

August 29, 2006



To: Water Right Certificate File 4072-A
From: Mike Dexel

Re: Showing of Compliance for Certificate# 4072-A

Monte Brachman of the City of Camas has submitted a Showing of Compliance with RCW 90.44.100(3) noting a replacement well (Well 13) has been drilled under the authorized Water Right Certificate 4072-A and certifying the replacement well complies with the provisions of Chapter 90.44.100(3) RCW.

The original well (Well 4) has been decommissioned as required under 18.104 RCW and 173-160 WAC.

A confirmation letter has been sent to Mr. Brachman regarding Showing of Compliance with RCW 90.44.100(3). This compliance form should now be made part of the permanent record associated with Water Right Certificate 4072-A.

Since this qualifies as a Showing of Compliance, the Application for Change submitted to move the point of withdrawal from the decommissioned well (Well 4) to the new well (Well 13) has been withdrawn. **Please withdraw Application for Change 4072-A.**

Tracked



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

August 29, 2006

Monte Brachman
City of Camas
PO Box 1055
Camas, WA 98607

Dear Mr. Brachman:

Re: Showing of Compliance-Replacement Well 13 for Water Right Certificate 4072-A and
Withdrawal of Application for Change 4072-A

This is a notification of receipt for a Showing of Compliance with RCW 90.44.100(3). The construction of Well 13 serves as a replacement for Well 4. **Please send in the well log for Well 13** (replacement well), it will be made part of the permanent record associated with Certificate of Water Right 4072-A.

Since you have chosen to submit a Showing of Compliance for Well 4, the pending Application for Change 4072-A to move the point of withdrawal is now unnecessary. Therefore, the Department of Ecology will withdraw this Application for Change.

Please call me at (360) 407-6167 if you have any questions.

Sincerely,

Mike Dixel
Water Resources Program

MD:th

Cc: Eric Levison, City of Camas





DEPARTMENT OF ECOLOGY

RECEIVED
DEPT. OF ECOLOGY/SWRO

'06 AUG 14 11:06

Showing of Compliance with RCW 90.44.100(3)

Water Right Certificate or Permit Number: 4072-A

Parcel tax identification number: Tax Lot #: 090928-000

Landowner(s) name: City of Camas

Part of complying with RCW 90.44.100(3) is for the project proponent to notify the Department of Ecology (Ecology) that the statutory criteria of RCW 90.44.100(3) have been satisfied. Please attach (to this document) the water well report for the additional or replacement wells and any additional information you have to support your affidavit.

Affidavit:

I, Monte Brachmann, do certify that I caused the well or wells described in the attached water well report to be drilled as additional or replacement wells for use under Water Right Number 4072-A. This notice and attached documents describe and support my assertion that the replacement or additional well or wells comply with RCW 90.44.100(3) (a-g) and RCW 90.44.100(4), specifically:

- a. The well taps the same body of public ground water as the original well or wells;
- b. If a replacement well is constructed, the use of the original well or wells has been discontinued and the original well or wells have been properly decommissioned as required under chapter 18.104 RCW;
- c. If a new additional well has been constructed, the original well or wells are continuing to be used, but the combined total withdrawal from the original and additional well or wells has not enlarged the right conveyed by the original water use permit or certificate;
- d. The construction and use of the well does not interfere with or impair water rights with an earlier date of priority than the water right or rights for the original well or wells;
- e. The replacement or additional well is located no closer than the original well to a well it might interfere with;
- f. The well or wells have been constructed in a manner approved by the department and in compliance with chapter 18.104 RCW and chapter 173-160 WAC; and
- g. The location of the replacement or new additional well or wells is the area described as the point of withdrawal in the original public notice published for the application for the water right for the well. Both the original well and the additional or replacement well or wells are located in SW 1/4, NW 1/4, SEC 12 (legal description).

T1NR3E

Therefore the well is in compliance with the requirements for a statutorily granted amendment to the water right permit or certificate.

I understand the acceptance of this affidavit, and any attachments, by the Department of Ecology shall not be construed as affirming the validity of any water right permit or certificate. The

responsibility to comply with RCW 90.44.100(3) is with the water right permit or certificate holder asserting an amendment pursuant to RCW 90.44.100(3).

Monte Brachmann

8/8/06
Date

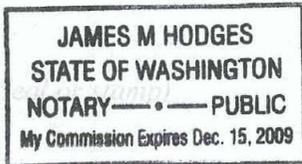
Name Monte Brachmann
Public Works Director
City of Camas

Acknowledgement:

State of Washington
County of VANCOUVER

I certify that I know or have satisfactory evidence that MONTE BRACHMANN is the person who appeared before me, and said person acknowledged that (he/she) signed this affidavit and acknowledged it to be (his/her) free and voluntary act for the uses and purposes mentioned in the affidavit.

Dated: 8/8/06



James M. Hodges
(Signature)

JAMES HODGES - VANCOUVER

Residing in
NOTARY PUBLIC

Title

My appointment expires: 12/15/09

If you have any questions please contact the Water Resources Section of the closest regional office. Please submit copies of new well logs and decommissioned well logs along with this completed and notarized form to the nearest regional office.

Northwest Regional Office
3190 - 160th Avenue SE
Bellevue, WA 98008-5452
(425) 649-7000; TDD (425) 649-4259

Southwest Regional Office
P.O. Box 47775
Olympia, WA 98504-7775
(360) 407-6300; TDD (360) 407-6306

Eastern Regional Office
N. 4601 Monroe, Suite 202
Spokane, WA 99205-1295
(509) 329-3529; TDD (509) 458-2055

Central Regional Office
15 W. Yakima Ave., Suite 200
Yakima, WA 98902-3452
(509) 575-2597; TDD (509) 454-7673

Vancouver Field Office
2108 Grand Boulevard
Vancouver, WA 98661-4622
(360) 690-7171; TDD (360) 690-7147

Nooksack Field Office
1204 Railroad Ave., Suite 200
Bellingham, WA 98225
(360) 738-6250; TDD (425) 649-4259

Mike Dexel
DOE - SW Region
2108 Grand Blvd
Vancouver, WA 98661-4624
(360) 407-4624

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

(STATE OF WASHINGTON)
 DEPARTMENT OF CONSERVATION
 AND DEVELOPMENT

WELL LOG No. Appli. #5130

Date 7-15, 1959

Record by well driller

Source driller's record

Location: State of WASHINGTON

County Clark

Area

Map

W 1/2 NW 1/4 sec. 12 T. N. R. 3 E. XX

Diagram of Section

Drilling Co. N.G. Strasser

Address Portland, Oregon

Method of Drilling Date 6-29, 1959

Owner City of Camas, Washington

Address

Land surface, datum ft. above below

CORRELATION	MATERIAL	THICKNESS (feet)	DEPTH (feet)
-------------	----------	------------------	--------------

(Transcribe driller's terminology literally but paraphrase as necessary, in parentheses if material water-bearing, so state and record static level if reported. Give depths in feet below land-surface datum unless otherwise indicated. Correlate with stratigraphic column, if feasible. Following log of materials, list all savings, perforations, screens, etc.)

	Top soil	3	3
	Gravel & boulders	9	12
	Gravel, some binder	9	21
	Gravel & boulders	11	32
	Cemented gravel	21	53
	Loose sand & gravel		
	some silt	22	75
	Loose sand & gravel, w/b	24	99
	Large gravel and sand	11	110
	Clay and gravel	2	112
	PUMP TEST:		
	Dim. 112"x16"		
	SWL: 35 ft.		
	DD: 24 ft.		
	Yield: 1500 g.p.m.		
	Water Temp. 46°		
	Type & size of pump: Test pump:		
	1500 g.p.m. 11 1/2" bowls; 9" pump column		

Turn up

(over)

Sheet _____ of _____ sheets

Home

Find

Reports

Region

Help

Water Right Document

File # G2-*05130CWRIS	WR Class G	Document Certificate	QC Caution Flag N
App # 05130	Target NA	Priority Date 02/12/1959	Image Y
Permit # 04804	Status Active	Counties CLARK	In Trust N
Cert # 04072	Purposes MU	Region SWRO	In Metering N
WR Doc ID 2219627	Stage NA	WRIA's 28	
Cons. Board Ctrl #			

Primary Parties		
Last Name	First Name	M
Camas City		

At A Glance

Uses

Images

Life Cycle

Associations

Supporting Images				
Image Type	Image Number	Image Server	Image Path	Updated Date
Certificate	00265008.TIF	ecyflcyadp01	wrats\images\rights\tiffeco0569	03/15/2001

PACIFIC groundwater GROUP

FAX COVER PAGE

TO: Mike Dextel - WDJF

FROM: Dan Matlock - PG6

NUMBER OF PAGES INCLUDING THIS ONE 2 DATE/TIME 8/29/06

FAX NUMBER 360-407-6305

Mike

Here is the log for well 13
which will replace Camas well 4.

Dan

(1) OWNER: Name City of Camas Address PO Box 1055 Camas, WA 98607
(2) LOCATION OF WELL: County Clatsop SW 1/4 NW 1/4 Sec. 12 T. 1 N.R. 3E WM
(2a) STREET ADDRESS OF WELL: (or nearest address) NE 1st Ave.
TAX PARCEL NO.: 090928-000

(3) PROPOSED USE: Domestic Industrial Municipal
 Irrigation Test Well Other
 DeWater

(10) WELL LOG or DECOMMISSIONING PROCEDURE DESCRIPTION
Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. Indicate all water encountered.

(4) TYPE OF WORK: Owner's number of well (if more than one) Well 13
 New Well Method: Dug Bored
 Deepened Cable Driven
 Reconditioned Rotary Jetted
 Decommission

MATERIAL	FROM	TO
----------	------	----

(5) DIMENSIONS: Diameter of well 20 inches
Drilled 111 feet. Depth of completed well 103 ft.

Brown silt & gravel	0	4
---------------------	---	---

(6) CONSTRUCTION DETAILS
Casing installed: Welded 20 Diam. from +2 ft. to 30 ft.
 Linear installed Diam. from _____ ft. to _____ ft.
 Threaded Diam. from _____ ft. to _____ ft.

& Boulder	4	13
-----------	---	----

Perforations: Yes No

Type of perforator used _____

SIZE of perforations _____ in. by _____ in.

perforations from _____ ft. to _____ ft.

Brown silty sand gravel	12	14
-------------------------	----	----

Screens: Yes No K-Pac Location 77 ft

Manufacturer's Name Johanson

Type 304 Stainless Model No. _____

Diam. 18 Slot Size 150 from 00 ft. to 98 ft.

Diam. _____ Slot Size _____ from _____ ft. to _____ ft.

& Cobble	19	25
----------	----	----

Gravel/Filter packed: Yes No Size of gravel/sand _____

Material placed from _____ ft. to _____ ft.

Brown silt gravel, cobbles	19	25
----------------------------	----	----

Surface seal: Yes No To what depth? 34 ft.

Material used in seal Bentonite

Did any strata contain unusable water? Yes No

Type of water? _____ Depth of strata _____

Method of sealing strata off _____

& Boulder	25	29
-----------	----	----

(7) PUMP: Manufacturer's Name _____
Type: _____ H.P.

Brown silty sand, gravel	29	45
--------------------------	----	----

(8) WATER LEVELS: Land-surface elevation above mean sea level 55 ft.
Static level 48.2 ft. below top of well Date 2/8/06
Artesian pressure _____ lbs. per square inch Date _____
Artesian water is controlled by _____
(Cap, valve, etc.)

Brown silty sand, gravel	29	45
--------------------------	----	----

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? P66/Holt
Yield 393 gal./min. with 1.9 ft. drawdown after 29 hrs.
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.

Brown silty sand, gravel	29	45
--------------------------	----	----

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level
------	-------------	------	-------------	------	-------------

_____	_____	_____	_____	_____	_____
-------	-------	-------	-------	-------	-------

_____	_____	_____	_____	_____	_____
-------	-------	-------	-------	-------	-------

_____	_____	_____	_____	_____	_____
-------	-------	-------	-------	-------	-------

_____	_____	_____	_____	_____	_____
-------	-------	-------	-------	-------	-------

Date of test 2/8/06

Beaker test _____ gal./min. with _____ ft. drawdown after _____ hrs.

Airstest _____ gal./min. with _____ ft. drawdown after _____ hrs.

Artesian flow _____ g.p.m. Date _____

Temperature of water _____ Was a chemical analysis made? Yes No

Brown silty gravelly	45	54
----------------------	----	----

silty sand	54	60
------------	----	----

Brown silty sand gravel	60	63
-------------------------	----	----

Brown sand & gravel with	63	86
--------------------------	----	----

siltbound intervals	86	92
---------------------	----	----

Brown cobbly sand and	86	92
-----------------------	----	----

gravel (loose)	92	100
----------------	----	-----

Brown cobbly sand & gravel	92	100
----------------------------	----	-----

with siltbound intervals	100	108
--------------------------	-----	-----

Tan-gray silt with	100	108
--------------------	-----	-----

weathered rock frags.	108	111
-----------------------	-----	-----

Bedrock	108	111
---------	-----	-----

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

Work Started 12/18/2005 Completed 2/10/2005

WELL CONSTRUCTION CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Type or Print Name Randy Holt License No. 1099
(Licensed Driller/Engineer)

Trainee Name _____ License No. _____

Drilling Company Holt Drilling / Road Longway

(Signed) Randy Holt License No. 1099
(Licensed Driller/Engineer)

Address Po Box 1890, Milton WA 98356

Contractor's Registration No. BOARTCOSSP2 Date 4/04/06

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (360) 407-8600. The TDD number is (360) 407-6006.

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

File Original with
Department of Ecology
Second Copy - Owner's Copy
Third Copy - Driller's Copy

WATER WELL REPORT

STATE OF WASHINGTON

Notice of Intent W220603
UNIQUE WELL I.D.# ALL-997
Water Right Permit No. 64072-A

193883

(1) OWNER: Name City of Camas Address PO Box 1055 Camas, WA 98607

(2) LOCATION OF WELL: County Clark SW 1/4 NW 1/4 Sec 12 T 1 N.R. 3E WM

(2a) STREET ADDRESS OF WELL: (or nearest address) NE 1st Ave.

TAX PARCEL NO.: 090928-000

(3) PROPOSED USE: Domestic Industrial Municipal
 Irrigation Test Well Other
 DeWater

(4) TYPE OF WORK: Owner's number of well (if more than one) Well 13
 New Well Method: Dug Bored
 Deepened Cable Driven
 Reconditioned Rotary Jetted
 Decommission

(5) DIMENSIONS: Diameter of well 20 inches
Drilled 111 feet. Depth of completed well 103 ft.

(6) CONSTRUCTION DETAILS
Casing installed:
 Welded 20" Diam. from +2 ft. to 80 ft.
 Liner installed Diam. from _____ ft. to _____ ft.
 Threaded _____" Diam. from _____ ft. to _____ ft.

Perforations: Yes No
Type of perforator used _____
SIZE of perforations _____ in. by _____ in.
_____ perforations from _____ ft. to _____ ft.

Screens: Yes No K-Pac Location 77 ft
Manufacturer's Name Johnson
Type 304 Stainless Model No. _____
Diam. 18 Slot Size 150 from 90 ft. to 98 ft.
Diam. _____ Slot Size _____ from _____ ft. to _____ ft.

Gravel/Filter packed: Yes No Size of gravel/sand _____
Material placed from _____ ft. to _____ ft.

Surface seal: Yes No To what depth? 34 ft.
Material used in seal Benboaste
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(7) PUMP: Manufacturer's Name _____
Type: _____ H.P. _____

(8) WATER LEVELS: Land-surface elevation above mean sea level 55 ft.
Static level 48.2 ft. below top of well Date 2/18/06
Artesian pressure _____ lbs. per square inch Date _____
Artesian water is controlled by _____ (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? P66 Holt
Yield: 393 gal./min. with 1.9 ft. drawdown after 24 hrs.
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test 2/18/06
Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Airtest _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water _____ Was a chemical analysis made? Yes No

(10) WELL LOG or DECOMMISSIONING PROCEDURE DESCRIPTION
Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. Indicate all water encountered.

MATERIAL	FROM	TO
Brown silt & Gravel	0	4
Brown silt, sand, Gravel & Boulders	4	13
Brown silty sand, Gravel & Cobbles	13	19
Brown silt, Gravel, Cobbles & Boulders	19	25
Brown silty Gravel & Cobbles	25	29
Brown silty sand, Gravel & Cobbles	29	45
Brown silty gravelly silty sand	45	54
Brown silty sand & Gravel	54	60
Brown silt bound sand & Gravel	60	68
Brown sand & Gravel with silt bound interbeds	68	86
Brown cobbly sand and Gravel (loose)	86	92
Brown cobbly sand & Gravel with silt bound interbeds	92	100
Tan-gray silt with weathered rock frags.	100	108
Bedrock	108	111

RECEIVED

APR 17 2006

Washington State
Department of Ecology
Work Started 12/18/2005 Completed 2/10/2005

WELL CONSTRUCTION CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Type or Print Name Randy Holt License No. 1099
(Licensed Driller/Engineer)

Trainee Name _____ License No. _____
Drilling Company Holt Drilling / Boart Longyear
(Signed) Randy Holt License No. 1099
(Licensed Driller/Engineer)

Address PO Box 1890, Milton WA 98354

Contractor's Registration No. BOARTCOSSP2 Date 4/04/06

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (360) 407-6600. The TDD number is (360) 407-6006.

