

**Walker, Kay**

**From:** Christopher H Meyer [ChrisMeyer@givenspursley.com]  
**Sent:** Wednesday, December 03, 2008 3:53 PM  
**To:** Baxter, Garrick  
**Cc:** Walker, Kay; 'Roxanne Brown'  
**Subject:** FW: City of Nampa (claim 63-5258)

Garrick, here's the email we discussed.

*- Chris*

cc: Kay Walker, Roxanne Brown

(Reply from chris\_meyer@givenspursley.com)

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**From:** Roxanne Brown [mailto:RBrown@spfwater.com]  
**Sent:** Monday, November 24, 2008 4:24 PM  
**To:** Christopher H Meyer  
**Subject:** City of Nampa (claim 63-5258)

Chris,

I spoke to Kay Walker today concerning her recommendation of claim 63-5258. Specifically, we discussed her theoretical calculation of the diversion rate for the water right.

Her current recommendation is based on some assumptions made by IDWR and actual information from Layne of Idaho, Inc. as to the installation of the pump. The following information was used for the calculation Kay performed (the so-called "horsepower equation"):

Horsepower of the pump: known to be **75 hp**

Efficiency of the pump: assumed by Kay to be **70%**, a reasonable assumption

Lift: known to be **70 ft.**

Pressure: assumed by Kay to be **65 psi**, a reasonable assumption at the time the well was first used (1954)

The equation: 
$$\frac{(2.3)(hp)(\text{efficiency})}{\text{ft} \times \text{pressure} \times (2.31)}$$
 (Note: the constants simply make the units come out in cfs)

The result: 
$$\frac{(2.3)(75 \text{ hp})(0.70)}{70 \text{ ft} \times (65 \text{ psi}) \times (2.31)} = 2.1 \text{ cfs}$$

Upon review, the information used by Kay, and her assumptions, appear to be acceptable. A recommendation of diversion rate based on this calculation is probably as high as the City is likely to get from IDWR.

Please call if you have questions.

12/4/2008

Roxanne Brown  
SPF Water Engineering, LLC  
300 E. Mallard Dr., Suite 350  
Boise, ID 83706  
(208) 383-4140 x216  
(208) 383-4156 fax  
[rbrown@spfwater.com](mailto:rbrown@spfwater.com)  
[www.spfwater.com](http://www.spfwater.com)

10/02/2008

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

RIGHT NUMBER: 63-5258

NAME AND ADDRESS: CITY OF NAMPA  
411 3RD ST S  
NAMPA ID 83651

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 2.100 CFS

PRIORITY DATE: 07/20/1954

POINT OF DIVERSION:

T02N R02W S3 NWNW Lot 4 Within CANYON County

T03N R02W S14 NWSE Within CANYON County

T03N R02W S17 SWNE Within CANYON County

T03N R02W S17 SWNW Within CANYON County

T03N R02W S22 SWNE Within CANYON County

T03N R02W S22 SWNE Within CANYON County

T03N R02W S22 NWNW Within CANYON County

T03N R02W S22 NWSE Within CANYON County

T03N R02W S22 NWSE Within CANYON County

T03N R02W S27 SENE Within CANYON County

This water right is part of the potable water delivery system for the City of Nampa.

PURPOSE AND  
PERIOD OF USE:

| <u>PURPOSE OF USE</u> | <u>PERIOD OF USE</u> | <u>QUANTITY</u> |
|-----------------------|----------------------|-----------------|
| MUNICIPAL             | 01/01 12/31          | 2.100 CFS       |

PLACE OF USE:

Place of use is within the service area of the City of Nampa municipal water supply system as provided for under Idaho Law.

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.

To the extent necessary for administration between points of diversion for ground water, and between points of diversion for ground water and hydraulically connected surface sources, ground water was first diverted under this right at Well #6 located in T3N, R2W, Sec. 27, SENE.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

**Walker, Kay**

**From:** Roxanne Brown [RBrown@spfwater.com]  
**Sent:** Monday, September 29, 2008 2:59 PM  
**To:** Walker, Kay  
**Cc:** Christopher H Meyer  
**Subject:** pumping level/City of Nampa well #6  
**Attachments:** s2d8D0F43FFBD32D973115EABA9D9D09708\_1.pdf

Kay,

Attached is a copy of the Layne pump "Installer's Report" we just discussed. I'm glad City personnel could find something that cleared up the confusion!

Roxanne Brown  
 SPF Water Engineering, LLC  
 300 E. Mallard Dr., Suite 350  
 Boise, ID 83706  
 (208) 383-4140 x216  
 (208) 383-4156 fax  
[rbrown@spfwater.com](mailto:rbrown@spfwater.com)  
[www.spfwater.com](http://www.spfwater.com)

*see this information can allow  
additional quantity; for well #6 -*

$$Q = \frac{75 \text{ HP} \times 8.814 \times .70 \text{ eff}}{70' + (2.31 \times 65 \text{ psi})} = 2.10 \text{ cfs}$$

*kw  
9/30/2008*



## LAYNE OF IDAHO, INC.

P.O. BOX 1005 • NAMPA, IDAHO 83853  
TELEPHONE (208) 468-7376 • FAX (208) 468-5078

## INSTALLERS REPORT

CUSTOMER NAME: City of NampaDate: 7/06PUMP LOCATION: Well #6 Roosevelt & 6th

PUMP #:

PUMP HP: 75 BJ SERIAL #: 987441RPM: 1800HEAD SIZE: 8" x 8" x 5"

HEAD #:

HEAD SHAFT SIZE: 1 7/8YHD: 8COL. SIZE: 8" x 10'SETTING: 70'

FIT DEPTH:

TUBE SIZE: 2 1/2YHD: 8SHAFT SIZE: 1 7/8YHD: 8

WELL DEPTH:

WATER TEMP:

STATIC WATER LEVEL: 8'6"

PUMPING LEVEL:

Casing Size: 15" with a 13" liner

## BOWL INFORMATION:

SIZE:

STAGES: 5

STICKUP:

SHAFT: 15 1/4TUBE: 5 1/2

THREAD:

SHAFT: 8TUBE: 8

## PANEL:

CONDITION: good

## PROBLEMS:

SITE: We had to set up in street so bring cones for traffic

EQUIPMENT:

HIS:

TRAVEL TIME:

08/06/2008

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

RIGHT NUMBER: 63-5258

NAME AND ADDRESS: CITY OF NAMPA  
411 3RD ST S  
NAMPA ID 83651

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 0.600 CFS

PRIORITY DATE: 07/20/1954

POINT OF DIVERSION:

T02N R02W S3 NWNW Lot 4 Within CANYON County

T03N R02W S14 NWSE Within CANYON County

T03N R02W S17 SWNE Within CANYON County

T03N R02W S17 SWNW Within CANYON County

T03N R02W S22 SWNE Within CANYON County

T03N R02W S22 SWNE Within CANYON County

T03N R02W S22 NWNW Within CANYON County

T03N R02W S22 NWSE Within CANYON County

T03N R02W S22 NWSE Within CANYON County

T03N R02W S27 SENE Within CANYON County

This water right is part of the potable water delivery system for the City of Nampa.

PURPOSE AND  
PERIOD OF USE:

| <u>PURPOSE OF USE</u> | <u>PERIOD OF USE</u> | <u>QUANTITY</u> |
|-----------------------|----------------------|-----------------|
| MUNICIPAL             | 01/01 12/31          | 0.600 CFS       |

PLACE OF USE:

The boundary encompassing the place of use for this water right is described with a digital boundary as defined by I.C. Section 42-202B(2) and authorized pursuant to I.C. Section 42-1411(2)(h). The data comprising the digital boundary are incorporated herein by reference and are stored on a CD-ROM disk issued in duplicate originals on file with the SRBA District Court and the Idaho Department of Water Resources. A map depicting the place of use is attached hereto to illustrate the place of use described by the digital boundary.

Place of use is within the service area of the City of Nampa municipal water supply system as provided for under Idaho Law.

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.

To the extent necessary for administration between points of diversion for ground water, and between points of diversion for ground water and hydraulically connected surface sources, ground water was first diverted under this right at Well #6 located in T3N, R2W, Sec. 27, SENE.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

## IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Recommendation Report 63-5258 V1

WATER RIGHT NUMBER: 63-5258 V1

Owner Type      Name and Address

Current Owner

CITY OF NAMPA  
411 3RD ST S  
NAMPA, ID 83651  
(208) 466-6000

Priority Date: 04/07/1954

Basis: Beneficial Use

Status: Disallowed

SourceTributaryBeneficial Use

MUNICIPAL

From To

1/01 to 12/31

Diversion Rate

2.670 CFS

Annual VolumeTotal Diversion:

2.670 CFS

Location of Point(s) of DiversionPlace of Use

MUNICIPAL

| Twp Rge Sec | NE      |         |    |    | NW      |         |         |    | SW |         |         |    | SE |    |    |    | Totals |
|-------------|---------|---------|----|----|---------|---------|---------|----|----|---------|---------|----|----|----|----|----|--------|
|             | NE      | NW      | SW | SE | NE      | NW      | SW      | SE | NE | NW      | SW      | SE | NE | NW | SW | SE |        |
| 02N 02W 1   |         | X<br>L2 |    |    | X<br>L3 | X<br>L4 | X       |    |    | X       |         |    |    |    |    |    |        |
| 02N 02W 2   | X<br>L1 | X<br>L2 | X  | X  | X<br>L3 | X<br>L4 | X       | X  | X  | X       |         |    | X  | X  | X  |    |        |
| 02N 02W 3   | X<br>L1 | X<br>L2 | X  | X  | X<br>L3 | X<br>L4 | X       | X  | X  | X       | X       | X  |    | X  | X  |    |        |
| 02N 02W 4   | X<br>L1 | X<br>L2 | X  | X  | X<br>L3 | X<br>L4 | X       | X  | X  | X       | X       | X  | X  | X  | X  | X  |        |
| 02N 02W 5   | X<br>L1 |         |    |    |         |         |         |    |    |         |         |    |    |    |    |    |        |
| 02N 02W 9   |         | X       |    |    | X       |         |         |    |    |         |         |    |    |    |    |    |        |
| 03N 01W 7   |         |         |    |    |         | X<br>L1 | X<br>L2 |    | X  | X<br>L3 | X<br>L4 | X  | X  | X  | X  | X  |        |
| 03N 01W 8   |         |         |    |    |         |         |         |    |    | X       | X       |    |    |    |    |    |        |

Well #6 -  
Theoretical = 0.6 cfs  
see FCVR -  
FW  
8/16/08

## Adjudication Recommendation Report 63-5258 V1

[illegible]

## IDAHO DEPARTMENT OF WATER RESOURCES

## Adjudication Recommendation Report 63-5258 V1

|            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 03N 02W 24 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 03N 02W 25 | X |   | X |   | X | X | X | X | X | X | X | X |   | X |   |   |   |
| 03N 02W 26 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 03N 02W 27 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 03N 02W 28 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 03N 02W 29 | X | X | X | X | X | X | X | X | X |   |   |   |   | X | X | X | X |
| 03N 02W 32 | X | X | X | X |   |   |   |   |   |   |   |   |   | X | X | X | X |
| 03N 02W 33 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 03N 02W 34 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 03N 02W 35 | X | X | X | X | X | X | X | X | X | X | X |   |   | X | X | X | X |
| 03N 02W 36 |   |   |   |   | X | X | X | X | X | X | X | X |   |   | X | X |   |

Conditions of Approval:

1. To the extent necessary for administration between points of diversion for ground water, and between points of diversion for ground water and hydraulically connected surface sources, ground water was first diverted under this right at Well #6 located in T3N, R2W, Sec. 27, SENE.
2. This water right is part of the potable water delivery system for the City of Nampa.
3. C18 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.
4. 124 Place of use is within the service area of the City of Nampa municipal water supply system as provided for under Idaho Law.
5. ~~XX~~ No lawful appropriation shown: There are a number of circumstances in which a claim is proposed to be disallowed on this basis. This is most commonly included for a claim based on beneficial use or posted notice that is proposed to be disallowed because the right claimed is not within an exception to the mandatory permit statute, and beneficial use of water prior to the mandatory permit statute was not confirmed. This is also included where a claim is proposed to be disallowed because the claim is to water that is not public water subject to appropriation. This is also included where a right was determined not to exist in a prior adjudication.
6. ~~XX~~ No lawful appropriation shown.
7. The points of diversion for this right and Right Nos. 63-2779, 63-2781, 63-2782, 63-10212, 63-7567, 63-8324, and 63-9180 are diverted through the points of diversion described in Right No. 63-2533.

do we  
need  
if plots  
on face?  
NO-

IDAHO DEPARTMENT OF WATER RESOURCES  
Adjudication Recommendation Report 63-5258 V1

Remarks:

Comments:

1. awarntje 9/30/2005 Priority  
Comment: Need evidence of priority.

Dates and Other Information:

Decreed Date:  
Enlargement Use Priority Date:  
Enlargement Statute Priority Date:  
Defendant:  
Plaintiff:  
Civil Case Number:  
Judicial District:  
Notice of Error Flag:  
State or Federal: S  
Owner Name Connector:  
Water District Number:  
Generic Max Rate Per Acre:  
Generic Max Volume Per Acre:  
Swan Falls Trust or Nontrust:  
Swan Falls Dismissed:  
DLE Act Number:  
Carey Act Number:  
Mitigation Plan: False

Combined Use Limits:

SubCase:

SubCase Number: 63-5258  
Class: 1  
SF5 Filed Date:  
Special Master Recorn Signed Date:  
Attorney Assigned:  
Adjudication Agent: awarntje  
Basis of Claim: Beneficial Use  
Date Filed: 6/19/2006 Objection Status: Active

Water Supply Bank:

## **MEMORANDUM**

TO: CITY OF NAMPA FILES

FROM: KAY WALKER

RE: INFORMATION

Date: August 5, 2008

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See file 63-2449 for book submitted by Chris Meyer on 1/30/2008. This book contains requested additional information in support of SRBA claims. The book has also been scanned and attached to the City's claims that were objected to.

File 63-2449 also contains some maps that were submitted that are too large to scan.