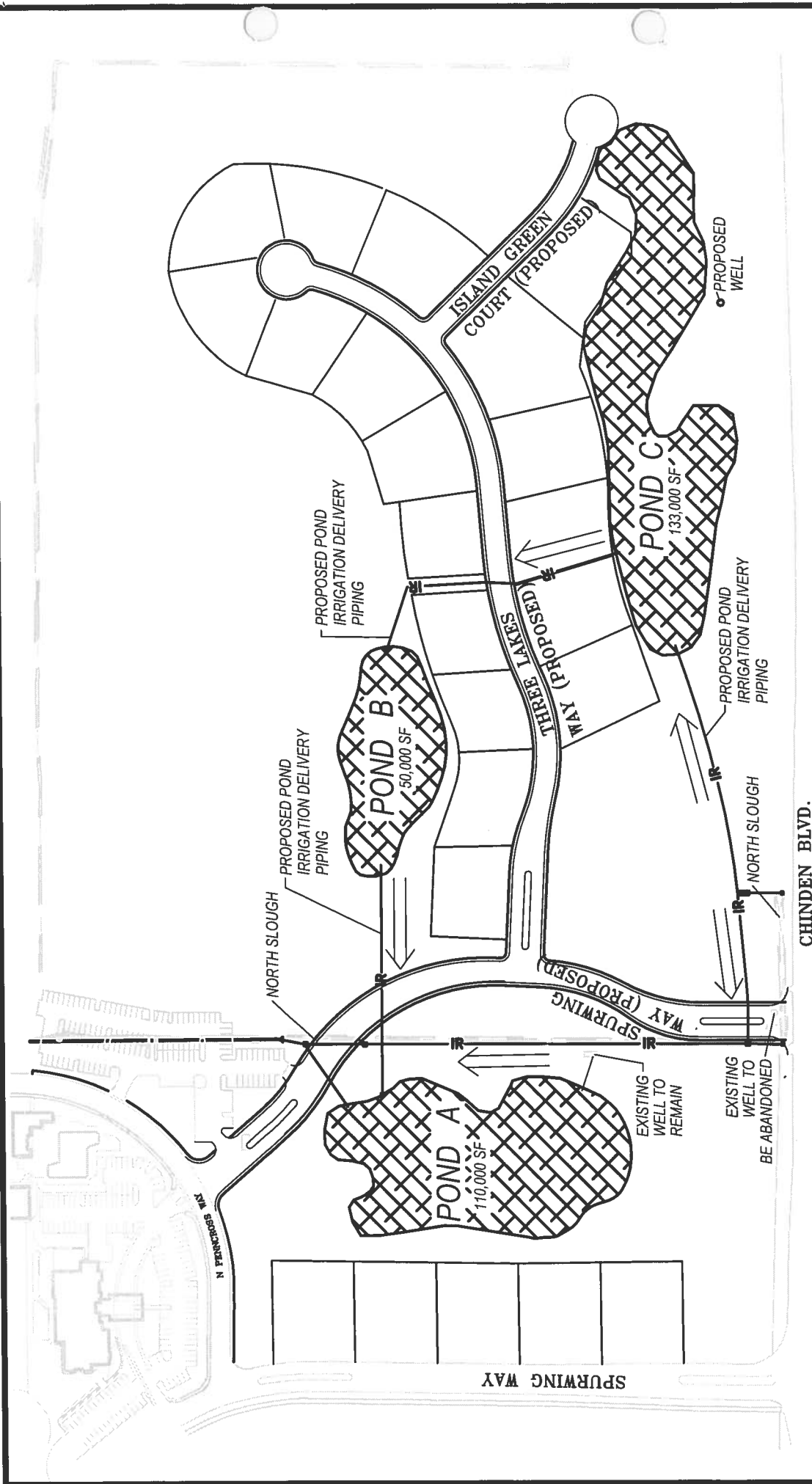


Map created with TOPO!® ©2004 National Geographic; ©2003 GDT, Inc., Rel. 9/2003 26



WGS84 116°24'00\" W
TN* MN
15°
08/21/12

63-33691



THE CLUB AT SPURWING, LLC
 PROPOSED PONDS
 EXHIBIT A



NOT TO SCALE

Alfalfa - peak (no cutting effects)															
Precipitation Deficit (Click here for a graph)															
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Growing Season ^a	Non Growing Season ^b	Annual
Mean ^j	mm/day												mm		
Monthly ^k	-0.26	0.12	0.16	2.12	4.23	6.37	7.66	6.61	4.39	2.17	-0.74	-0.83	1022	-42	980
15-Day Moving Average ^d	-0.27	0.02	0.09	2.09	4.27	6.55	7.77	6.59	4.25	2.27	-0.73	-0.83			
7-Day Moving Average ^e	-0.27	0.07	0.12	2.07	4.26	6.52	7.73	6.6	4.28	2.21	-0.79	-0.82			
3-Day Moving Average ^f	-0.26	0.12	0.15	2.12	4.23	6.43	7.67	6.62	4.36	2.17	-0.74	-0.83			
Standard Deviation ^k	mm/day												mm		
Monthly ^l	0.84	0.22	0.79	0.99	2.37	1.35	0.83	0.95	1.2	1.49	0.85	1.28	120	40	127
15-Day Moving Average ^d	0.83	0.37	0.82	1.33	2.39	1.66	0.8	0.91	1.61	1.41	1.14	1.12			
7-Day Moving Average ^e	1	0.69	1.32	1.96	3.09	2.26	1.12	1.26	2.07	2.03	1.68	1.53			
3-Day Moving Average ^f	1.2	1.04	2.09	2.85	4.08	3.09	1.79	1.74	2.75	2.74	2.42	2.07			
20% Exceedance ^l	mm/day												mm		
Monthly ^k	0.04	0.34	0.56	2.74	5.41	7.74	8.08	7.16	5.13	3.01	0	0	1113	3	1095
15-Day Moving Average ^d	0.3	0.63	1.01	4.12	7.56	8.82	8.75	7.65	5.85	3.99	1.06	0.3			
7-Day Moving Average ^e	0.56	1.43	2.21	5.89	8.74	9.51	9.37	8.42	6.61	4.69	1.7	0.51			
3-Day Moving Average ^f	0.87	2.04	4.02	6.76	9.94	10.38	10.05	9.06	7.44	5.39	2.47	0.87			
80% Exceedance ^m	mm/day												mm		
Monthly ^k	-0.54	-0.04	-0.39	1.24	2.68	5.39	7.24	6.08	3.94	1.41	-1.49	-1.73	922	-88	863
15-Day Moving Average ^d	-0.95	-0.54	-1.62	-0.02	0.03	3.06	6.17	5.27	2.81	-0.92	-2.46	-3			
7-Day Moving Average ^e	-2.36	-1.26	-3.7	-2.17	-3.73	0.55	4.95	4.22	1.28	-3.4	-4.88	-4.8			
3-Day Moving Average ^f	-4.35	-2.87	-6.27	-7.4	-8.44	-5.33	2.55	1.47	-1.94	-8.21	-7.9	-8.73			
Ave Highest P _{def}	mm/day												--		
15-Day Moving Average ^d	0.18	0.45	0.9	3.32	6.14	7.89	8.35	7.34	5.3	3.27	0.54	0.18			
7-Day Moving Average ^e	0.46	1.03	1.87	4.73	7.55	8.87	8.93	7.98	6.15	4.13	1.17	0.47			
3-Day Moving Average ^f	0.69	1.53	3.4	5.79	8.81	9.76	9.65	8.63	7.09	4.89	2.06	0.83			
Ave Lowest P _{def}	mm/day												--		
15-Day Moving Average ^d	-0.66	-0.29	-0.75	0.95	2.27	4.99	7.01	5.82	3.28	1.12	-1.77	-1.6			
7-Day Moving Average ^e	-1.26	-0.92	-1.91	-0.6	-0.3	3.09	5.99	5.01	1.99	-0.68	-3.34	-2.73			
3-Day Moving Average ^f	-2.41	-2.11	-4.13	-4.06	-4.83	-0.24	3.7	3.21	-0.87	-3.44	-6.34	-5.02			
Special normal distribution parameters for monthly, seasonal, and annual intervals															
Skew ⁿ	-1.13	-0.58	0.46	0.74	-0.17	-0.55	-0.09	-0.2	-1.9	-0.16	-0.26	-0.21	0.64	0.18	0.55
Kurtosis ^o	3.58	3.31	1.69	3.16	1.03	2.66	0.8	0.96	6.27	0.78	2.61	0.55	3.29	2.01	2.62

Form 208-7
6/02IDAH0 DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT1. WELL TAG NO. D 0038765
DRILLING PERMIT NO. 887103-829885
Water Right or Injection Well No. 63-31860

2. OWNER:

Name LEAHY BRANDT / FARWEST, LLC
Address 4487 NORTH DRESDEN PLACE, SUITE 102
City BOISE State ID Zip 83714

3. LOCATION OF WELL by legal description:

You must provide address or Lat. Blk. Sub. or Directions to well.

Twp 4 North ☒ or South ☐
Rge 2 East ☐ or West ☒
Sec 23 SW 1/4 SE 1/4
County ADALat: _____ Long: _____
Address of Well Site HWY 24/26 (CHINDEN BLVD)
City MERIDIAN

L1 _____ Blk _____ Sub Name _____

1/2 MILE WEST OF LINDER, NORTH SIDE OF HIGHWAY

4. USE:

☐ Domestic ☐ Municipal ☐ Monitor ☒ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK (check all that apply)

(Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☐ Air Rotary ☐ Cable ☐ Mud Rotary ☒ Other REVERSE

7. SEALING PROCEDURES

Seal Material	From	To	Depth (feet)	Seal Placement Method
<u>74 BENTONITE</u>	<u>0</u>	<u>116</u>	<u>17,500</u>	<u>DRY POUR</u>

Was drive shoe used? ☐ Y ☒ N Shoe Depth (ft) _____Was drive shoe seal tested? ☐ Y ☐ N How? _____

8. CASING/LINER:

Diameter	From	To	Depth (feet)	Material	Casing	Unit	Sealed	Insulated
<u>10"</u>	<u>12</u>	<u>136</u>	<u>36</u>	<u>STEEL</u>	☒		☒	☐
<u>10"</u>	<u>156</u>	<u>167</u>	<u>36</u>	<u>STEEL</u>	☒		☒	☐

Length of Headpipe _____ Length of Tailpipe 2'Packer L/V ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method _____

Screen Type & Method of Installation JOHNSON WIRE WRAP

From	To	Slot Size	Number	Diameter	Material	Casing	Unit
<u>136</u>	<u>156</u>	<u>.030</u>		<u>10"</u>	<u>S.S.</u>	☒	
<u>167</u>	<u>187</u>	<u>.030</u>		<u>10"</u>	<u>S.S.</u>	☒	

10. FILTER PACK

Filter Material	From	To	Depth (feet)	Placement Method
<u>8-12 SAND</u>	<u>116</u>	<u>192</u>	<u>9,000</u>	<u>DRY POUR</u>

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

a. Below ground _____ Artesian pressure _____ lb.
Depth flow encountered _____ b. Describe access point or control device: _____
1 1/2" PIPE ON SIDE

829885

Office Use Only

Well ID No. 400489

Inspected by _____

Twp _____ Rge _____ Sec _____

1/4 _____ 1/4 _____ 1/4 _____

Lat: _____ Long: _____

12. WELL TESTS:

Well ID No.	Pressure	Pumping Level	Time
<u>400 gpa</u>	<u>20'</u>	<u>52'</u>	<u>6 hrs</u>

Water Temp _____

Bottom hole temp _____

Water Quality test or comments: _____

Depth first Water Encounter: _____

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Depth (ft)	Remarks: Lithology, Water Quality & Temperature	Water			
<u>194</u>	<u>0</u>	<u>6</u>	<u>TOP SOIL</u>		
<u>6</u>	<u>11</u>		<u>BURNT CLAY</u>		
<u>11</u>	<u>35</u>		<u>SAND, GRAVEL, RIVER ROCK</u>		
<u>35</u>	<u>42</u>		<u>BRN CLAY</u>		
<u>42</u>	<u>47</u>		<u>CEMENTED SAND + GRAVEL</u>		
<u>47</u>	<u>52</u>		<u>COARSE TAN SAND</u>		
<u>52</u>	<u>53</u>		<u>TAN CLAY</u>		
<u>53</u>	<u>59</u>		<u>MED-COARSE TAN SAND</u>		
<u>59</u>	<u>67</u>		<u>TAN CLAY</u>		
<u>67</u>	<u>76</u>		<u>MED SAND</u>		
<u>76</u>	<u>93</u>		<u>TAN CLAY</u>		
<u>93</u>	<u>102</u>		<u>MED SAND</u>		
<u>102</u>	<u>105</u>		<u>CLAY</u>		
<u>105</u>	<u>108</u>		<u>MED SAND</u>		
<u>108</u>	<u>128</u>		<u>TAN CLAY</u>		
<u>128</u>	<u>130</u>		<u>MED-COARSE TAN SAND</u>		
<u>130</u>	<u>131</u>		<u>FINE TAN SAND</u>		
<u>131</u>	<u>137</u>		<u>TAN CLAY</u>		
<u>137</u>	<u>154</u>		<u>MED-COARSE SAND</u>		
<u>154</u>	<u>167</u>		<u>TAN CLAY</u>		
<u>167</u>	<u>172</u>		<u>COARSE SAND</u>		
<u>172</u>	<u>187</u>		<u>MED-COARSE SAND</u>		
<u>187</u>	<u>192</u>		<u>TAN CLAY</u>		

RECEIVED

MAR 17 2005

WATER RESOURCES
WESTERN REGIONCompleted Depth 189' (Measurable)Date Started 2-24-05 Completed 3-18-05

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name RIVERSIDE INC Firm No 333Principal Driller Jeff Hall Date 3-15-05Driller or Operator [Signature] Date 3-15-05Operator [Signature] Date _____
Principal Driller and P.O. Operator required.

DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

RECEIVED
JUL 18 1988

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name Marilyn Blickenstaff
Address 1714 N. 18th St.
Boise, ID 83702
Owner's Permit No. 63-10572

2. NATURE OF WORK

63-88-2-037
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (Specify type)

4. METHOD DRILLED

☐ Rotary ☐ Air ☐ Hydraulic ☒ Reverse rotary
☐ Cable ☐ Aug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ K55 Steel ☐ Concrete ☐ Other

Thickness	Diameter	From	To
250 inches	16 inches	+1 feet	159 feet
250 inches	16 inches	169 feet	209 feet
250 inches	16 inches	219 feet	259 feet
250 inches	16 inches	299 feet	319 feet

Was casing drive shoe used? ☐ Yes ☒ No

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches

Number	From	To
perforations	feet	feet
perforations	feet	feet
perforations	feet	feet

Well screen installed? ☒ Yes ☐ No

Manufacturer's name Roscon Ross Wirewrap

Type _____ Model No. _____

Diameter 16 Slot size 0.075 from 159 feet to 169 feet

Diameter 16 Slot size 0.075 from 209 feet to 219 feet

Gravel pack? ☒ Yes ☐ No ☐ Size of gravel 1/4 inches

Placed from 19 feet to 323 feet

Surface seal depth 18 Material used in seal: ☐ Cement grout

☐ Bentonite ☒ Pudding clay ☐ _____

Sealing procedure used: ☐ Sherry pit ☐ Temp. surface casing

☒ Overbore to seal depth

Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent

☐ Welded ☐ Cemented between strings

Describe access port 2"

7. WATER LEVEL

Department of Water Resources

Static water level 30 feet below land surface.

Flowing? ☐ Yes ☐ No G.P.M. flow _____

Artesian closed-in pressure _____ p.s.i.

Controlled by: ☐ Valve ☐ Cap ☐ Plug

Temperature _____ OF. Quality _____

Gravel or other in temperature zones below

8. WELL TEST DATA

☐ Pump ☐ Bailor ☐ Air ☐ Other

Discharge G.P.M.	Pumping Level	Notes Pump

9. LITHOLOGIC LOG

WATER LEVEL 30

Bore Diam.	Depth		Material
	From	To	
28	0	6	Topsoil
	6	7	Caliche
	7	10	Rock
	10	25	Rock & Gravel
	25	32	Rock & Sand
	32	42	Clay
	42	53	Sand
	53	55	Sand-Fine Gray w/pcs. Brn. Sandstone
	55	66	Clay
	66	70	Fine Sand
	70	73	Clay
	73	77	Sand
	77	90	Sand
	90	96	Clay
	96	106	Sand
	106	113	Clay-Brn.
	113	124	Clay-Brn. & Gry.
	124	127	Fine to Med. Sand
	127	133	Clay-Lst.Ft.Snd.&Clay
	133	157	Clay
	157	173	Sand
	173	186	Clay
	186	196	Sand
	196	213	Clay
	213	230	Sand
	230	240	Clay
	240	250	Gray Sand
	250	253	26 Clay
	253	260	Sand & Clay
	260	300	Sand
300	323	Clay	

10.

Work started 4/30/88 finished 5/3/88

FILED EFFECTIVE

ORIGINAL

STATEMENT OF CONVERSION

11 JUN 21 AM 11:51

Of

S.W. LOAN, LLP

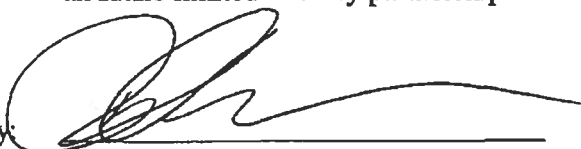
(An Idaho limited liability partnership)

SECRETARY OF STATE
STATE OF IDAHO

Pursuant to the provisions of Section 30-18-401 *et seq.* of the Idaho Entity Transaction Act, S.W. LOAN, LLP, an Idaho limited liability partnership (hereinafter "S.W. LOAN") as the converting entity, certifies the following Statement of Conversion adopted for the purpose of effecting a conversion of S.W. LOAN, LLP, an Idaho limited liability partnership into THE CLUB AT SPURWING, LLC, an Idaho limited liability company (the "The CLUB AT SPURWING"), as the converted entity in accordance with the provisions of the Idaho Entity Transaction Act.

1. Converting Entity. The converting entity is S.W. LOAN, LLP, an Idaho limited liability partnership.
2. Converted Entity. The converted entity is THE CLUB AT SPURWING, LLC, an Idaho limited liability company.
3. Approval of Conversion. The conversion of S.W. LOAN into THE CLUB AT SPURWING was duly authorized and approved by the Partners of S.W. LOAN, and upon conversion, the remaining partner will become the sole Member of THE CLUB AT SPURWING.
4. Organic Documents of The Club at Spurwing. The Certificate of Organization of The CLUB AT SPURWING is attached hereto as *Exhibit A*.
5. Effective Date. The effective date of the Conversion of the S.W. LOAN into The CLUB AT SPURWING shall be the date of filing of this Statement of Conversion with the Idaho Secretary of State pursuant to § 30-18-405 of the Idaho Entity Transaction Act.

S.W. LOAN, LLP,
an Idaho limited liability partnership

By: 

Roger L. Anderson, Authorized General Partner

IDAHO SECRETARY OF STATE
06/21/2011 05:00
CK: 21623 CT: 28160 BH: 1279383
1 @ 30.00 = 30.00 CONVERSION # 2
1 @ 20.00 = 20.00 EXPEDITE C # 3

FILED EFFECTIVE ORIGINAL



CERTIFICATE OF ORGANIZATION LIMITED LIABILITY COMPANY

(Instructions on back of application)

11 JUN 21 AM 11:51

SECRETARY OF STATE
STATE OF IDAHO

1. The name of the limited liability company is:

THE CLUB AT SPURWING, LLC

2. The complete street and mailing addresses of the initial designated/principal office:

3405 E OVERLAND ROAD, SUITE 150 MERIDIAN, IDAHO 83642

(Street Address)

(Mailing Address, if different than street address)

3. The name and complete street address of the registered agent:

ROGER L. ANDERSON

(Name)

3405 E OVERLAND ROAD, STE 150 MERIDIAN, ID

(Street Address)

4. The name and address of at least one member or manager of the limited liability company:

Name

Address

ROGER L. ANDERSON

3405 E OVERLAND ROAD, STE 150 MERIDIAN, ID

5. Mailing address for future correspondence (annual report notices):

3405 E OVERLAND ROAD, STE 150 MERIDIAN, ID

6. Future effective date of filing (optional): _____

Signature of a manager, member or authorized person.

Signature

Typed Name: Roger L. Anderson

Signature

Typed Name:

Secretary of State use only

IDAHO SECRETARY OF STATE
06/21/2011 05:00
CK: 21623 CT: 20168 BH: 1279383
1 @ 30.00 = 30.00 CONVERSION # 2
1 @ 20.00 = 20.00 EXPEDITE C # 3

cert_org_fic Rev. 07/2010

W104344

December 27, 2012

LEGAL NOTICE DEPARTMENT
IDAHO STATESMAN
PO BOX 40
BOISE, ID 83707

RE: Application for Permit No: 63-33691
Application for Extension No: 63-33706
Notice of Draft Permit

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 1/22/2013. Your cooperation is appreciated.

Sincerely,

Rachel Sommer
Administrative Assistant

Enclosures

The following application has been filed to appropriate the public waters of the State of Idaho:
63-33691

THE CLUB AT SPURWING LLC
3405 E OVERLAND RD STE 150

MERIDIAN, ID 83642

Point of Diversion SWSE S23 T04N R01W ADA County

Source GROUND WATER

Use: AESTHETIC STORAGE 01/01 to 12/31 80 AF

Use: DIVERSION TO STORAGE 01/01 to 12/31 0.89 CFS

Total Diversion: 0.89 CFS

Date Filed: 8/22/2012

Place Of Use: AESTHETIC STORAGE T04N R01W S23 SESW SWSE SESE

Water bearing zone to be appropriated is from 201 to 350 feet. Use is to fill and maintain 3 new ponds that will not use shallow ground water.

SCS Investments LLC of 855 Broad St., Ste 300, Boise, ID 83702 filed an Application proposing an Extension of Time to Avoid Forfeiture for Water Right No. 63-33706 with a 1953 priority from ground water totaling 1.03 cfs. The irrigation right has been used within the last 5 years. The right serves property located 1.3 miles east of Emmett Hwy. 16 and 0.5 miles south of Beacon Light. The applicant proposes to resume use of the right by 2017. The applicant requests the extension of time to evaluate options for beneficial use of the property and possible repairs/upgrades to the well.

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, please see www.idwr.idaho.gov/apps/ExtSearch/WRFiling.asp. For specific details of the extension see this link www.idwr.idaho.gov/apps/ExtSearch/SearchWRAJ.asp using right no 63-33706. Protests may be submitted based on the criteria of Sec 42-203A and 42-222, Idaho Code. Any protest against the approval of this 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 1-22-2013. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on 1/3/2013 and 1/10/2013

NOTICE OF DRAFT PERMIT

Notice is given of draft permit(s) allowing the operation of an injection well as per provisions of Title 42, Chapter 39, Idaho Code for the following injection well(s) listed in this format: Well Number, Location, Operator, Injectate: 63W226001, T3N R2E S35 NENENW, United Water, treated drinking water. Copies can be requested from the Idaho Department of Water Resources at (208) 287-4800. Comments or requests for fact-finding hearings must be filed with the Department within 30 days of the initial publication date of this notice.

Gary Spackman, Director.

Published on 1/3/2013 and 1/10/2013.



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

PHONE: (208) 334-2190 FAX: (208) 334-2348 www.idwr.idaho.gov

C.L. "BUTCH" OTTER, Governor
GARY SPACKMAN, Director

October 9, 2012

THE CLUB AT SPURWING LLC
C/O CHUCK CHRISTENSEN PE
QUADRANT CONSULTING INC
1904 W OVERLAND
BOISE ID 83705

Re: Application for Permit No. 63-33691

Dear Applicant:

The above referenced application for a new well and new ponds was filed recently and included a request to expedite processing. Additionally, a well driller called this office and mentioned expedited processing so the driller can get started.

The proposed well will serve this application and also be a replacement well for irrigation water right 63-31860. The existing well is about 190 feet deep. The proposed well is anticipated to be about 350 feet deep. Application 63-33691 mentions water below 200 feet deep to be diverted. To avoid problems with shallow ground water (< 200 ft. deep) within the fully appropriated reach of the Boise River upstream from Star, the applicant must identify the proposed water bearing zone to be appropriated ("from ___ to ___ feet"). Please provide that specific information.

Application items 4, 5b, 6b, 6e, 11, 13 and the correct fee need attention. Please see the enclosed notes for details about those items.

An amended application and additional payment should be provided within thirty (30) days for the application to be expedited. The application will be voided without a timely written reply. Refunds are not issued for voided applications.

Please contact me at 334-2190 if you have any questions. Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Steve Lester'.

Steve Lester
Water Rights Supervisor

Enclosure

APPLICATION 63-33691 NOTES – PREPARED BY IDWR

Copy of appl included, some items flagged.

Application & maps show 3 ponds cover about 6.7 acres (293,000 sq. ft.) with 55 acre-feet capacity.

Assume 7 acres covered by ponds, suggests about 8 ft. average depth. Please confirm that is correct.

7 acres of ponds means about 15 to 25 af evaporation during growing season (rest of year de minimus). Evaporation estimates for 7 acres from:

- ET Idaho 2012 website, Boise WFSO Airport, open water-shallow systems, 15 af
- Pond Evaporation Map, copy enclosed (website appears to be outdated), 25 af
- IDWR Consumptive Irrigation standard locally (3.5 af/acre), 25 af.

Best water right, assume about 25 af evaporation + 55 af capacity = 80 af application.

Item 4

Capacity & evaporation listed as 1 entry: 80 af aesthetic storage.

Need: Diversion to Storage, 0.11 cfs, Jan. 1-Dec. 31.

Item 5b: 80 af.

Item 6b, assume 55 af for both active & total capacity.

Item 6e, well drilled for owner & drilling permit # N/A for proposed well.

Item 11, list water bearing zone to be appropriated (201 to 350 ft?).

Item 13, map, ponds not shown to ¼ ¼ of section, can use enclosed map if preferred.

Fee: \$100 for 0.11 cfs, \$250 for 80 af storage, highest fee required, paid \$100, balance due \$150.

Other

Surface water to ponds, explained in appl cover letter. Show surface water will not add increment of storage to ponds – surface water will be “water in/water out” without acting as storage.

Cfs of surface water for acres irrigated from ponds times 2 is af /day. Can put that volume in ponds & divert it to irrigated land without surface water acting as storage.

If acts as storage, irrigation delivery organization needs Application for Transfer: change nature of use of some irrigation to “irrigation storage/irrigation from storage.”

RECEIVED

AUG 22 2012

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESIdent. No. 63-33691

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant(s) The Club at Spurwing, LLC Phone 322-7300
 Name connector (check one): ☐ and ☐ or ☐ and/or
 Mailing address: 3405 East Overland Rd, Suite 150 City Meridian
 State ID Zip 83642 Email: chris@sundanceco.com
2. Source of water supply groundwater 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 #
4N	1W	23		SW	SE		Ada	groundwater	none -
									new right

4. Water will be used for the following purposes:

Amount 29 ac-ft for evaporation purposes from Jan 1 to Dec 31 (both dates inclusive)
 (cfs or acre-feet per year)

Amount 55 ac-ft for aesthetic storage purposes from Jan 1 to Dec 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)

5. Total quantity to be appropriated is (a) 0.11 cubic feet per second (cfs) and/or (b) 79 acre-feet per year (af).

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source. Groundwater well - new to replace existing well tag #0038765, Diversion below 200 feet

b. Height of storage dam n/a feet; active reservoir capacity _____ acre-feet; total reservoir capacity deep _____ 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 12-16 inches; proposed depth of well is 350 feet.

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

e. If well is already drilled, when? n/a; drilling firm n/a;

Well was drilled for (well owner) Original - LeRoy Brandt; Drilling Permit No. Original -

7. Description of proposed uses (if irrigation only, go to item 8): Farwest LLC 887103-829885

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

b. Stockwatering; list number and kind of livestock. n/a

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

d. Domestic; show number of households n/a

e. Other; describe fully. Ponds to be filled with new water right, and new right to accommodate evaporation from pond. Irrigation uses to come from existing surface rights and existing groundwater irrigation right.
See cover letter

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	
4N	1W	23												J			J	J	

Total number of acres to be irrigated: n/a

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? None.

10. a. Who owns the property at the point of diversion? The Club at Spurwing, LLC
- b. Who owns the land to be irrigated or place of use? The Club at Spurwing, LLC & S.W. Loan, LLP
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: see attachment

11. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. See attachment

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.

Chris Anderson

Signature of Applicant

Chris Anderson, Manager

Print Name (and title, if applicable)

Signature of Applicant

Print Name (and title, if applicable)

For Department Use:

Received by RS Date 8-22-12 Time 4pm Preliminary check by _____

Fee \$ 100- Received by RS Receipt No. W040513 Date 8-22-12

T4N R1W SEC. 23



2011 photo
pumps out to suble

ET Idaho 2012 -- Evapotranspiration and Consumptive Irrigation Water Requirements for Idaho

Please send suggestions for improving this site to robison@kimberly.uidaho.edu Copyright 2012, University of Idaho.

Boise WSFO Airport (NWS -- 101022)

Statistics based on thirty year normal spans 1979 to 2010 years

For a different land cover or crop click on the above link.

You can highlight this table and copy via the clipboard to a Microsoft Excel or OpenOffice spreadsheet to plot or otherwise work with this data.

Open water - shallow systems (ponds, streams)

Precipitation Deficit (Click here for a graph)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Growing Season ^a	Non Growing Season ^b	Annual
Mean^j															
Monthly ^c	-0.66	0.08	0.74	2.01	2.65	4.05	4.79	4.05	2.79	1.54	-0.43	-0.89	634	0	634
15-Day Moving Average ^d	-0.65	-0.13	0.72	2.07	2.72	4.10	4.85	4.02	2.72	1.56	-0.41	-0.82			
7-Day Moving Average ^e	-0.68	-0.04	0.73	2.00	2.67	4.10	4.82	4.04	2.73	1.53	-0.45	-0.87			
3-Day Moving Average ^f	-0.67	0.05	0.73	2.01	2.64	4.07	4.79	4.05	2.78	1.53	-0.42	-0.89			
Standard Deviation^k															
Monthly ^c	0.74	0.68	1.32	0.81	1.96	0.84	0.60	0.84	0.82	0.92	0.68	1.24	108	0	108
15-Day Moving Average ^d	0.77	0.95	1.24	0.96	1.81	1.04	0.55	0.80	1.02	0.95	0.83	1.03			
7-Day Moving Average ^e	1.10	1.24	1.56	1.55	2.39	1.47	0.74	1.14	1.40	1.33	1.18	1.42			
3-Day Moving Average ^f	1.50	1.57	2.11	2.31	3.15	2.02	1.16	1.61	1.86	1.77	1.65	1.96			
20% Exceedance^l															
Monthly ^c	-0.26	0.73	1.54	2.61	3.66	4.85	5.11	4.51	3.39	1.98	0.07	-0.19	732	0	732
15-Day Moving Average ^d	0.31	0.96	2.45	3.38	5.01	5.46	5.61	4.85	3.90	2.74	0.85	0.36			

POND EVAPORATION MAP

Estimate AF lost to evaporation

Data

Pond surface area - acres

Inches/year evap - best fit from map

Convert inches of loss/year to feet

AF loss = feet x acres

Example

Pond covers 5 acres in nw Ada County

Average depth = 10 ft

Pond capacity = 5 ac x 10 ft = 50 AF

Inches of loss/year = 42 (between 40 & 45)

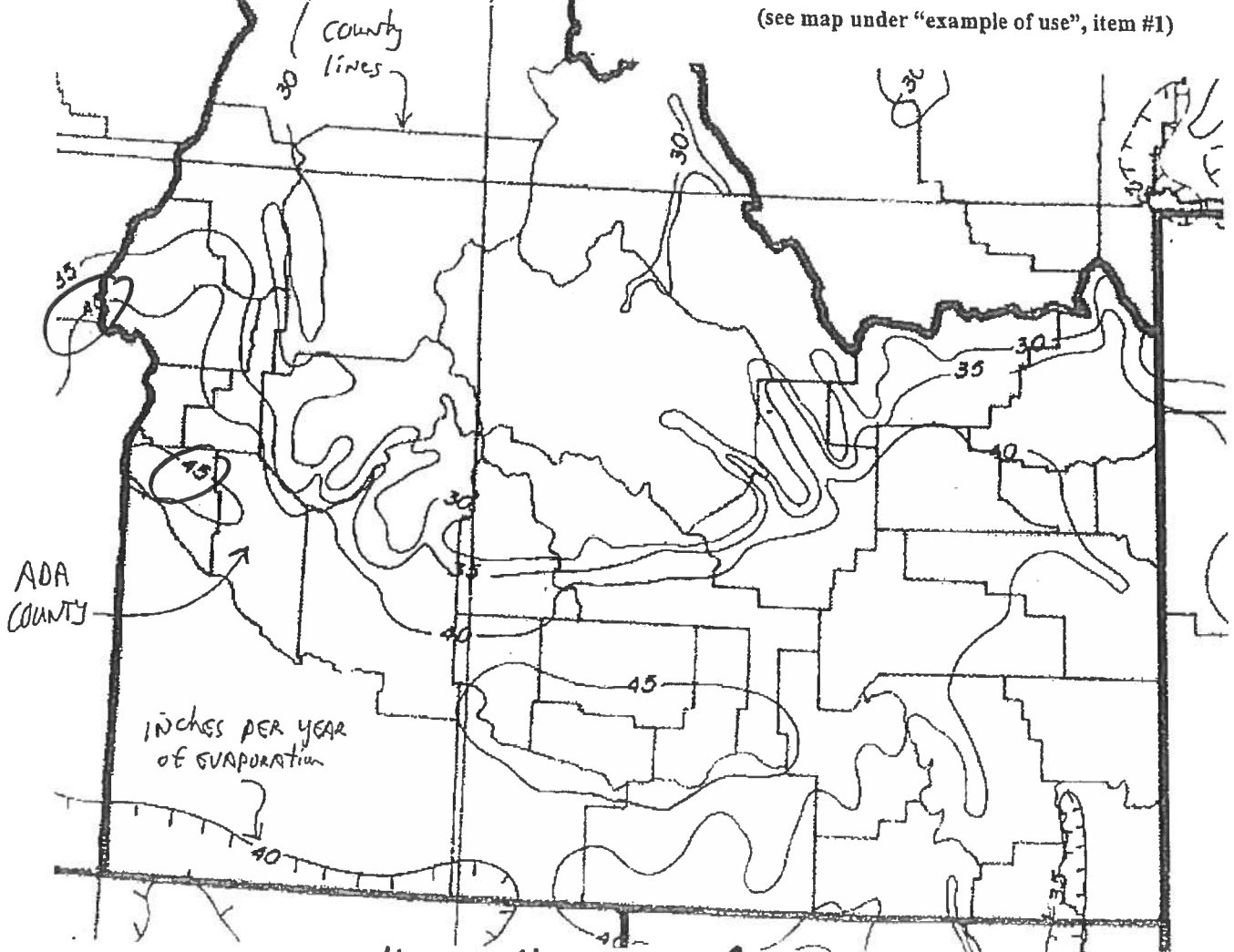
AF loss = $(42/12) \times 5 = 17.5$ AF

WR COVERAGE NEEDED = CAPACITY + LOSS

Need $50 + 17.5 = 67.5$ AF

http://snow.ag.uidaho.edu/publications/pond_evap/pond.html

(see map under "example of use", item #1)



Assume e 42 1/2 " this Appl



October 16, 2012

RECEIVED

OCT 16 2012

WATER RESOURCES
WESTERN REGION

Mr. Steve Lester
Idaho Department of Water Resources
2735 Airport Way
Boise, ID 83705-5082

Re: Application for Permit No. 63-33691

Dear Steve,

I have attached a modified application for your further review and processing.

Thanks for your help with this.

If you have any questions, please give me a call.

Sincerely,
QUADRANT CONSULTING, INC.

A handwritten signature in blue ink, appearing to read "Christensen", is written over the printed name.

Chuck Christensen, P.E.
Project Manager

attachment



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

PHONE: (208) 334-2190 FAX: (208) 334-2348 www.idwr.idaho.gov

C.L. "BUTCH" OTTER, Governor
GARY SPACKMAN, Director

October 12, 2012

THE CLUB AT SPURWING LLC
C/O CHUCK CHRISTENSEN PE
QUADRANT CONSULTING INC
1904 W OVERLAND
BOISE ID 83705

** SENT BY FAX **

↓ *
NOT SENT BUT KEPT
FOR THE RECORD

Re: Application for Permit No. 63-33691

Dear Applicant:

Please consider this an addendum to my October 9 letter. I overlooked an important factor in the earlier letter. Please excuse that mistake.

The department approved Permit 63-32811 for Spurwing (Pacific Links) in December 2010. That permit covers a shallow ground water pond mitigated by retirement of some irrigation water provided by Eureka Water Company. The pond is not too far from the ponds proposed in Application 63-33691.

The approved permit identified shallow ground water to be intercepted by excavation. Deeper ground water was not involved. Because that pond and the ponds proposed in this new application are in somewhat close proximity and are associated to some degree with irrigated land, one must assume the application ponds will also tap shallow ground water. Shallow ground water in this location cannot be appropriated unless the new consumptive use is mitigated with respect to the Boise River upstream from Star.

Please explain how (a) mitigation will be provided for the use of shallow ground water for the proposed ponds, or how (b) shallow ground water will not be involved with the proposed ponds. This extra information is also due within the thirty (30) day period noted in the prior letter.

Thank you for your attention to this matter.

Sincerely,

Steve Lester
Water Rights Supervisor

*-he called just before was going to fax:
-discussed the issue
-said his research (geotech logs etc) shows
won't intercept gws with excavation here
-plus plans to five ponds, will discuss
in his written response.
-it is shallow gws. ✓

August 22, 2012

Steve Lester
Idaho Dept. of Water Resources

RECEIVED

AUG 22 2012

WATER RESOURCES
WESTERN REGION

Dear Mr Lester,

Please expedite the processing of the attached permit. The property owner is anxious to start construction as soon as possible.

Thank you for your consideration.

Chuck Christensen



August 21, 2012

Idaho Department of Water Resources
2735 Airport Way
Boise, ID 83705-5082

RECEIVED

AUG 22 2012

WATER RESOURCES
WESTERN REGION

Re: Application for New Water Right – The Club at Spurwing, LLC

To Whom It May Concern:

On behalf of The Club at Spurwing, LLC, we are requesting a new water right for three ponds on their property north of Chinden Boulevard, west of Linder Road. The proposed ponds are part of a new golf course to be constructed on the site and are shown on the attached Exhibit A. The permit application is also attached. The water rights being sought are an evaporation right and an aesthetic storage right. No irrigation rights are needed since they are already in place.

Currently, the property receives surface water for irrigation use through the North Slough. Two wells exist on the site, both of which have shoulder season irrigation rights. One well (Permit No. 63-10572), near Pond A, will remain and will continue to be used for shoulder season irrigation. The other well which is on the north side of Chinden near Long Lake Way (Tag No. 0038765) is to be abandoned and relocated. The new well will be located in the same 40 acre parcel. The new well will be deeper than the existing well and will draw water from a depth below 200'. This is the well for which a new right is being sought.

The attached exhibit shows conceptually how the surface water will be used to provide irrigation water to the ponds. Water will be diverted from the North Slough after it crosses beneath Chinden. It will run through a measuring device, then directed through an underground pipe to Pond C. From Pond C, water will run through underground pipes to Ponds B and A, respectively. Any overflow water will run from Pond C back into the newly tiled North Slough.

The proposed well near Pond C will be used to fill the ponds and will be used to provide shoulder season irrigation water to Pond C, under existing water right, 63-31860. A pressurized irrigation system will be built to take water out of Pond C to irrigate property in the southeast quarter of Section 23, Township 4 North, Range 1 West. The point of diversion and the point of use remain unchanged for this existing water right.

The existing well near Pond A in the southeast quarter of the southwest quarter of Section 23, Township 4 North, Range 1 West will remain. This well also has a shoulder season irrigation

August 21, 2012



right associated with it, number 63-10572. Water from this well will continue to be used as it is currently used, for irrigating the existing golf course to the west and the north. The exit point of the pipe from the well will be modified to dump into Pond C, which will overflow into the North Slough, rather than dumping into the North Slough directly, which is what it does now.

The property is currently owned by two entities, The Club at Spurwing, LLC and SW Loan, LLP. However, as shown on the attached "Statement of Conversion," SW Loan LLP has converted to The Club at Spurwing, LLC. So, they are now identical.

Thank you for your attention to this matter. If you have any questions, please don't hesitate to contact me.

Sincerely,

QUADRANT CONSULTING, INC.

A handwritten signature in cursive script that reads "Christensen".

Chuck Christensen, P.E.

Principal

attachments