

12/20/2006

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 67-14512

NAME AND ADDRESS: CITY OF CAMBRIDGE
PO BOX 220
CAMBRIDGE ID 83610

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 0.370 CFS

PRIORITY DATE: 06/30/1956

POINT OF DIVERSION:

T14N R03W S3 SESE Within WASHINGTON County

PURPOSE AND
PERIOD OF USE:

PURPOSE OF USE

PERIOD OF USE

QUANTITY

MUNICIPAL

01/01 12/31

0.370 CFS

PLACE OF USE:

Place of use is within the city of Cambridge and surrounding service area.

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use



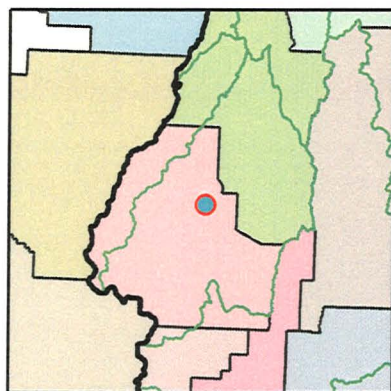
City Of Cambridge

SRBA Recommendations: 67-2306, 67-7377, 67-10970, 67-14512

Service Area Boundary
GIS Place of Use Illustration

Legend

-  Service Area
-  Townships
-  PLS Sections
-  Quarter Quarters



Washington County
IDWR Basin 67



0 0.3 0.6 Miles



Prepared by A. Warntjes
On Thursday, November 16, 2006
1987/88 Aerial Photography



HOLLADAY ENGINEERING CO.

ENGINEERS • CONSULTANTS

32 N. Main P.O. Box 235 Payette, ID 83661
(208) 642-3304 • Fax # (208) 642-2159

December 1, 2006

Dave Tuthill
IDWR Regional Office
322 E Front St, PO Box 83720
Boise, ID 83720-0098

Re: City of Cambridge
Water Right Claim Number 67-145¹²~~21~~

12-20-06
I talked to Andy
this morning & he agreed to
.37 cfs for a flow rate
based on 67-10970 receiving
.223 cfs. Anita Wainwright

Dear Mr. Tuthill,

As requested in the Extra Notice dated November 20, 2006, we are providing evidence regarding rate of flow provided by the system. Please consider the following supporting information in your recommendation:

1. On June 30, 1956, the City completed a second municipal well located in the SE, SE of Section 3, T 14 N, R 3W. The 12-inch diameter well was constructed to a depth of 504 feet. The well log is shown in Document 1 (attached). The well location description is not correct on the well log, so a later well log dated 1962 has also been attached showing that logs refer to the same well.
2. No records of well production rate could be found in City records. The well log lists an eight hour pump test flow rate of 125 gallons per minute (gpm) using a 5-inch Peerless pump.
3. The U.S. Census Bureau published a year 1950 population of 354 for the City of Cambridge and a 1960 population of 473. Using linear interpolation of the census data, the 1956 population would have been approximately 425. The 2006 maximum daily water demand was determined to be 924 gallons per day per capita based on actual flow meter records. Applying 2006 water usage values of 924 gallons per day per capita based on an estimated 1956 service population of 425, the maximum day demand would have been approximately 393,000 gallons for the entire City. This is equivalent to 273 gallons per minute (0.61 cfs). Based on this analysis, a flow rate of 0.59 cfs would have been necessary to serve the estimated service population in 1956. See attached documentation of U.S. Census Bureau population data (Document 2).

If you have any questions, please contact me at (208) 642-3304.

Sincerely,

But,
67-10970 is to
.223 cfs, so
recommend this
one at
(.59 - .223 = .37)
(Not much about
125 gpm)

HOLLADAY ENGINEERING COMPANY

By: 
Andrew J. Gehrke, P.E.

Cc: City of Cambridge

Attachments

I:\CA\082003\WN water rights\IDWRWRLetter 12-1-06 14512.doc

11/14/2006

NOTICE OF ERROR
REPLY

Please type or print clearly, fill out this form completely and mail.

Return this reply form to IDWR by the deadline date printed below if you want IDWR to change your recommendation or you want to let IDWR know that you agree with its recommendation.

YOUR DEADLINE FOR RETURNING A NOTICE OF ERROR REPLY IS: December 8, 2006

Water right number: 67-14512

CITY OF CAMBRIDGE

PO BOX 220

CAMBRIDGE ID 83610

Telephone Number: (208) 257-3318

1. Describe the portion of the proposed recommendation with which you disagree (e.g. priority date, period of use, source):

We disagree with the recommendation for disallowal.

2. Describe the changes you wish to make in the proposed recommendation:

Recommendation for approval with convincing supporting information.

3. Give a brief explanation as to why you disagree with these portions:

The well log lists a date of well completion of June 30, 1956. A rate of flow of approximately 0.59cfs would have been necessary to support the population of Cambridge in 1956. See attached documentation.

____ I AGREE with this proposed recommendation: no changes need to be made.

DATE: 12/5/06

SIGNATURE: Mike Campbell

Please print your name: Mike Campbell

IDWR Regional Office, 322 E Front St
PO Box 83720, Boise, ID 83720-0098, 2082874800

DOCUMENT 1

WELL #1

WELL LOG AND REPORT TO THE STATE RECLAMATION ENGINEER OF IDAHO

Log No. _____

Rec. _____, 19____

Well No. _____

Permit No. 9-26339

(DO NOT FILL IN)

Owner Village of Cambridge Address Cambridge, Idaho
 Driller Rich Kshlak Address Box 360A, Caldwell, Idaho Lic. No. 30
 Location of Well: NE 1/4 NE 1/4 Sec. 10, T. 14 N/S, R. E/W Washington County,
 and _____ feet N/S, and _____ feet E/W from _____ Corner of _____ 1/4 Sec.
 Size of Drilled Hole 12" Total depth of Well 504'
 Give depth of standing water from surface 31' Water Temp. _____ °Fahrenheit
 On pumping test delivery was 125 g.p.m. or _____ c.f.s. Drawdown was 100 feet.
 Size of pump and motor used to make the test 5" Peerless with John Deere Tractor
 Length of time pumped during check was eight hr., 10 minutes.
 If flowing well, give flow in c.f.s. _____ or g.p.m. _____ and shut in pressure _____
 If flowing well, describe control works _____
 (TYPE AND SIZE OF VALVE, ETC.)

Water will be used for Municipal Waterworks Weight of casing per linear foot 44#
 Thickness of casing _____ Casing material Pipe
 E.G., PIPE, CONCRETE, WOOD.
 Diameter, length and location of casing 203'-11"-12" 42# 144'-11"-94# 76'-0"-10"
 (CASING 12" IN DIAMETER AND UNDER GIVE INSIDE DIAMETER;
 CASING OVER 12" IN DIAMETER GIVE OUTSIDE DIAMETER.)
 Number and size of perforations _____ located 135 feet to 140 feet
 from surface of ground.
 Other perforations 150'-157', 263'-272', 345'-345', 357'-417'
 Date of commencement of well Apr 24, 1956 Date of completion of well June 30, 1956
 Type of well rig Star 71

CASING RECORD

DIAM. CASING	FROM FEET	TO FEET	LENGTH	REMARKS -- SEALS, GROUTING, ETC.
12"	0'	203'-11"	203'-11"	42#
12"	203'-11"	348'-8"	144'-9"	44#
10"	332'-8"	414'-8"	76'-0"	

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

Water is very salt, clear & pleasing to the taste, but of limited quantity

WELL LOG

From Feet	To Feet	Type of Material	Drilling Time		Water-bearing Formation Ans. Yes or No	Casing Perforated Ans. Yes or No
			Hrs.	Min.		
0	2	Top soil				
2	8	Blue & mottled hard boulders				
8	19	Cement gravel				
19	39	Silt, chunks of clay, loose gravel				
39	56	Heavy sandy clay & chunks of shale				
56	63	Sandy silt, red iron, broken clay				
63	85	Sandy silt, trace of blue shale				
85	94	Sandy clay				
94	110	Hard blue shale				
110	138	Sticky blue shale				
138	143	Medium sand & trace of clay	135	140	yes	yes
143	146	Heavy green clay				
146	148	Fine sand			yes	yes
148	149	Conglomerate, shale & sand	150	157	yes	yes
179	232	Hard sticky blue clay				
232	245	Hard blue shale				
245	264	Blue shale & sandstone				
264	265	Coarse sand	263	272	yes	yes

If more space is required use Sheet No. 2

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true and correct to the best of my knowledge and belief.

Signed _____

By _____

License No. _____

Dated _____ 19__

SHEET NO. 2

Well Driller.....

Well Location.....

WELL LOG

[illegible]

For Village

The 1956 well
was drilled
deeper in 1962

WELL LOG AND REPORT OF THE STATE RECLAMATION ENGINEER OF IDAHO

Permit No. _____ Well No. _____ County _____

Owner _____

Address _____

Driller Wm. M. Lukehart, d/b/a Lukehart Drilling & Pump Co.Address 1819 Federal Way, Boise, IdahoWell location SE 1/4 SE 1/4 Sec. 3, T. 14 N., R. 3 E., W. 8Size of drilled hole 8"

Locate well in section

NW 1/4	NE 1/4
SW 1/4	SE 1/4

Total depth of well 929'Give depth to standing water from the ground flow Water temp. 70 °Fahr.

On "Pumping Test" delivery was _____ g.p.m. or _____ c.f.s. Drawdown was _____ feet.

Size of pump and motor used to make test noneLength of time of test none hours _____ minutes.If flowing well, give flow _____ c.f.s. or 400 g.p.m. and of shut off pressure 29 lbsIf flowing well, described control works 125 lb. Crane 8" Valve
(TYPE AND SIZE OF VALVE, ETC.)Water will be used for _____ Weight of casing per lineal foot 10" 34lb. 8" 25 lb.Thickness of casing .250 in. Casing material Steel
(STEEL, CONCRETE, WOOD, ETC.)Diameter, length and location of casing 517' of 10", from surface; 906' of 8" from surface.
(CASING 12" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER;
CASING OVER 12" IN DIAMETER, GIVE OUTSIDE DIAMETER)

CASING RECORD

Diam. Casing	From Feet	To Feet	Length	Remarks—seals, grouting, etc.
10"	-0-	517'	517'	Casing setting in rock, cemented
8"	-0-	906'	906'	Casing setting in rock, cemented

Number and size of perforations None located _____ feet to _____ feet from groundDate of commencement of well July 5, 1962 Date of completion of well October 25, 1962.

THE HOLE FROM THIS WELL STAND OPEN

WELL LOG

From Feet	To Feet	Type of Material	Water-bearing Formation Ass. Yes or No	Casing Perforated Ass. Yes or No
500'	641'	Basalt (very hard) (dark color)	no	no
641'	651'	Brown clay	no	no
651'	654'	Grey shale	no	no
654'	706'	Basalt, very hard, dark color	no	no
706'	906'	Red bed clay	no	no
906'	929'	Basalt (hole started making water at 917')	yes	no
		NOTE: Attached hereto is a copy of a well log made by Rich Knoblock who originally drilled and cased well to depth of 504 feet in 1956. A signed copy of that log is on file in the office of the Department of Reclamation, State of Idaho, in connection with the filing of an application for permit in 1956 by the Village of Cambridge.		
		If more space is required use Sheet No. 2		

WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is true and correct to the best of my knowledge and belief.

Signed Leahart Milling Company.
By William L. Hart

By William. L. Lusk

Dated Dec. 3 1962

License No. 122

SHEET NO. 2

Well Driller

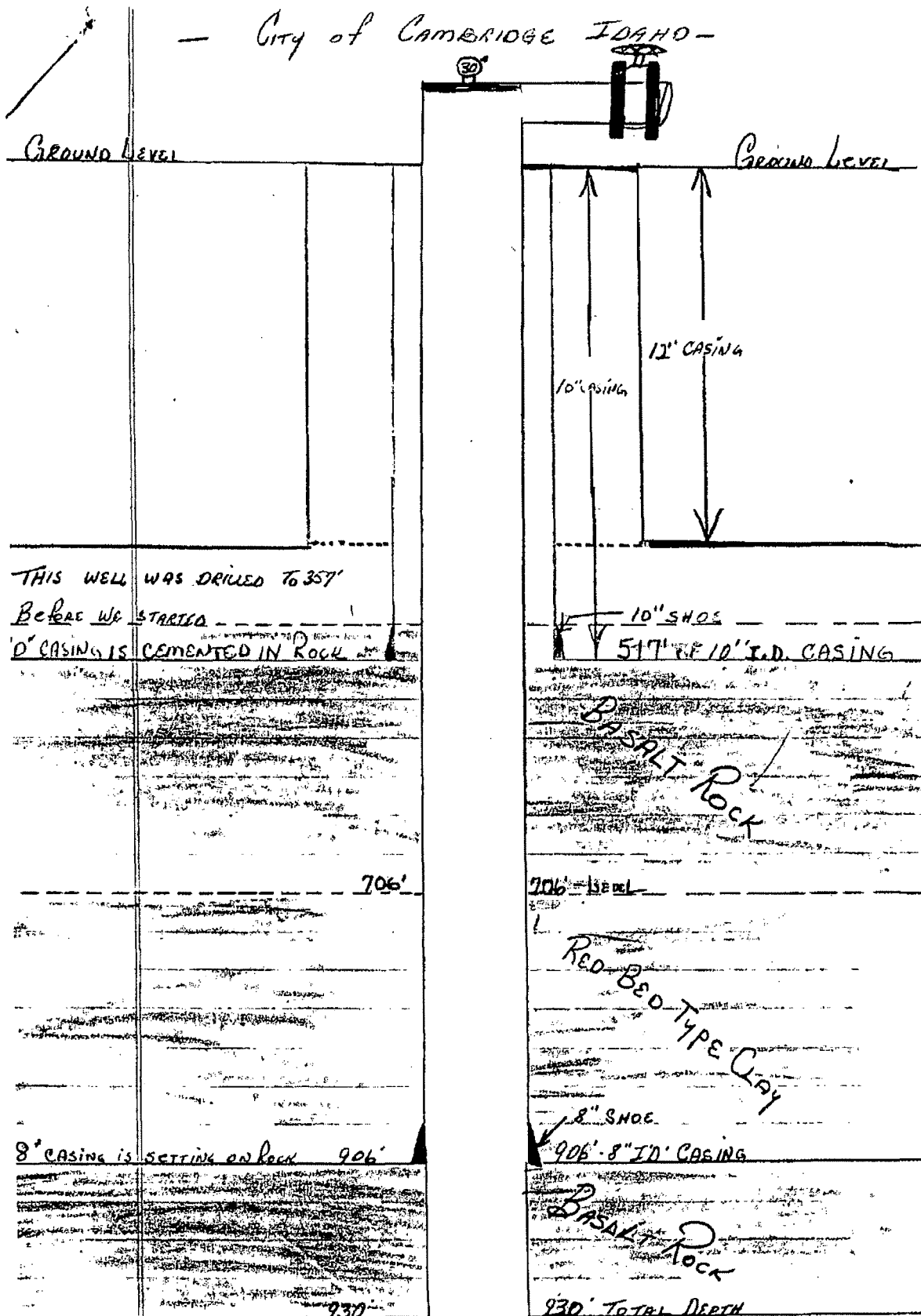
Well Location _____

WELL LOG

[illegible]

THE HOLE FROM 430' WELL STAND OPEN

— City of Cambridge IDAHO —



THIS WELL IS FLOWING 350 G.P.M. WITH 28" OF SHUT IN PRESSURE
 IF FOR ANY REASON THIS WELL SHOULD HAVE TO BE DEEPER
 THE HOLE FROM 930' WILL STAND OPEN

DOCUMENT 2

Historical Populations by City

Year 1940 1950 1960 1970 1980 1990 2000

Aberdeen	1,016	1,486	1,484	1,542	1,528	1,406	1,840
Acequia			107	107	100	106	144
Albion	357	610	415	229	286	305	262
American Falls	1,439	1,874	2,123	2,769	3,626	3,757	4,111
Ammon	363	447	1,882	2,545	4,669	5,002	6,187
Arco	548	961	1,562	1,244	1,241	1,016	1,026
Arimo	291	337	303	252	338	311	348
Ashton	1,203	1,256	1,242	1,187	1,219	1,114	1,129
Athol	120	226	214	190	312	346	676
Atomic City			141	24	34	25	25
Bancroft	406	495	416	366	505	393	382
Basalt	252	227	275	349	414	407	419
Bellevue	502	528	384	537	1,016	1,275	1,876
Blackfoot	3,681	5,180	7,378	8,716	10,065	9,646	10,419
Bliss		126	91	114	208	185	275
Bloomington	418	302	254	186	212	197	251
Boise City	26,130	34,393	34,481	74,990	102,249	125,738	185,787
Bonnars Ferry	1,345	1,776	1,921	1,909	1,906	2,193	2,515
Bovill	447	437	357	343	289	256	305
Buhl	2,414	2,870	3,059	2,975	3,629	3,516	3,985
Burley	5,329	5,924	7,508	8,279	8,781	8,702	9,316
Butte city			104	42	93	59	76
Caldwell	7,272	10,487	12,230	14,219	17,699	18,400	25,967
→ Cambridge	405	354	473	383	428	374	360
Carey						427	513
Cascade	1,029	943	923	833	945	877	997
Castleford			274	174	191	179	277
Challis	620	728	732	784	758	1,073	909
Chubbuck		120	1,590	2,924	7,052	7,791	9,700
Clark Fork	430	387	452	367	449	448	530
Clayton				36	43	26	27
Clifton	268	201	150	137	208	228	213
Coeur d'Alene	10,049	12,198	14,291	16,228	19,913	24,563	34,514
Cottonwood	673	689	1,081	867	941	822	944
Council	692	748	827	899	917	831	816
Craigmont	528	594	703	554	617	542	556
Crouch			89	71	69	75	154
Culdesac	219	175	209	211	261	280	378
Dalton Gardens			1,083	1,559	1,795	1,951	2,278
Dayton	364	287	212	198	368	357	444
Deary	320	320	349	411	539	529	552
Declo	238	219	237	251	276	279	338
Dietrich		160	118	84	101	127	150
Donnelly			161	114	139	135	138
Dover					190	294	342
Downey	673	748	726	586	645	626	613
Driggs	1,040	941	824	727	727	846	1,100
Drummond	66	59	31	13	25	37	15
Dubois	332	430	447	400	413	420	647
Eagle					2,620	3,327	11,085
East Hope	115	149	154	175	258	215	200
Eden	413	456	426	343	355	314	411

Year 1940 1950 1960 1970 1980 1990 2000

Elk River	337	312	382	383	265	149	156
Emmett	3,203	3,067	3,769	3,945	4,605	4,601	5,490
Fairfield	511	502	474	336	404	371	395
Ferdinand	223	206	176	157	144	135	145
Fernan Lake			134	179	178	170	186

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM

CIVIL CASE NUMBER: 39576

Ident. Number 67-14512
Date Received: 1/4/2005
Receipt No: W032498
Received By:

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name of Claimant(s)

CITY OF CAMBRIDGE Phone: (208)257-3918
PO BOX 220
CAMBRIDGE ID USA 83610

2. Date of Priority: 06/30/1956

3. Source: GROUND WATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of 1/4 of 1/4 Lot	County	Type
14N	03W	3	SE SE	WASHINGTON	

5. Description of diverting works:

12 inch well to a depth of 504 feet.

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or) A.F.A
MUNICIPAL	01/01	12/31	0.59	

7. Total Quantity Appropriated is:
0.59 C.F.S.

8. Total consumptive use:

9. Non-irrigation uses:

10. Place of use:

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
----------	-------	---------	------------	-----	-----	-------

11. Place of use in counties:

12. Do you own the property listed above as place of use? No

13. Other Water Rights Used:

14. Remarks:

Place of use is within the city of Cambridge and surrounding service area.

15. Basis of Claim: Beneficial Use

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM

CIVIL CASE NUMBER: 39576

Ident. Number

AL67-14512

Date Received

1-4-05

Receipt Number

W032498

NOTICE OF CLAIM
TO A
WATER RIGHT
ACQUIRED UNDER STATE LAW

RECEIVED

JAN 04 2005

WATER RESOURCES
WESTERN REGION

Please type or print clearly

1. Name of Claimant (s) City of Cambridge Phone (208) 257-3318
Mailing Address PO Box 220 Cambridge, ID Zip 83610

2. Date of Priority (Only one (1) per claim) 6/30/1956

3. Source of water supply (a) groundwater
which is tributary to (b) _____

4. a. Location of existing point of diversion is: Township 14N Range 3W Section 3,
1/4 of SE 1/4 of SE 1/4, Govt. Lot, B.M., County of Washington

Additional points of diversion if any: _____

b. If instream flow, beginning point of claimed instream flow is:

Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____ 1/4,

Govt. Lot _____ B.M., County of _____

ending point is: Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of

_____ 1/4, Govt. Lot _____ B.M., County of _____

5. Description of existing diversion works (Dams, Reservoirs, Ditches, Wells, Pumps, Pipelines, Headgates, Etc),
including the dates of any changes or enlargements in use, the dimensions of the diversion works as
constructed and as enlarged and the depth of each well. 12 inch well to a depth of 504 feet

6. Water is claimed for the following purposes:

(both dates are inclusive)

(cfs)

(acre feet)

For municipal purposes from 1/1 to 12/31 amount 0.59 or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

7. Total quantity claimed (a) 0.59 (cfs) and/or (b) _____ (acre feet)

8. Total consumptive use claimed is _____ acre feet per annum.

9. Non-irrigation uses; describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.) _____

10. 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 use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RNG	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	

Total number of acres irrigated _____

11. In which county (ies) are lands listed above as place of use located? Washington

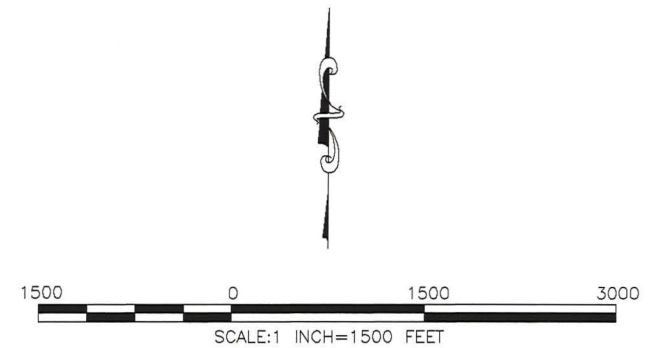
12. Do you own the property listed above as place of use? Yes _____ No X
If your answer is No, describe in Remarks below the authority you have to claim this water right.

13. Describe any other water rights used at the same place and for the same purposes as described above.
_____ or None ()

14. Remarks: Place of use for municipal purposes is City of Cambridge incorporated service area.

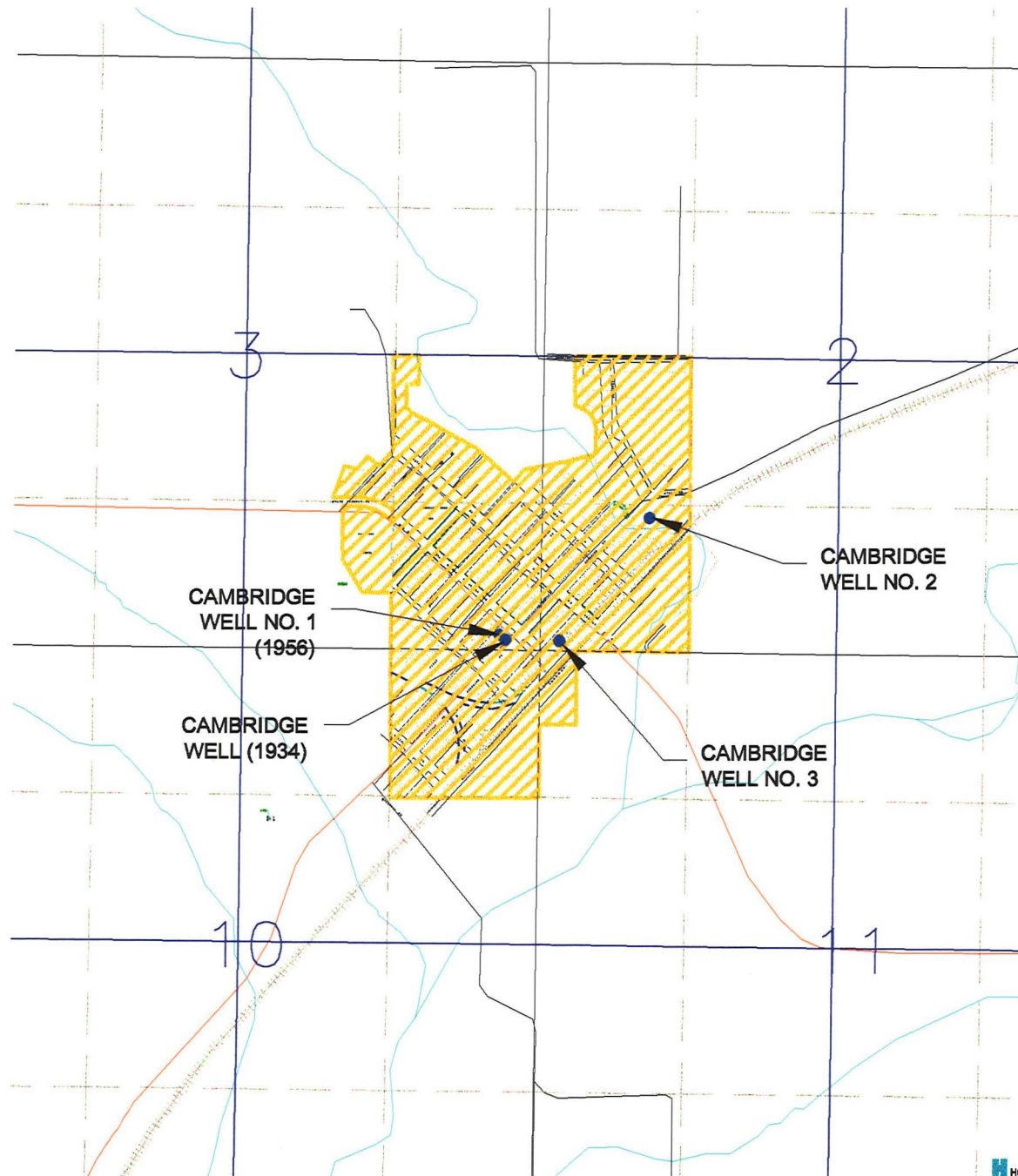
Last Name _____ Ident No. _____

CITY OF CAMBRIDGE POD AND POU MAP



LEGEND:

-  PROPOSED WELL LOCATION AND POINT OF DIVERSION
-  EXISTING WELL LOCATION AND POINT OF DIVERSION
-  INCORPORATED CITY LIMITS AND PLACE OF USES (AS OF 2-5-04)
-  SECTION LINES
-  QUARTER SECTION LINES
-  QUARTER, QUARTER SECTION LINES



15. Basis of Claim (check one) Beneficial Use X Posted Notice _____ License _____ Permit _____
Decree _____
If applicable provide IDWR Water Right Number _____
Court _____ Case Number _____ Decree Date _____
Plaintiff vs Defendant _____

16. Signature (s)
(a.) By signing below, I/We acknowledge that I/We have received, read, and understand the form entitled
"How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not X
wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments _____

For Individuals: I do solemnly swear or affirm that the statements contained in the foregoing document are true
and correct.

Signature of Claimant (s) _____ Date _____
_____ Date _____

For Organizations: I do solemnly swear or affirm that I am Mayor City of Cambridge
_____ Title _____

of City of Cambridge _____, that I have signed the foregoing

_____ Organization _____
document in the space below as Mayor _____ of City of Cambridge
_____ Title _____ Organization _____

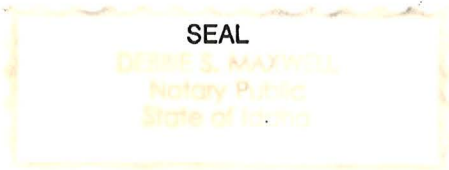
and that the statements contained in the foregoing document are true and correct.

Signature of Authorized Agent [Signature] _____

Title and Organization Mayor City of Cambridge Date 12/02/04

State of Idaho/or _____)
County of Washington) SS.

Subscribed and sworn (or affirmed) before me this 2nd day of December 19 2004



Notary Public Debbie S Maxwell

Residing at Council Id

My Commission Expires 8/24/07

Please Print Name

17. Notice of Appearance:
Notice is hereby given that I, _____ will be acting as attorney at law on behalf
of the claimant signing above, and that all notices required by law to be mailed by the director to the claimant signing above
should be mailed to me at the address listed below.

Signature _____

Address _____

Date _____

Last Name _____ Ident. Number _____

Idaho Department of Water Resources Receipt

Receipt ID W032498

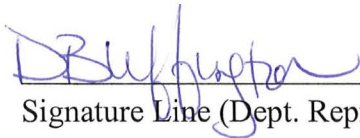
Payment Amount \$109.00 Date Received 1/4/2005 2:31:09 PM Region Western Status ☐
Payment Type Check Check Number 25840

Payer HOLLADAY ENGINEERING CO

Comment NOTICE OF CLAIM: CITY OF CAMBRIDGE (MUNICIPAL)

Fee Detail

Amount	Description	Fund	FD	PCA	SO
\$109.00	ADJUDICATION FILING FEE	0337	42503	1155	



Signature Line (Dept. Representative)