

TELFORD LANDS, LLC EXHIBITS

1. Amended Application for Transfer No. 76286.
2. Telford Lands, LLC Water Rights Summary Sheet.
3. GIS Map of Telford Lands, LLC Water Rights Place of Use and Points of Diversion.
4. Second GIS Map of Telford Lands, LLC Water Rights Place of Use and Points of Diversion.
5. Approved Transfer No. 74921.
6. Telford Lands, LLC Summary Spreadsheet of Well Diversion Measurements.
7. Telford Lands, LLC Measurement Records of Well Diversions Maintained by Timberdome Canal Company.
8. Measurement Records of Water District 34 for Babcock Well.
9. Map of Protestants Well Locations (prepared by Water Well Consultants, LLC).
10. Map of Potential Ideal Pump Location for New Replacement Well.
11. Hydrogeologic Assessment of the Telford Lands LLC Transfer #76286 (prepared by Water Well Consultants, LLC).

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

AMENDED

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1Name of Applicant(s) Telford Lands, LLC; c/o Mike Telford Phone: _____Mailing Address: 1450 W. Hwy. 24, Paul, ID 8347 Email: _____

- ☐ If applicant is not an individual and not registered to do business in the State of Idaho, attach documentation identifying officers authorized to sign or act on behalf of the applicant. Label it Attachment #1.
- ☐ Attach water right ownership documentation if Department records do not show the transfer applicant as the current water right owner. Label it Attachment #2a.
- ☐ If the ownership of the water right will change as a result of the proposed transfer to a new place of use, attach documentation showing land and water right ownership at the new place of use: Include documentation for all affected land and owner(s). Label it Attachment #2b.
- ☐ Attach documentation of authority to make the proposed change if the applicant is not the water right owner. Label it Attachment #3.

Provide contact information below if a consultant, attorney, or any other person is representing the applicant in this transfer process.

☐ No RepresentativeName of representative Robert L. Harris; Holden, Kidwell, Hahn & Crapo, P.L.L.C. Phone: _____Mailing Address: PO Box 50130, Idaho Falls, ID 83405-0130 Email: rharris@holdenlegal.com☐ Send all correspondence for this application to the representative and not the applicant.

OR

☒ Send original correspondence to the applicant and copies to the representative.☐ The representative may submit information for the applicant but is not authorized to sign for the applicant.

OR

☒ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation providing authority to sign for the applicant and label it Attachment #4.

I hereby assert that no one will be injured by the proposed changes and that the proposed changes do not constitute an enlargement in use of the original right(s). 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.

Robert L. Harris
Signature of Applicant or Authorized Representative

ROBERT L. HARRIS, ATTORNEY
Print Name and Title if applicable

Signature of Applicant or Authorized Representative

Print Name and Title if applicable

A. PURPOSE OF TRANSFER

1. ☐ Change point of diversion ☒ Add diversion point(s) ☐ Change Place of use
- ☐ Change nature of use ☐ Change period of use ☐ Other: _____

2. Describe your proposal in narrative form, including a detailed description of non-irrigation uses to justify amounts transferred (i.e. number of stock, etc.), and provide additional explanation of any other items on the application. Attach additional pages if necessary and label if part 1A.2. This Application for Transfer will add a new point of diversion to the below water rights for a new proposed well. The application is necessary because of a shared well dispute between the applicant and Babcock. If this transfer is granted, it is possible that the point of diversion located in



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

SE1/4NW1/4SE1/4 of Section 29, T5N, R36E, will not longer be used under the below water rights, depending on whether the parties can resolve their differences.

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

B. DESCRIPTION OF RIGHTS AFTER THE REQUESTED CHANGES. IF THE RIGHTS ARE BEING SPLIT, DESCRIBE PORTIONS TO BE CHANGED AS THEY WOULD APPEAR AFTER THE REQUESTED CHANGES.

1.	Right Number	Amount (cfs/ac-ft)	Nature of Use	Period of Use	Source & Tributary
All or part					
✓ ☐	34-7179	2.78 cfs	Irrigation	04/01 to 11/01	Ground Water
✓ ☐	34-2330B	1.75 cfs	Irrigation	04/01 to 10/31	Ground Water
✓ ☐	34-7077	8 cfs	Irrigation	04/01 to 11/01	Ground Water
✓ ☐	34-7080B	5.33 cfs	Irrigation	04/01 to 10/31	Ground Water
✓ ☐	34-7092	12 cfs	Irrigation	04/15 to 10/15	Ground Water
✓ ☐	34-7121A	0.46 cfs	Irrigation	04/15 to 10/15	Ground Water
✓ ☐	34-7121B	3.74 cfs	Irrigation	04/01 to 11/01	Ground Water
✓ ☐	34-12376	1.25 cfs	Irrigation	04/01 to 10/31	Ground Water
✓ ☐	34-13840	1.26 cfs	Irrigation	04/01 to 10/31	Ground Water
✓ ☐	34-13842	0.46 cfs	Irrigation	04/01 to 11/01	Ground Water

Total: 37.03 cfs and/or _____ ac-ft.2. Total amount of water being transferred or changed 5.0 Cubic feet per second and/or _____ acre-feet annum.

3. Point(s) of diversion:

☐ No changes to point(s) of diversion are proposed - the following chart is therefore not completed. (Proceed to #4.)☐ Attach Eastern Snake Plain Aquifer analysis if this transfer proposes to change a point of diversion affecting the ESPA. Label it Attachment #5.

New ?	Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Source	Local name for diversion
	2	NE	NW	NE	4	4N	26E	BUTTE	GROUND WATER	
	3	NE	NE	NW	5	4N	26E	BUTTE	GROUND WATER	
		SW	NW	NW	21	5N	26E	BUTTE	GROUND WATER	
Y		SE	~~NW~~	SE	29	5N	26E	BUTTE	GROUND WATER	
		SE	NW	SE	29	5N	26E	BUTTE	GROUND WATER	Babcock Well
		SE	SW	NE	32	5N	26E	BUTTE	GROUND WATER	
		SE	NW	SE	32	5N	26E	BUTTE	GROUND WATER	
	2	NW	NW	NE	4	4N	26E	BUTTE	GROUND WATER	

4. Place of use: (If irrigation, identify with number of acres irrigated per 1/4 tract.)

☒ No changes to place of use are proposed - the following chart is therefore not completed. (Proceed to #5).

Twp	Rge	Sec	NE 1/4	NW 1/4	SW 1/4	SE 1/4	Acre Totals
-----	-----	-----	--------	--------	--------	--------	-------------

[illegible]

5. General Information:

- If yes, describe:** Water bank leases have been submitted, but have not yet been approved.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT PART 3

A. PLAT MAP (See Part 3A of instructions for application for transfer for complete requirements.)

- ☐ If the transfer application proposes to change the place or purpose of use of an irrigation right attach a Geographic Information System (GIS) shape file, or an aerial photo or other image clearly delineating the location and extent of existing acres and changes to the place of use. Label it Attachment #7b. If the place of use currently consists of a permissible place of use, then the attachment is not required if the application contains a clear statement that the boundaries for the place of use are not proposed to be changed by the transfer and the total number of irrigated acres within the place of use before and after the transfer is clearly stated.

B. CHANGES IN NATURE OF USE (Water Balance)

- ☐ If you propose to change the nature of use or period of use of all or part of the right(s) listed in this application, attach documentation describing the extent of historic beneficial use of the portion of the right(s) proposed to be changed. Also attach documentation showing that the portion of the right(s) to be changed will not be enlarged in rate, volume, or consumptive use through the proposed change. Label it **Attachment #8a**.

C. PLACE OF USE CHANGES THE SUPPLEMENTAL IRRIGATION RIGHTS

- ☐ If you propose to change the place of use of a supplemental irrigation right, answer below and attach supporting documentation. Label it Attachment #8b.

1. Describe how the supplemental water rights have been used historically in conjunction with other water rights at the existing place of use. Describe the time during the irrigation season that the supplemental rights have been used. Include information about the availability or reliability of the primary right(s) being supplemented, both before and after the change. If the applicant is proposing to change a supplemental irrigation right to a primary right, provide the information required in Part 3B above.

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.**FOR DEPARTMENT USE ONLY**

Transfer contains _____ pages and _____ attachments.
 Received by: _____ Date: _____ Prelim. Check by _____ Date: _____
 Fee paid: 410 Date: 5/2/2010 Received by: W/ace Receipt # 6035579
 Add'l fee paid _____ Date: _____ Received by _____ Receipt # _____

76286

**Attachment No. 2a
Water Right Ownership
Documentation**

76286

IDWR Water Right and Adjudication Search

76286

Note: This search tool identifies active water rights and active transfers. If you want to search both active and inactive water rights, please check the box below.

To view documents related to all existing Transfer applications, see SEARCH Transfers on the Water Right Transfer tab.

☐ Search for both active and inactive water right records.

Search Results

Type of Query

USAGE INSTRUCTION

☒ All Adjudication & Water Rights	
Adjudication ☐ Claims ☐ Recommendations ☐ Both	Water Rights ☐ Applications ☐ Permits ☐ Decrees, Licenses and Statutory Claims ☐ Transfers ☐ All of the above

Basin Who What When Where Clear Search Help

Query parameters:

OrganizationName = Telford Lands

Search for: active Records

Information for type: Statutory Claim, Decree and License

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
Details												
Related Documents	1	34	618			Decreed	Active	1884-09-01	3.2	BIG LOST RIVER	IRRIGATION	TELFORD LANDS LLC (Current)
General Provision												
Details												
Related Documents	2	34	2330	B		Decreed	Active	1977-06-01	1.75	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
General Provision												
Details												
Related Documents	3	34	7077			Decreed	Active	1974-09-05	8	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
General Provision												
Details												
Related Documents	4	34	7080	B		Decreed	Active	1974-09-23	5.33	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
General Provision												
Details												
Related Documents	5	34	7092			Decreed	Active	1975-01-14	12	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
General Provision												
Details												
Related Documents	6	34	7121	A		Decreed	Active	1976-01-09	0.46	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
General Provision												
Details												
Related Documents	7	34	7121	B		Decreed	Active	1976-01-09	3.74	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
General Provision												
Details												
Related Documents	8	34	7179			Decreed	Active	1982-04-06	2.78	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
General Provision												

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Details	9	34	10028			Decreed	Active	1961-04-01	4.36	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
Related Documents												
General Provision												
Details	10	34	10896			Decreed	Active	1983-04-01	0.38	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
Related Documents												
General Provision												
Details	11	34	12376			Decreed	Active	1977-06-01	1.25	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
Related Documents												
General Provision												
Details	12	34	13659			Decreed	Active	1889-06-01	0.97	BIG LOST RIVER	IRRIGATION	TELFORD LANDS LLC (Current)
Pedigree												
Related Documents												
General Provision												
Details	13	34	13661			Decreed	Active	1896-06-01	1	BIG LOST RIVER	IRRIGATION	TELFORD LANDS LLC (Current)
Pedigree												
Related Documents												
General Provision												
Details	14	34	13840			Decreed	Active	1982-04-06	1.26	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
Pedigree												
Related Documents												
General Provision												
Details	15	34	13842			Decreed	Active	1975-12-17	0.46	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
Pedigree												
Related Documents												
General Provision												

Number of records = 15

76286

76 28 6

Attachment No. 7a
Map - Proposed POD

76 28 6

76 28 6

Attachment No. 9

Other

76 28 6

Grant of Irrigation Easement**76286**

For valuable consideration the receipt of which is hereby acknowledged Boyd B. Burnett and Sandra P. Burnett
of 3219 N. 3400 W. Moore, ID

Husband and wife, hereby grants and conveys to

Telford Lands LLC, of 1450 W. Highway 24, Paul, ID;

an irrigation easement for placement, repair and maintenance of an irrigation well located within SE,NE,SE
OF SECTION 29 TOWNSHIP 5 NORTH, RANGE 26 EAST and a pipeline to convey the irrigation water from the
new point of diversion to the U.C. canal to benefit the lands whose water is delivered by the Timber Dome
Canal Company. The pipeline is to run generally west from the well site to the UC canal all of which is located
in the following legal description.

Legal Description

The property lying in Township 5 North, Range 26 East of the Boise Meridian, Butte County, Idaho.

Section 29: N $\frac{1}{2}$ SE $\frac{1}{4}$

Section 20: SE $\frac{1}{4}$ SE $\frac{1}{4}$ and W $\frac{1}{2}$ SE $\frac{1}{4}$

This agreement shall apply to and be binding upon the heirs,
executors, administrators and successors of the parties hereto.

IN WITNESS WHEREOF, the parties have signed their names
and affixed their seals this 3rd day of November 2009.

NO. 3047350
RECORDED

DEC 04 2009

9:50 A.M.
BUTTE COUNTY RECORDER
[Signature]

State of Idaho)

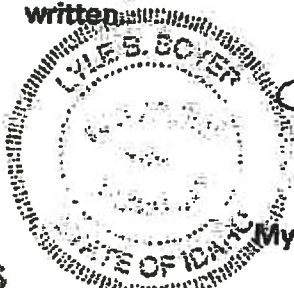
) ss.

County of Butte)

On this 3rd day of November, in the year 2009, before me the undersigned notary public in and for
said state, personally appeared Boyd B. Burnett and Sandra P. Burnett, know or
identified to me to be persons whose names are subscribed to the within instrument and acknowledged to me
they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above

written.



[Signature]

Notary Public

Residing at Arco, ID

My commission expires 6-5-2015

76286

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

APPLICATION FOR TRANSFER OF WATER RIGHT
MINIMUM REQUIREMENTS CHECKLIST

FEB 02 2010

An application for transfer must be prepared in accordance with the minimum requirements listed below to be acceptable for processing by the Department. Incomplete applications will be returned. The instructions, fee schedule and water right proof report or details report for part 2A of the transfer application are available from any Department office or on the Department's website at <http://www.idwr.idaho.gov/>.

Check whether each item below is attached (Yes) or not applicable (N/A) for the proposed transfer.

- | Yes | N/A | |
|--|-------------------------------------|--|
| ☒ | ☐ | * Completed Application for Transfer of Water Right form, Part 1. |
| ☒ | ☐ | * Signature of Applicant(s) or applicant's authorized representative on Application for Transfer Part 1. Include evidence of authority labeled Attachment #3 (see below) if signed by representative. |
| ☒ | ☐ | * Application for Transfer Part 2A. Attach a Proof Report (obtained from Department) or Details report (Obtained on website) describing each water right in the transfer as currently recorded.
Complete and attached an Application for Transfer Part 2B for each water right for which <u>only a portion</u> is proposed to be changed through this transfer application. |
| ☒ | ☐ | * Application for Transfer Part 3A is always required (see Attachment #7a below); Parts 3B and 3C must be completed for transfer applications proposing to change the nature of use of the water right(s) or proposing changes to supplemental right(s). |
| ☒ | ☐ | * Correct fee submitted with transfer application form. (Fee schedule is on website and instructions for application for transfer). |
| Attachments to Application - Label each attachment with the corresponding number shown below as Attachment #1-9 | | |
| ☐ | ☒ | #1 if the applicant is a business, partnership, organization, or association, and <u>not</u> currently registered in the State of Idaho as a business entity, attach documentation identifying officers authorized to sign or act on behalf of right holder (see Part 1.) |
| ☐ | ☒ | #2a Water Right ownership documentation if Dept. records do not show the transfer applicant as the current water right owner. |
| ☐ | ☒ | #2b if the ownership of the water right will change as a result of the proposed transfer to a new place of use, attach documentation showing land and water right ownership at the new place of use. Include documentation for all affected land and owner(s). |
| ☐ | ☒ | #3 Documentation of authority to make the change if the applicant is not the water right owner. |
| ☐ | ☒ | #4 Power of Attorney or documentation providing authority to sign or act on the applicant's behalf. (See Part 1.) |
| ☐ | ☒ | #5 if the transfer application proposes to change the point of diversion for a water right affecting the Eastern Snake Plain Aquifer (ESPA), attach the results of an ESPA analysis and a detailed mitigation plan to offset any depletions to hydraulically connected reaches of the Snake River. ESPA transfer spreadsheet and model grid labeled cells are available on the Department's website at http://www.idwr.idaho.gov/water/rights . |
| ☐ | ☒ | #6 Notarized statement of agreement or a statement on official letterhead signed by an authorized representative from each lien holder or other entity with financial interest in the water right(s) or land affected by the proposed transfer (See Part 1.5.c) |
| ☒ | ☐ | * #7a Attach a map identifying the proposed point(s) of diversion, place(s) of use, and water diversion and distribution system details as described on the application. Include legal description labels. If only a portion of the right is proposed to be changed, identify the current location of the part of the existing right(s) proposed to be changed. (See Part 3A). |
| ☐ | ☒ | #7b If the transfer application proposes to change the place or purpose of use of an irrigation right attach a Geographic Information System (GIS) shape file, or an aerial photo or other image clearly delineating the location and extent of existing acres and changes to the place of use. |
| ☐ | ☒ | #8a If the transfer application proposes to change the nature of use or period of use for one or more rights, provide documentation describing the extent of historic beneficial use for the water rights proposed to be transferred and document how enlargement will be avoided. (See Part 3B). |
| ☐ | ☒ | #8b If the transfer application proposes to change the place of use of a supplemental irrigation right, provide documentation regarding the historic use of the supplemental right(s) and availability or reliability of the primary right(s) being supplemented, both before and after the proposed change. (See Part 3C.) |
| ☒ | ☐ | #9 Other. Please describe: <u>Easement Deed</u> |

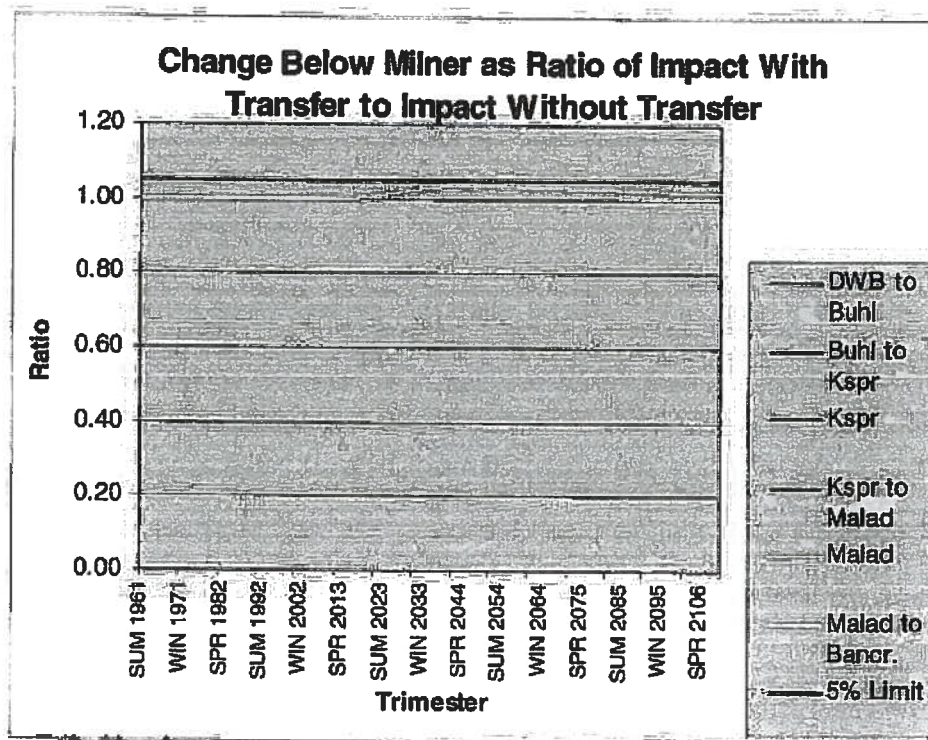
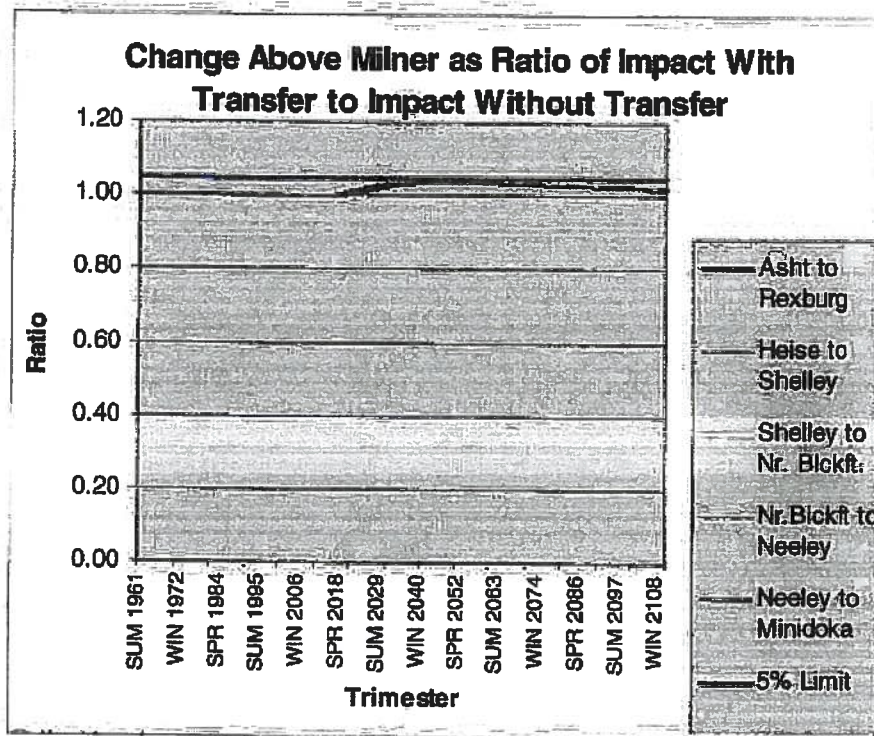
G:\WP\DATA\AIRL\H15064 Telbord, Mike\Transfer App., 02012010 wpd:cdv

AMENDED

AMENDED

76286

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76286

ENHANCED GROUND-W

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEA

Cells this color are
set up for user entriesENTER STARTING DATE FOR
SIMULATION. THEN PUSH
"UPDATE DATES" BUTTON

TRANSFER NO:

76285

YEAR

1961

TRANSFER NAME

SEASON

SUMMER

Telford Lands LLC

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	25	23	0	0
COLUMN	111	112	0	0

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 W
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER
SUM 1961	0	292	292	0
WIN 1961	0	292	292	0
SPR 1962	0	292	292	0
SUM 1962	0	292	292	0
WIN 1962	0	292	292	0
SPR 1963	0	292	292	0
SUM 1963	0	292	292	0
WIN 1963	0	292	292	0
SPR 1964	0	292	292	0
SUM 1964	0	292	292	0
WIN 1964	0	292	292	0
SPR 1965	0	292	292	0
SUM 1965	0	292	292	0
WIN 1965	0	292	292	0
SPR 1966	0	292	292	0
SUM 1966	0	292	292	0
WIN 1966	0	292	292	0
SPR 1967	0	292	292	0
SUM 1967	0	292	292	0

SPR 1999	0	292	292	0
SUM 1999	0	292	292	0
WIN 1999	0	292	292	0
SPR 2000	0	292	292	0
SUM 2000	0	292	292	0
WIN 2000	0	292	292	0
SPR 2001	0	292	292	0
SUM 2001	0	292	292	0
WIN 2001	0	292	292	0
SPR 2002	0	292	292	0
SUM 2002	0	292	292	0
WIN 2002	0	292	292	0
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SUM 2003	0	292	292	0
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SPR 2007	0	292	292	0
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SUM 2008	0	292	292	0
WIN 2008	0	292	292	0
SPR 2009	0	292	292	0
SUM 2009	0	292	292	0
WIN 2009	0	292	292	0
SPR 2010	292	0	292	0
SUM 2010	292	0	292	0
WIN 2010	292	0	292	0
SPR 2011	292	0	292	0
SUM 2011	292	0	292	0
WIN 2011	292	0	292	0
SPR 2012	292	0	292	0
SUM 2012	292	0	292	0
WIN 2012	292	0	292	0
SPR 2013	292	0	292	0
SUM 2013	292	0	292	0
WIN 2013	292	0	292	0
SPR 2014	292	0	292	0
SUM 2014	292	0	292	0
WIN 2014	292	0	292	0
SPR 2015	292	0	292	0

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

**APPLICATION FOR TRANSFER OF WATER RIGHT
MINIMUM REQUIREMENTS CHECKLIST**

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Check whether each item below is *attached* (Yes) or *not applicable* (N/A) for the proposed transfer.

- | Yes | N/A | |
|-------------------------------------|-------------------------------------|--|
| ☒ | ☐ | * Means the item is <u>always required</u> and must be included with the application. |
| ☒ | ☐ | * Completed Application for Transfer of Water Right form, Part 1. |
| ☒ | ☐ | * Signature of Applicant(s) or applicant's authorized representative on Application for Transfer Part 1. Include evidence of authority labeled Attachment #3 (see below) if signed by representative. |
| ☒ | ☐ | * Application for Transfer Part 2A. Attach a Proof Report (obtained from Department) or Details report (Obtained on website) describing each water right in the transfer as currently recorded.
Complete and attached an Application for Transfer Part 2B <u>for each water right</u> for which <u>only a portion</u> is proposed to be changed through this transfer application. |
| ☒ | ☐ | * Application for Transfer Part 3A is always required (see Attachment #7a below); Parts 3B and 3C must be completed for transfer applications proposing to change the nature of use of the water right(s) or proposing changes to supplemental right(s). |
| ☒ | ☐ | * Correct fee submitted with transfer application form. (Fee schedule is on website and instructions for application for transfer). |
| ☐ | ☒ | Attachments to Application - Label each attachment with the corresponding number shown below as Attachment #1-9 |
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| ☐ | ☒ | #4 Power of Attorney or documentation providing authority to sign or act on the applicant's behalf. (See Part 1.) |
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| ☐ | ☒ | #7b If the transfer application proposes to change the place or purpose of use of an irrigation right attach a Geographic Information System (GIS) shape file, or an aerial photo or other image clearly delineating the location and extent of existing acres and changes to the place of use. |
| ☐ | ☒ | #8a If the transfer application proposes to change the nature of use or period of use for one or more rights, provide documentation describing the extent of historic beneficial use for the water rights proposed to be transferred and document how enlargement will be avoided. (See Part 3B). |
| ☐ | ☒ | #8b If the transfer application proposes to change the place of use of a supplemental irrigation right, provide documentation regarding the historic use of the supplemental right(s) and availability or reliability of the primary right(s) being supplemented, both before and after the proposed change. (See Part 3C.) |
| ☐ | ☒ | #9 Other. Please describe: _____ |

G:\WPDATA\IRLIN\5064 Telford, Mike\Transfer App. 012910.wp1.cdv

SUPERCEDED

76286

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1

JAN 29 2010

Department of Water Resources
Eastern RegionName of Applicant(s) Telford Lands, LLC; c/o Mike Telford Phone: _____Mailing Address: 1450 W. Hwy. 24, Paul, ID 8347 Email: _____

- ☐ If applicant is not an individual and not registered to do business in the State of Idaho, attach documentation identifying officers authorized to sign or act on behalf of the applicant. Label it Attachment #1.
- ☐ Attach water right ownership documentation if Department records do not show the transfer applicant as the current water right owner. Label it Attachment #2a.
- ☐ If the ownership of the water right will change as a result of the proposed transfer to a new place of use, attach documentation showing land and water right ownership at the new place of use: Include documentation for all affected land and owner(s). Label it Attachment #2b.
- ☐ Attach documentation of authority to make the proposed change if the applicant is not the water right owner. Label it Attachment #3.

Provide contact information below if a consultant, attorney, or any other person is representing the applicant in this transfer process.

☐ No RepresentativeName of representative Robert L. Harris; Holden, Kidwell, Hahn & Crapo, P.L.L.C. Phone: _____Mailing Address: PO Box 50130, Idaho Falls, ID 83405-0130 Email: rharris@holdenlegal.com☐ Send all correspondence for this application to the representative and not the applicant.

OR

☒ Send original correspondence to the applicant and copies to the representative.☐ The representative may submit information for the applicant but is not authorized to sign for the applicant.

OR

☒ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation providing authority to sign for the applicant and label it Attachment #4.

I hereby assert that no one will be injured by the proposed changes and that the proposed changes do not constitute an enlargement in use of the original right(s). 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 or Authorized Representative

Mike TELFORD

Print Name and Title if applicable

Signature of Applicant or Authorized Representative_____
Print Name and Title if applicable

A. PURPOSE OF TRANSFER

1. ☒ Change point of diversion ☒ Add diversion point(s) ☐ Change Place of use
- ☐ Change nature of use ☐ Change period of use ☐ Other: _____

2. Describe your proposal in narrative form, including a detailed description of non-irrigation uses to justify amounts transferred (i.e. number of stock, etc.), and provide additional explanation of any other items on the application. Attach additional pages if necessary and label if part 1A.2. This Application for Transfer will add a new point of diversion for a new proposed well.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESAPPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

B. DESCRIPTION OF RIGHTS AFTER THE REQUESTED CHANGES. IF THE RIGHTS ARE BEING SPLIT, DESCRIBE PORTIONS TO BE CHANGED AS THEY WOULD APPEAR AFTER THE REQUESTED CHANGES.

1.	Right Number	Amount (cfs/ac-ft)	Nature of Use	Period of Use	Source & Tributary
All or part					
✓ ☐	34-7179	2.78 cfs	Irrigation	04/01 to 11/01	Ground Water
✓ ☐	34-2330B	1.75 cfs	Irrigation	04/01 to 10/31	Ground Water
✓ ☐	34-7077	8 cfs	Irrigation	04/01 to 11/01	Ground Water
✓ ☐	34-7080B	5.33 cfs	Irrigation	04/01 to 10/31	Ground Water
✓ ☐	34-7092	12 cfs	Irrigation	04/15 to 10/15	Ground Water
✓ ☐	34-7121A	0.46 cfs	Irrigation	04/15 to 10/15	Ground Water
✓ ☐	34-7121B	3.74 cfs	Irrigation	04/01 to 11/01	Ground Water
✓ ☐	34-12376	1.25 cfs	Irrigation	04/01 to 10/31	Ground Water
✓ ☐	34-13840	1.26 cfs	Irrigation	04/01 to 10/31	Ground Water
✓ ☐	34-13842	0.46 cfs	Irrigation	04/01 to 11/01	Ground Water

Total: 37.03 cfs and/or _____ ac-ft.2. Total amount of water being transferred or changed 8.0 ^{Per} Cubic feet per second and/or _____ acre-feet annum.

3. Point(s) of diversion:

☐ No changes to point(s) of diversion are proposed - the following chart is therefore not completed. (Proceed to #4.)☐ Attach Eastern Snake Plain Aquifer analysis if this transfer proposes to change a point of diversion affecting the ESPA. Label it Attachment #5.

New ?	Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Source	Local name for diversion
	2	NE	NW	NE	4	4N	26E			
	3	NE	NE	NW	5	4N	26E			
		SW	NW	NW	21	5N	26E			
Y		SE	NW	SE	29	5N	26E			
		SE	SW	NE	32	5N	26E			
		SE	NW	SE	32	5N	26E			
	2	NW	NW	NE	4	4N	26E			

4. Place of use: (If irrigation, identify with number of acres irrigated per 1/4 1/4 tract.)

☒ No changes to place of use are proposed - the following chart is therefore not completed. (Proceed to #5).

Twp	Rge	Sec	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Acre Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Acres (for irrigation use) _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

5. General Information:

- a. Describe the complete diversion system, including how you will accommodate a measuring device and lockable controlling works should they be required now or in the future. A new well will be drilled. Any measuring devices or lockable controlling works will be installed if required.

- b. Who owns the property at the point(s) of diversion? Boyd Burnett.
If other than the applicant, describe the arrangement enabling the applicant to access the property for the diversion system:
The applicant has secured an easement for the well location.

- c. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts?
If yes, ☐ Attach a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes on official letterhead signed by an authorized representative. Label it Attachment #6. List the name of the entity and type of lien: No changes to the place of use is proposed.

It is the applicant's responsibility to provide notice to lien holder, trustee, mortgagor, or contract holder of the proposed changes that may impact or change the value of the water rights or affected real property. Any misrepresentation or legal encumbrance on this application may result in rejection of the application or cancellation of an approval.

- d. Describe the effect on the land now irrigated if the place or purpose of use is changed pursuant to this transfer: None.
- e. Describe the use of any other water right(s) for the same purpose or land, or the same diversion system as right(s) proposed to be transferred at both the existing and proposed point(s) of diversion and place(s) of use: None.

- f. To your knowledge, has/is any portion of the water right(s) proposed to be changed:

Yes No

- ☐ ☒ Undergone a period of five or more consecutive years of non-use;
- ☒ ☐ Currently leased to the Water Supply Bank;
- ☐ ☒ Currently used in a mitigation plan limiting the use of water under the right, or
- ☐ ☒ Currently enrolled in a Federal set-aside program limiting the use of water under the rights?

If yes, describe: Water bank leases have been submitted, but have not yet been approved.

PART 2

[illegible]

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APPLICATION FOR TRANSFER OF WATER RIGHT PART 3

✓ Attach a map of the diversion, measurement, control, and distribution system. Label it Attachment #7a.

1. Describe how the supplemental water rights have been used historically in conjunction with other water rights at the existing place of use. Describe the time during the irrigation season that the supplemental rights have been used. Include information about the availability or reliability of the primary right(s) being supplemented, both before and after the change. If the applicant is proposing to change a supplemental irrigation right to a primary right, provide the information required in Part 3B above.

Transfer contains _____ pages and _____ attachments.
 Received by: _____ Date: _____ Prelim. Check by _____ Date: _____
 Fee paid: _____ Date: _____ Received by _____ Receipt # _____
 Add'l fee paid _____ Date: _____ Received by _____ Receipt # _____

76 28 6

**Attachment No. 2a
Water Right Ownership
Documentation**

76 28 6

IDWR Water Right and Adjudication Search

76 28 6

Note: This search tool identifies active water rights and active transfers. If you want to search both active and inactive water rights, please check the box below.

To view documents related to all existing Transfer applications, see [SEARCH Transfers](#) on the Water Right Transfer tab.

☐ Search for both active and inactive water right records.

Search Results

Type of Query USAGE INSTRUCTION

☒ All Adjudication & Water Rights

Adjudication

☐ Claims

☐ Recommendations

☐ Both

Water Rights

☐ Applications

☐ Permits

☐ Decrees, Licenses and Statutory Claims

☐ Transfers

☐ All of the above

Basin
Who
What
When
Where
Clear
Search
Help

Query parameters:

OrganizationName = Telford Lands

Search for: active Records

Information for type: Statutory Claim, Decree and License

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
Details												
Related Documents	1	34	618			Decreed	Active	1884-09-01	3.2	BIG LOST RIVER	IRRIGATION	TELFORD LANDS LLC (Current)
General Provision												
Details												
Related Documents	2	34	2330	B		Decreed	Active	1977-06-01	1.75	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
General Provision												
Details												
Related Documents	3	34	7077			Decreed	Active	1974-09-05	8	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
General Provision												
Details												
Related Documents	4	34	7080	B		Decreed	Active	1974-09-23	5.33	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
General Provision												
Details												
Related Documents	5	34	7092			Decreed	Active	1975-01-14	12	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
General Provision												
Details												
Related Documents	6	34	7121	A		Decreed	Active	1976-01-09	0.46	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
General Provision												
Details												
Related Documents	7	34	7121	B		Decreed	Active	1976-01-09	3.74	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
General Provision												
Details												
Related Documents	8	34	7179			Decreed	Active	1982-04-06	2.78	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
General Provision												

76286

Details	9	34	10028			Decreed	Active	1961-04-01	4.36	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
Related Documents												
General Provision												
Details	10	34	10896			Decreed	Active	1983-04-01	0.38	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
Related Documents												
General Provision												
Details	11	34	12376			Decreed	Active	1977-06-01	1.25	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
Related Documents												
General Provision												
Details	12	34	13659			Decreed	Active	1889-06-01	0.97	BIG LOST RIVER	IRRIGATION	TELFORD LANDS LLC (Current)
Pedigree												
Related Documents												
General Provision												
Details	13	34	13661			Decreed	Active	1896-06-01	1	BIG LOST RIVER	IRRIGATION	TELFORD LANDS LLC (Current)
Pedigree												
Related Documents												
General Provision												
Details	14	34	13840			Decreed	Active	1982-04-06	1.26	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
Pedigree												
Related Documents												
General Provision												
Details	15	34	13842			Decreed	Active	1975-12-17	0.46	GROUND WATER	IRRIGATION	TELFORD LANDS LLC (Current)
Pedigree												
Related Documents												
General Provision												

Number of records = 15

76286

76 28 6

Attachment No. 7a
Map - Proposed POD

76 28 6

Telford Proposed New Point of Diversion



76 28 6

Legend

-  Proposed New POD
-  Sections
-  Quarter Quarters



76 28 6

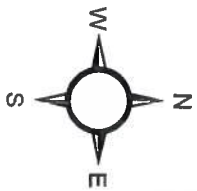
TELFORD LANDS LLC WATER RIGHTS

Water Right No.	Current Name on Water Right	Basis	Priority Date	Source	Beneficial Use	Period of Use	Individual Diversion Rate Limitation (cfs)	Combined Diversion Rate Limitation (cfs)	Individual Volume Limitation (AFA)	Combined Volume Limitation (AFA)	Individual Acre Limitation	Total Place of Use	Points of Diversion
34-7179* (portion)	Mickelsen Properties LLC	Partial Decree	Apr. 6, 1982	Ground Water	Irrigation	04/01 to 11/03	2.78	n/a	n/a	none	none		L2(NENWNE) 4N, 20E, Sec. 4 (Dad's Place Well)
34-7179 (portion)	Mickelsen Properties LLC	Partial Decree	Apr. 6, 1982	Ground Water	Irrigation				1195.5		none		L3 (NENENW), 4N, 20E, Sec. 5 (Niederer Well)
34-23308	Mickelsen Properties LLC	Partial Decree	June 1, 1977	Ground Water	Irrigation	04/01 to 10/3	1.75		429		122.5		SWNNW, 5N, 20E, Sec. 21 (Burnett Well)
34-7077	Mickelsen Properties LLC	Partial Decree	Sept. 5, 1974	Ground Water	Irrigation	04/01 to 11/03	8		700		200		SENWSE, 5N, 20E, Sec. 21 (Babcock Well)
34-70808	Mickelsen Properties LLC	Partial Decree	Sept. 23, 1974	Ground Water	Irrigation	04/01 to 10/3	5.33		1001		288		SENWSE, 5N, 20E, Sec. 32 (McAfee Well)
34-7082	Mickelsen Properties LLC	Partial Decree	Jan. 14, 1975	Ground Water	Irrigation	04/15 to 10/1	12	37.03	2222.5	6947.5	635	1985	SENWSE, 5N, 20E, Sec. 32 (S. McAfee Well)
34-7121A	Mickelsen Properties LLC	Partial Decree	Jan. 8, 1976	Ground Water	Irrigation	04/15 to 10/1	0.46		189		288		FIRST PROPOSED WELL: L2(NWNNW) 4N, 20E, Sec. 4 (River 2 Well-NEVER DRILLED)
34-7121B	Mickelsen Properties LLC	Partial Decree	Jan. 8, 1976	Ground Water	Irrigation	04/01 to 11/03	3.74		1108		316		SECOND PROPOSED WELL: SENWSE, 5N, 20E, Sec. 29 NE
34-12376	Mickelsen Properties LLC	Partial Decree	June 1, 1977	Ground Water	Irrigation	04/01 to 10/3	1.25		308.3		87.5		
34-13840	Mickelsen Properties LLC	Partial Decree	Apr. 6, 1982	Ground Water	Irrigation	04/01 to 10/3	1.28		248.5		71		
34-13842	Mickelsen Properties LLC	Partial Decree	Dec. 17, 1975	Ground Water	Irrigation	04/01 to 11/03	0.46		198.2		140		
					TOTALS		37.03	37.03	7584	6947.5	2144	1985	

*There is a portion of 34-7179 tied to water right no. 34-518, which states that a portion of this right along with 34-618 was not to exceed a total annual diversion volume of 496.5 af at the field headgate. It is unclear what portion of 34-7179 this is.

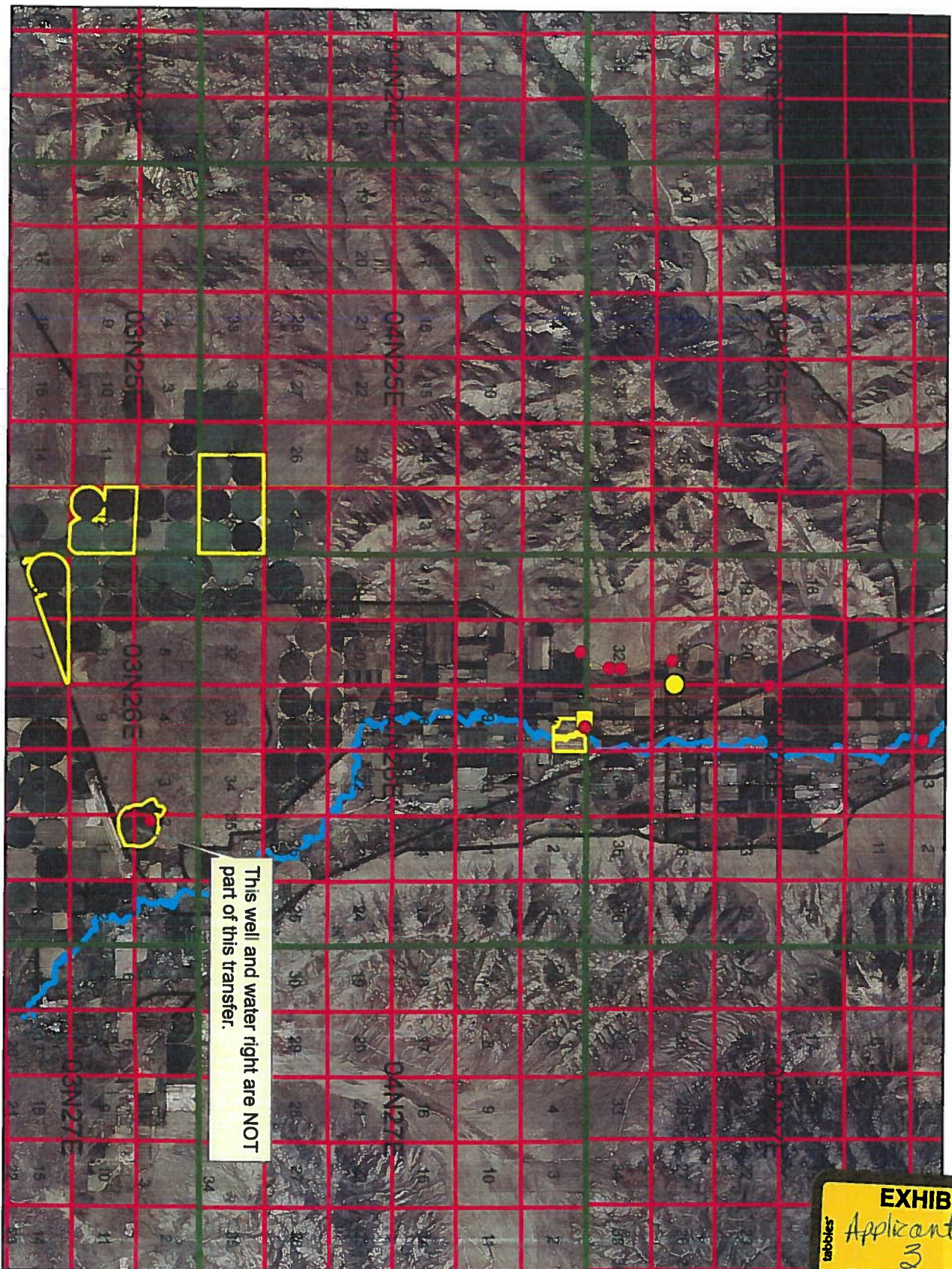
EXHIBIT
 Applicant
 2
 5-26-11

TELFORD TRANSFER NO. 76286



Legend

- Existing_PODs
- Proposed New POD
- Incomplete_Well
- Place_of_Use
- Township & Range
- Section
- Big Lost River
- Major Roads

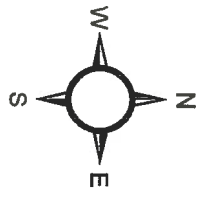


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Prepared by:
Robert L. Harris
May 12, 2011

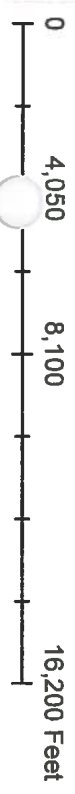
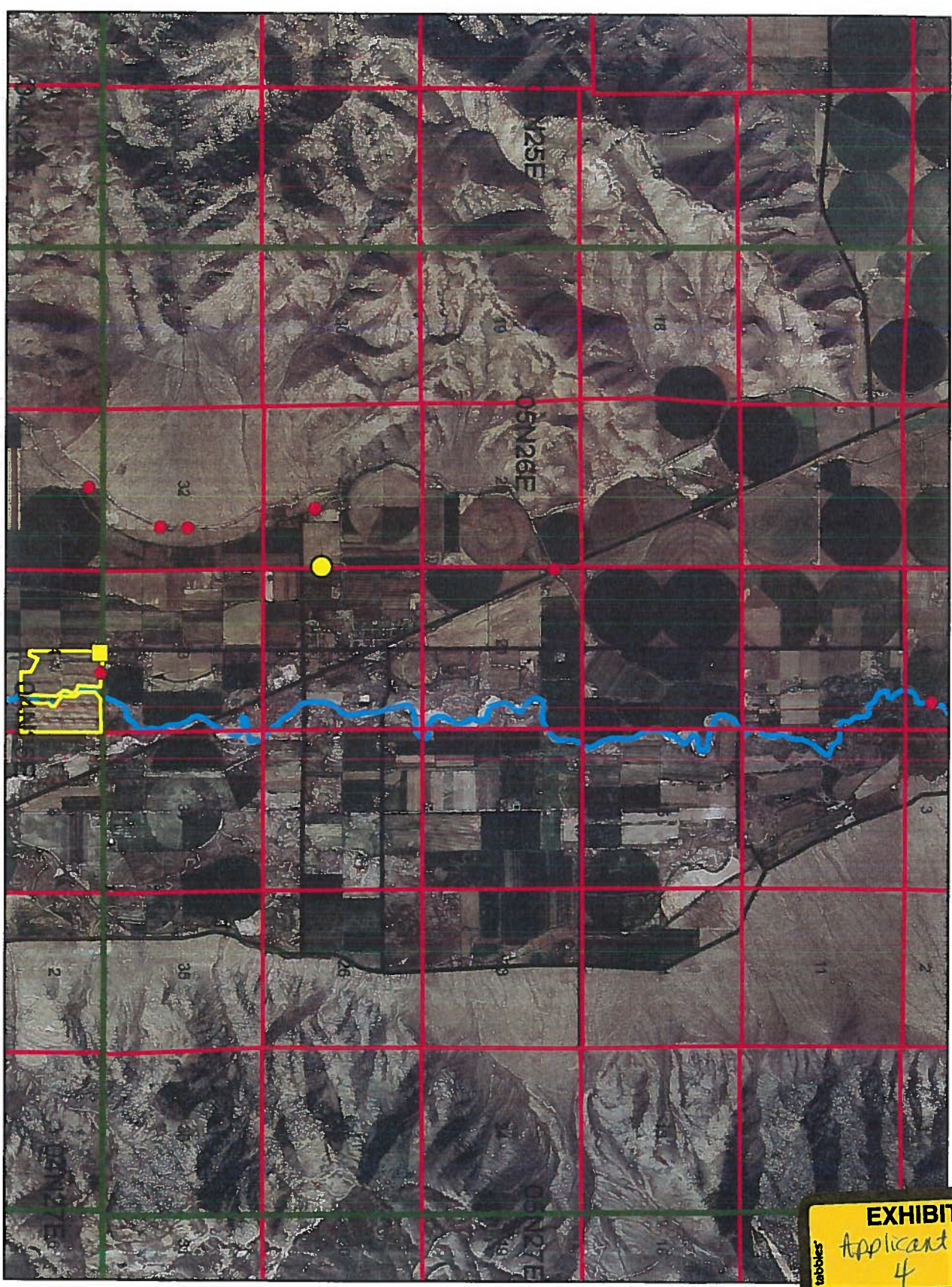
EXHIBIT
Applicant
3
5-26-11

TELFORD TRANSFER NO. 76286



Legend

- Existing_PODs
- Proposed New POD
- Incomplete_Well
- Place_of_Use
- Township & Range
- Section
- Big Lost River
- MajorRoads



Prepared by:
Robert L. Harris
May 12, 2011

EXHIBIT

Applicant
4

5-26-11

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
TRANSFER OF WATER RIGHT
TRANSFER NO. 74921

This is to certify that: TELFORD LANDS LLC
 C/O MIKE TELFORD
 1450 W HWY 24
 PAUL ID 83347

has requested a change to the water right(s) listed below. This change in water right(s) is authorized pursuant to the provisions of Section 42-222, Idaho Code. A summary of the changes is also listed below. The authorized change for each affected water right, including conditions of approval, is shown on the following pages of this document.

Summary of Water Rights Before the Proposed Change

<u>Right</u>	<u>Origin/Basis</u>	<u>Priority</u>	<u>Rate</u>	<u>Volume</u>	<u>Acre Limit</u>	<u>Total Acres</u>	<u>Source</u>
34-7080B	WR/Decreed	09/23/1974	5.33 cfs	1001 af	286.0	1,985.0	GROUND WATER
34-2330B	WR/Decreed	06/01/1977	1.75 cfs	429 af	122.5	1,985.0	GROUND WATER
34-7121A	WR/Decreed	01/09/1976	0.46 cfs	169 af	286.0	1,985.0	GROUND WATER
34-7121B	WR/Decreed	01/09/1976	3.74 cfs	1106 af	316.0	1,985.0	GROUND WATER
34-7179	WR/Decreed	04/06/1982	2.78 cfs	1185.5 af	N/A	2,124.0	GROUND WATER
34-12376	WR/Decreed	06/01/1977	1.25 cfs	306.3 af	87.5	1,985.0	GROUND WATER
34-7092	WR/Decreed	01/14/1975	12.0 cfs	2222.5 af	635.0	1,985.0	GROUND WATER
34-13840	WR/Decreed	04/06/1982	1.26 cfs	248.5 af	71.0	1,985.0	GROUND WATER
34-7077	WR/Decreed	09/05/1974	8.0 cfs	700 af	200.0	1,985.0	GROUND WATER
34-13842	WR/Decreed	12/17/1975	0.46 cfs	196.2 af	140.0	1,985.0	GROUND WATER

Purpose of Transfer (Changes Proposed)

<u>Current Number</u>	<u>Split</u>	<u>POD</u>	<u>POU</u>	<u>Add POD</u>	<u>Period of Use</u>	<u>Nature of Use</u>
34-7080B	NO	NO	NO	YES	NO	NO
34-2330B	NO	NO	NO	YES	NO	NO
34-7121A	NO	NO	NO	YES	NO	NO
34-7121B	NO	NO	NO	YES	NO	NO
34-7179	NO	NO	NO	YES	NO	NO
34-12376	NO	NO	NO	YES	NO	NO
34-7092	NO	NO	NO	YES	NO	NO
34-13840	NO	NO	NO	YES	NO	NO
34-7077	NO	NO	NO	YES	NO	NO
34-13842	NO	NO	NO	YES	NO	NO

SUPPORT DATA

IN FILE # 34-233013



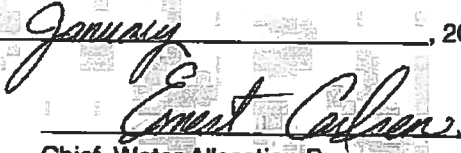
STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
TRANSFER OF WATER RIGHT
TRANSFER NO. 74921

Summary of Water Rights After the Approved Change

Existing Right	New No. (changed portion)	Transfer Rate	Transfer Volume	Acre Limit	Total Acres	New No. (remaining portion)	Remaining Rate	Remaining Volume	Remaining Acre Limit	Remaining Total Acres
34-7080B	34-7080B	5.33 cfs	1001 af	286.0	1,985.0		N/A	N/A	N/A	N/A
34-2330B	34-2330B	1.75 cfs	429 af	122.5	1,985.0		N/A	N/A	N/A	N/A
34-7121A	34-7121A	0.46 cfs	169 af	286.0	1,985.0		N/A	N/A	N/A	N/A
34-7121B	34-7121B	3.74 cfs	1106 af	316.0	1,985.0		N/A	N/A	N/A	N/A
34-7179	34-7179	2.78 cfs	1185.5 af	N/A	2,124.0		N/A	N/A	N/A	N/A
34-12376	34-12376	1.25 cfs	306.3 af	87.5	1,985.0		N/A	N/A	N/A	N/A
34-7092	34-7092	12 cfs	2222.5 af	635.0	1,985.0		N/A	N/A	N/A	N/A
34-13840	34-13840	1.26 cfs	248.5 af	71.0	1,985.0		N/A	N/A	N/A	N/A
34-7077	34-7077	8 cfs	700 af	200.0	1,985.0		N/A	N/A	N/A	N/A
34-13842	34-13842	0.46 cfs	196.2 af	140.0	1,985.0		N/A	N/A	N/A	N/A
COMBINED										
TOTALS		37.03 cfs	6947.5 af	2124.0	2124.0		N/A	N/A	N/A	N/A

Detailed Water Right Description(s) attached

Dated this 14 day of January, 20 09


 Chief, Water Allocation Bureau

WATER RIGHT NO. 34-7179
As Modified by Transfer No. 74921

In accordance with the approval of Transfer No. 74921, Water Right No. 34-7179 is now described as follows.

Right Holder: TELFORD LANDS LLC
 C/O MIKE TELFORD
 1450 W HWY 24
 PAUL ID 83347

Priority Date: April 06, 1982

Source: GROUND WATER

<u>BENEFICIAL USE</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/01 to 11/01		2.78 CFS	1,185.5 AF

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	L2 (NENWNE)	Sec. 4 Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L2 (NWNWNE)	Sec. 4 Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L3 (NENENW)	Sec. 5 Twp 04N	Rge 26E	BUTTE County
GROUND WATER	SWNWNW	Sec. 21 Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 29 Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SESWNE	Sec. 32 Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 32 Twp 05N	Rge 26E	BUTTE County

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	25E	12	39.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	31.0	32.0	31.0	32.0	39.0	40.0	36.0	36.0	595.0
03N	26E	17	11.0	25.0			37.0	39.0	13.0	5.0									130.0
03N	26E	18	35.0	39.0	36.0	25.0	38.0	26.0	37.0	40.0	17.0	10.0				2.0			305.0
								L1	L2			L3							
04N	25E	35	40.0	40.0	40.0	40.0									40.0	40.0	40.0	40.0	320.0
04N	25E	36	38.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.0	40.0	40.0	39.0	635.0
04N	26E	4	35.0	36.0	36.0	32.0													139.0
			L1	L2															

Total Acres: 2124

WATER RIGHT NO. 34-7179
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

1. Should all or any portion of water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-7179, 34-13659, 34-13661, 34-13840, and 34-13842 ever be curtailed as a result of a delivery call, the irrigated place of use for water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-13659, 34-13661, 34-13840, 34-13842 (all describing a place of use of 1985 acres) and water right no. 34-7179 (2124 acres) shall be reduced by the number of irrigated acres authorized to be irrigated by the individual water right that is curtailed.
2. Rights 34-2330B, 34-07077, 34-07080B, 34-07092, 34-07121A, 34-07121B, 34-12376, 34-13840, 34-13842, and that portion of ground water right no. 34-07179 not associated with water right no. 34-618, when combined, shall not exceed a total diversion rate of 37.03 cfs, and shall not exceed a total annual maximum diversion volume of 6,947.5 af at the field headgate.
3. Rights 34-618, 34-02330B, 34-07080B, 34-07121A, 34-07121B, 34-07092, 34-07077, 34-7179, 34-12376, 34-13659, 34-13661, 34-13840 and 34-13842 when combined shall not exceed the irrigation of 2124 acres.
4. Diversion of water from the additional well(s) authorized under Transfer 74921 located in NWNWNE LT2, Sec. 4, T04N, R26E shall not exceed a maximum diversion rate of 5.00 cfs.
5. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 34.
6. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
7. Water delivered through the Moore Diversion and Timberdome Canal.
8. The right holder shall make full beneficial use of all surface water rights available to the right holder for irrigation of the lands authorized to be irrigated under this right. The right holder shall limit the diversion of ground water under this right to those times when the surface water supply is not available or the surface water supply is not reasonably sufficient to irrigate the place of use authorized under this right.
9. If the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use, this right to divert groundwater shall not be used without an approved transfer pursuant to Section 42-222, Idaho Code, or approval of the Department if a transfer is not required.
10. The right holder shall accomplish the change authorized by this transfer within one (1) year of the date of this approval.
11. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
12. Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.

WATER RIGHT NO. 34-7179
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

13. Construction of new wells at the location of existing points of diversion is not authorized unless the water right holder obtains approval through an application for transfer, and the Department determines, by considering the transfer, whether the construction of and pumping from new wells will injure other water rights.
14. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
15. Prior to the diversion and use of water under Transfer approval 74921, the right holder shall install and maintain acceptable measuring device(s), including data logger(s), at the authorized point(s) of diversion and in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
16. Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.

This water right is subject to all prior water rights and shall be administered in accordance with Idaho law and applicable rules of the Department of Water Resources.

Dated this 14 day of January, 20 09


Chief, Water Allocation Bureau

WATER RIGHT NO. 34-2330B
As Modified by Transfer No. 74921

In accordance with the approval of Transfer No. 74921, Water Right No. 34-2330B is now described as follows.

Right Holder: TELFORD LANDS LLC
 C/O MIKE TELFORD
 1450 W HWY 24
 PAUL ID 83347

Priority Date: June 01, 1977

Source: GROUND WATER

<u>BENEFICIAL USE</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/01	to 10/31	1.75 CFS	429.0 AF

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	L2 (NENWNE)	Sec. 4 Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L2 (NWNWNE)	Sec. 4 Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L3 (NENENW)	Sec. 5 Twp 04N	Rge 26E	BUTTE County
GROUND WATER	SWNWNW	Sec. 21 Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 29 Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SESWNE	Sec. 32 Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 32 Twp 05N	Rge 26E	BUTTE County

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N 25E 12	39.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	31.0	32.0	31.0	32.0	39.0	40.0	36.0	36.0	595.0
03N 26E 17	11.0	25.0			37.0	39.0	13.0	5.0									130.0
03N 26E 18	35.0	39.0	36.0	25.0	38.0	26.0	37.0	40.0	17.0	10.0			2.0				305.0
						L1	L2			L3							
04N 25E 35	40.0	40.0	40.0	40.0									40.0	40.0	40.0	40.0	320.0
04N 25E 36	38.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.0	40.0	40.0	39.0	635.0

Total Acres: 1985

WATER RIGHT NO. 34-2330B
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

1. This right is limited to the irrigation of 122.5 acres within the place of use described above in a single irrigation season.
2. Rights 34-618, 34-02330B, 34-07080B, 34-07121A, 34-07121B, 34-07092, 34-07077, 34-7179, 34-12376, 34-13659, 34-13661, 34-13840 and 34-13842 when combined shall not exceed the irrigation of 2124 acres.
3. Should all or any portion of water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-7179, 34-13659, 34-13661, 34-13840, and 34-13842 ever be curtailed as a result of a delivery call, the irrigated place of use for water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-13659, 34-13661, 34-13840, 34-13842 (all describing a place of use of 1985 acres) and water right no. 34-7179 (2124 acres) shall be reduced by the number of irrigated acres authorized to be irrigated by the individual water right that is curtailed.
4. Rights 34-2330B, 34-07077, 34-07080B, 34-07092, 34-07121A, 34-07121B, 34-12376, 34-13840, 34-13842, and that portion of ground water right no. 34-07179 not associated with water right no. 34-618, when combined, shall not exceed a total diversion rate of 37.03 cfs, and shall not exceed a total annual maximum diversion volume of 6,947.5 af at the field headgate.
5. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
6. Diversion of water from the additional well(s) authorized under Transfer 74921 located in NWNWNE LT2, Sec. 4, T04N, R26E shall not exceed a maximum diversion rate of 5.00 cfs.
7. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 34.
8. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
9. The right holder shall make full beneficial use of all surface water rights available to the right holder for irrigation of the lands authorized to be irrigated under this right. The right holder shall limit the diversion of ground water under this right to those times when the surface water supply is not available or the surface water supply is not reasonably sufficient to irrigate the place of use authorized under this right.
10. If the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use, this right to divert groundwater shall not be used without an approved transfer pursuant to Section 42-222, Idaho Code, or approval of the Department if a transfer is not required.
11. Water delivered through the Moore Diversion and Timberdome Canal.
12. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.

WATER RIGHT NO. 34-2330B
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

13. Construction of new wells at the location of existing points of diversion is not authorized unless the water right holder obtains approval through an application for transfer, and the Department determines, by considering the transfer, whether the construction of and pumping from new wells will injure other water rights.
14. Prior to the diversion and use of water under Transfer approval 74921, the right holder shall install and maintain acceptable measuring device(s), including data logger(s), at the authorized point(s) of diversion and in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
15. Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.
16. Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
17. The right holder shall accomplish the change authorized by this transfer within one (1) year of the date of this approval.

This water right is subject to all prior water rights and shall be administered in accordance with Idaho law and applicable rules of the Department of Water Resources.

Dated this 14 day of January, 2009



Chief, Water Allocation Bureau

WATER RIGHT NO. 34-7080B
As Modified by Transfer No. 74921

In accordance with the approval of Transfer No. 74921, Water Right No. 34-7080B is now described as follows.

Right Holder: TELFORD LANDS LLC
 C/O MIKE TELFORD
 1450 W HWY 24
 PAUL ID 83347

Priority Date: September 23, 1974

Source: GROUND WATER

<u>BENEFICIAL USE</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/01	to 11/01	5.33 CFS	1,001.0 AF

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	L2 (NENWNE)	Sec. 4	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L2 (NWNWNE)	Sec. 4	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L3 (NENENW)	Sec. 5	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	SWNWNW	Sec. 21	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 29	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SESWNE	Sec. 32	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 32	Twp 05N	Rge 26E	BUTTE County

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	25E	12	39.0	40.0	40.0	39.0	40.0	40.0	40.0	31.0	32.0	31.0	32.0	39.0	40.0	36.0	36.0	595.0	
03N	26E	17	11.0	25.0			37.0	39.0	13.0	5.0								130.0	
03N	26E	18	35.0	39.0	36.0	25.0	38.0	26.0	37.0	40.0	17.0	10.0			2.0			305.0	
04N	25E	35	40.0	40.0	40.0	40.0		L 1	L 2			L 3						320.0	
04N	25E	36	38.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.0	40.0	40.0	39.0	635.0	

Total Acres: 1985

WATER RIGHT NO. 34-7080B
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

1. Should all or any portion of water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-7179, 34-13659, 34-13661, 34-13840, and 34-13842 ever be curtailed as a result of a delivery call, the irrigated place of use for water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-13659, 34-13661, 34-13840, 34-13842 (all describing a place of use of 1985 acres) and water right no. 34-7179 (2124 acres) shall be reduced by the number of irrigated acres authorized to be irrigated by the individual water right that is curtailed.
2. This right is limited to the irrigation of 286 acres within the place of use described above in a single irrigation season.
3. Rights 34-2330B, 34-07077, 34-07080B, 34-07092, 34-07121A, 34-07121B, 34-12376, 34-13840, 34-13842, and that portion of ground water right no. 34-07179 not associated with water right no. 34-618, when combined, shall not exceed a total diversion rate of 37.03 cfs, and shall not exceed a total annual maximum diversion volume of 6,947.5 af at the field headgate.
4. Rights 34-618, 34-02330B, 34-07080B, 34-07121A, 34-07121B, 34-07092, 34-07077, 34-7179, 34-12376, 34-13659, 34-13661, 34-13840 and 34-13842 when combined shall not exceed the irrigation of 2124 acres.
5. Diversion of water from the additional well(s) authorized under Transfer 74921 located in NWNWNE LT2, Sec. 4, T04N, R26E shall not exceed a maximum diversion rate of 5.00 cfs.
6. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 34.
7. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
8. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
9. The right holder shall make full beneficial use of all surface water rights available to the right holder for irrigation of the lands authorized to be irrigated under this right. The right holder shall limit the diversion of ground water under this right to those times when the surface water supply is not available or the surface water supply is not reasonably sufficient to irrigate the place of use authorized under this right.
10. Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.
11. If the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use, this right to divert groundwater shall not be used without an approved transfer pursuant to Section 42-222, Idaho Code, or approval of the Department if a transfer is not required.

WATER RIGHT NO. 34-7080B
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

12. Water delivered through the Moore Diversion and Timberdome Canal.
13. Construction of new wells at the location of existing points of diversion is not authorized unless the water right holder obtains approval through an application for transfer, and the Department determines, by considering the transfer, whether the construction of and pumping from new wells will injure other water rights.
14. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
15. Prior to the diversion and use of water under Transfer approval 74921, the right holder shall install and maintain acceptable measuring device(s), including data logger(s), at the authorized point(s) of diversion and in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
16. The right holder shall accomplish the change authorized by this transfer within one (1) year of the date of this approval.
17. Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.

This water right is subject to all prior water rights and shall be administered in accordance with Idaho law and applicable rules of the Department of Water Resources.

Dated this 14 day of January, 2009

Ernest Carlson
Chief, Water Allocation Bureau

WATER RIGHT NO. 34-7121B
As Modified by Transfer No. 74921

In accordance with the approval of Transfer No. 74921, Water Right No. 34-7121B is now described as follows.

Right Holder: TELFORD LANDS LLC
 C/O MIKE TELFORD
 1450 W HWY 24
 PAUL ID 83347

Priority Date: January 09, 1976

Source: GROUND WATER

<u>BENEFICIAL USE</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/01	to 11/01	3.74 CFS	1,106.0 AF

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	L2 (NENWNE)	Sec. 4	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L2 (NWNWNE)	Sec. 4	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L3 (NENENW)	Sec. 5	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	SWNWNW	Sec. 21	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 29	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SESWNE	Sec. 32	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 32	Twp 05N	Rge 26E	BUTTE County

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	25E	12	39.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	31.0	32.0	31.0	32.0	39.0	40.0	36.0	36.0	595.0
03N	26E	17	11.0	25.0			37.0	39.0	13.0	5.0									130.0
03N	26E	18	35.0	39.0	38.0	25.0	38.0	26.0	37.0	40.0	17.0	10.0				2.0			305.0
								L 1	L 2			L 3							
04N	25E	35	40.0	40.0	40.0	40.0									40.0	40.0	40.0	40.0	320.0
04N	25E	36	38.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.0	40.0	40.0	39.0	635.0

Total Acres: 1985

WATER RIGHT NO. 34-7121B
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

1. This right is limited to the irrigation of 316 acres within the place of use described above in a single irrigation season.
2. Rights 34-618, 34-02330B, 34-07080B, 34-07121A, 34-07121B, 34-07092, 34-07077, 34-7179, 34-12376, 34-13659, 34-13661, 34-13840 and 34-13842 when combined shall not exceed the irrigation of 2124 acres.
3. Rights 34-2330B, 34-07077, 34-07080B, 34-07092, 34-07121A, 34-07121B, 34-12376, 34-13840, 34-13842, and that portion of ground water right no. 34-07179 not associated with water right no. 34-618, when combined, shall not exceed a total diversion rate of 37.03 cfs, and shall not exceed a total annual maximum diversion volume of 6,947.5 af at the field headgate.
4. Should all or any portion of water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-7179, 34-13659, 34-13661, 34-13840, and 34-13842 ever be curtailed as a result of a delivery call, the irrigated place of use for water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-13659, 34-13661, 34-13840, 34-13842 (all describing a place of use of 1985 acres) and water right no. 34-7179 (2124 acres) shall be reduced by the number of irrigated acres authorized to be irrigated by the individual water right that is curtailed.
5. Diversion of water from the additional well(s) authorized under Transfer 74921 located in NWNWNE LT2, Sec. 4, T04N, R26E shall not exceed a maximum diversion rate of 5.00 cfs.
6. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
7. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 34.
8. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
9. Water delivered through the Moore Diversion and Timberdome Canal.
10. Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.
11. If the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use, this right to divert groundwater shall not be used without an approved transfer pursuant to Section 42-222, Idaho Code, or approval of the Department if a transfer is not required.

WATER RIGHT NO. 34-7121B
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

12. The right holder shall make full beneficial use of all surface water rights available to the right holder for irrigation of the lands authorized to be irrigated under this right. The right holder shall limit the diversion of ground water under this right to those times when the surface water supply is not available or the surface water supply is not reasonably sufficient to irrigate the place of use authorized under this right.
13. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
14. Construction of new wells at the location of existing points of diversion is not authorized unless the water right holder obtains approval through an application for transfer, and the Department determines, by considering the transfer, whether the construction of and pumping from new wells will injure other water rights.
15. Prior to the diversion and use of water under Transfer approval 74921, the right holder shall install and maintain acceptable measuring device(s), including data logger(s), at the authorized point(s) of diversion and in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
16. Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
17. The right holder shall accomplish the change authorized by this transfer within one (1) year of the date of this approval.

This water right is subject to all prior water rights and shall be administered in accordance with Idaho law and applicable rules of the Department of Water Resources.

Dated this 14 day of January, 2009



Chief, Water Allocation Bureau

WATER RIGHT NO. 34-7121A
As Modified by Transfer No. 74921

In accordance with the approval of Transfer No. 74921, Water Right No. 34-7121A is now described as follows.

Right Holder: TELFORD LANDS LLC
 C/O MIKE TELFORD
 1450 W HWY 24
 PAUL ID 83347

Priority Date: January 09, 1976

Source: GROUND WATER

<u>BENEFICIAL USE</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/15 to	10/15	0.46 CFS	169.0 AF

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	L2 (NENWNE)	Sec. 4	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L2 (NWNWNE)	Sec. 4	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L3 (NENENW)	Sec. 5	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	SWNWNW	Sec. 21	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 29	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SESWNE	Sec. 32	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 32	Twp 05N	Rge 26E	BUTTE County

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	25E	12	39.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	31.0	32.0	31.0	32.0	39.0	40.0	36.0	36.0	595.0
03N	26E	17	11.0	25.0			37.0	39.0	13.0	5.0									130.0
03N	26E	18	35.0	39.0	36.0	25.0	38.0	26.0	37.0	40.0	17.0	10.0			2.0				305.0
04N	25E	35	40.0	40.0	40.0	40.0		L 1	L 2			L 3			40.0	40.0	40.0	40.0	320.0
04N	25E	36	38.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.0	40.0	40.0	39.0		635.0

Total Acres: 1985

WATER RIGHT NO. 34-7121A
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

1. Should all or any portion of water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-7179, 34-13659, 34-13661, 34-13840, and 34-13842 ever be curtailed as a result of a delivery call, the irrigated place of use for water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-13659, 34-13661, 34-13840, 34-13842 (all describing a place of use of 1985 acres) and water right no. 34-7179 (2124 acres) shall be reduced by the number of irrigated acres authorized to be irrigated by the individual water right that is curtailed.
2. This right is limited to the irrigation of 286 acres within the place of use described above in a single irrigation season.
3. Rights 34-2330B, 34-07077, 34-07080B, 34-07092, 34-07121A, 34-07121B, 34-12376, 34-13840, 34-13842, and that portion of ground water right no. 34-07179 not associated with water right no. 34-618, when combined, shall not exceed a total diversion rate of 37.03 cfs, and shall not exceed a total annual maximum diversion volume of 6,947.5 af at the field headgate.
4. Rights 34-618, 34-02330B, 34-07080B, 34-07121A, 34-07121B, 34-07092, 34-07077, 34-7179, 34-12376, 34-13659, 34-13661, 34-13840 and 34-13842 when combined shall not exceed the irrigation of 2124 acres.
5. Diversion of water from the additional well(s) authorized under Transfer 74921 located in NWNWNE LT2, Sec. 4, T04N, R26E shall not exceed a maximum diversion rate of 5.00 cfs.
6. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 34.
7. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
8. If the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use, this right to divert groundwater shall not be used without an approved transfer pursuant to Section 42-222, Idaho Code, or approval of the Department if a transfer is not required.
9. The right holder shall make full beneficial use of all surface water rights available to the right holder for irrigation of the lands authorized to be irrigated under this right. The right holder shall limit the diversion of ground water under this right to those times when the surface water supply is not available or the surface water supply is not reasonably sufficient to irrigate the place of use authorized under this right.
10. Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.
11. Water delivered through the Moore Diversion and Timberdome Canal.

WATER RIGHT NO. 34-7121A
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

12. The period of use for the irrigation described in this approval may be extended to a beginning date of 4/1 and an ending date of 10/31 provided that beneficial use of the water can be shown and other elements of the right are not exceeded. The use of water before 4/15 and after 10/15 is subordinate to all water rights having no subordinated early or late irrigation use and a priority date earlier than 7/15/2002.
13. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
14. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
15. Construction of new wells at the location of existing points of diversion is not authorized unless the water right holder obtains approval through an application for transfer, and the Department determines, by considering the transfer, whether the construction of and pumping from new wells will injure other water rights.
16. Prior to the diversion and use of water under Transfer approval 74921, the right holder shall install and maintain acceptable measuring device(s), including data logger(s), at the authorized point(s) of diversion and in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
17. Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
18. The right holder shall accomplish the change authorized by this transfer within one (1) year of the date of this approval.

This water right is subject to all prior water rights and shall be administered in accordance with Idaho law and applicable rules of the Department of Water Resources.

Dated this 14 day of January, 2009



Chief, Water Allocation Bureau

WATER RIGHT NO. 34-7092
As Modified by Transfer No. 74921

In accordance with the approval of Transfer No. 74921, Water Right No. 34-7092 is now described as follows.

Right Holder: TELFORD LANDS LLC
 C/O MIKE TELFORD
 1450 W HWY 24
 PAUL ID 83347

Priority Date: January 14, 1975

Source: GROUND WATER

<u>BENEFICIAL USE</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/15	to 10/15	12.00 CFS	2,222.5 AF

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	L2 (NENWNE)	Sec. 4 Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L2 (NWNWNE)	Sec. 4 Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L3 (NENENW)	Sec. 5 Twp 04N	Rge 26E	BUTTE County
GROUND WATER	SWNWNW	Sec. 21 Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 29 Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SESWNE	Sec. 32 Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 32 Twp 05N	Rge 26E	BUTTE County

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	25E	12	39.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	31.0	32.0	31.0	32.0	39.0	40.0	36.0	36.0	595.0
03N	26E	17	11.0	25.0			37.0	39.0	13.0	5.0									130.0
03N	26E	18	35.0	39.0	36.0	25.0	38.0	26.0	37.0	40.0	17.0	10.0				2.0			305.0
								L1	L2				L3						
04N	25E	35	40.0	40.0	40.0	40.0									40.0	40.0	40.0	40.0	320.0
04N	25E	36	38.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.0	40.0	40.0	39.0	635.0

Total Acres: 1985

WATER RIGHT NO. 34-7092
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

1. This right is limited to the irrigation of 635 acres within the place of use described above in a single irrigation season.
2. Rights 34-618, 34-02330B, 34-07080B, 34-07121A, 34-07121B, 34-07092, 34-07077, 34-7179, 34-12376, 34-13659, 34-13661, 34-13840 and 34-13842 when combined shall not exceed the irrigation of 2124 acres.
3. Rights 34-2330B, 34-07077, 34-07080B, 34-07092, 34-07121A, 34-07121B, 34-12376, 34-13840, 34-13842, and that portion of ground water right no. 34-07179 not associated with water right no. 34-618, when combined, shall not exceed a total diversion rate of 37.03 cfs, and shall not exceed a total annual maximum diversion volume of 6,947.5 af at the field headgate.
4. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
5. Diversion of water from the additional well(s) authorized under Transfer 74921 located in NWNWNE LT2, Sec. 4, T04N, R26E shall not exceed a maximum diversion rate of 5.00 cfs.
6. The period of use for the irrigation described in this approval may be extended to a beginning date of 4/1 and an ending date of 10/31 provided that beneficial use of the water can be shown and other elements of the right are not exceeded. The use of water before 4/15 and after 10/15 is subordinate to all water rights having no subordinated early or late irrigation use and a priority date earlier than 7/15/2002.
7. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 34.
8. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
9. The right holder shall make full beneficial use of all surface water rights available to the right holder for irrigation of the lands authorized to be irrigated under this right. The right holder shall limit the diversion of ground water under this right to those times when the surface water supply is not available or the surface water supply is not reasonably sufficient to irrigate the place of use authorized under this right.
10. Water delivered through the Moore Diversion and Timberdome Canal.
11. If the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use, this right to divert groundwater shall not be used without an approved transfer pursuant to Section 42-222, Idaho Code, or approval of the Department if a transfer is not required.
12. The well previously used under Right 34-7092, which will no longer be used, shall be abandoned in a manner which complies with Department well abandonment rules.

WATER RIGHT NO. 34-7092
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

13. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
14. Construction of new wells at the location of existing points of diversion is not authorized unless the water right holder obtains approval through an application for transfer, and the Department determines, by considering the transfer, whether the construction of and pumping from new wells will injure other water rights.
15. Prior to the diversion and use of water under Transfer approval 74921, the right holder shall install and maintain acceptable measuring device(s), including data logger(s), at the authorized point(s) of diversion and in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
16. The right holder shall accomplish the change authorized by this transfer within one (1) year of the date of this approval.
17. Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.
18. Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.

This water right is subject to all prior water rights and shall be administered in accordance with Idaho law and applicable rules of the Department of Water Resources.

Dated this 14 day of January, 2009



Chief, Water Allocation Bureau

WATER RIGHT NO. 34-7077
As Modified by Transfer No. 74921

In accordance with the approval of Transfer No. 74921, Water Right No. 34-7077 is now described as follows.

Right Holder: TELFORD LANDS LLC
 C/O MIKE TELFORD
 1450 W HWY 24
 PAUL ID 83347

Priority Date: September 05, 1974

Source: GROUND WATER

<u>BENEFICIAL USE</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/01	to 11/01	8.00 CFS	700.0 AF

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	L2 (NENWNE)	Sec. 4	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L2 (NWNWNE)	Sec. 4	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L3 (NENENW)	Sec. 5	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	SWNWNW	Sec. 21	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 29	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SESWNE	Sec. 32	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 32	Twp 05N	Rge 26E	BUTTE County

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	25E	12	39.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	31.0	32.0	31.0	32.0	39.0	40.0	36.0	36.0	595.0
03N	26E	17	11.0	25.0			37.0	39.0	13.0	5.0									130.0
03N	26E	18	35.0	39.0	36.0	25.0	38.0	26.0	37.0	40.0	17.0	10.0				2.0			305.0
								L 1	L 2			L 3							
04N	25E	35	40.0	40.0	40.0	40.0									40.0	40.0	40.0	40.0	320.0
04N	25E	36	38.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.0	40.0	40.0	39.0	635.0

Total Acres: 1985

WATER RIGHT NO. 34-7077
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

1. This right is limited to the irrigation of 200 acres within the place of use described above in a single irrigation season.
2. Rights 34-618, 34-02330B, 34-07080B, 34-07121A, 34-07121B, 34-07092, 34-07077, 34-7179, 34-12376, 34-13659, 34-13661, 34-13840 and 34-13842 when combined shall not exceed the irrigation of 2124 acres.
3. Rights 34-2330B, 34-07077, 34-07080B, 34-07092, 34-07121A, 34-07121B, 34-12376, 34-13840, 34-13842, and that portion of ground water right no. 34-07179 not associated with water right no. 34-618, when combined, shall not exceed a total diversion rate of 37.03 cfs, and shall not exceed a total annual maximum diversion volume of 6,947.5 af at the field headgate.
4. Should all or any portion of water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-7179, 34-13659, 34-13661, 34-13840, and 34-13842 ever be curtailed as a result of a delivery call, the irrigated place of use for water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-13659, 34-13661, 34-13840, 34-13842 (all describing a place of use of 1985 acres) and water right no. 34-7179 (2124 acres) shall be reduced by the number of irrigated acres authorized to be irrigated by the individual water right that is curtailed.
5. Diversion of water from the additional well(s) authorized under Transfer 74921 located in NWNWNE LT2, Sec. 4, T04N, R26E shall not exceed a maximum diversion rate of 5.00 cfs.
6. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 34.
7. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
8. The right holder shall make full beneficial use of all surface water rights available to the right holder for irrigation of the lands authorized to be irrigated under this right. The right holder shall limit the diversion of ground water under this right to those times when the surface water supply is not available or the surface water supply is not reasonably sufficient to irrigate the place of use authorized under this right.
9. If the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use, this right to divert groundwater shall not be used without an approved transfer pursuant to Section 42-222, Idaho Code, or approval of the Department if a transfer is not required.
10. Water delivered through the Moore Diversion and Timberdome Canal.
11. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
12. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.

WATER RIGHT NO. 34-7077
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

13. Construction of new wells at the location of existing points of diversion is not authorized unless the water right holder obtains approval through an application for transfer, and the Department determines, by considering the transfer, whether the construction of and pumping from new wells will injure other water rights.
14. Prior to the diversion and use of water under Transfer approval 74921, the right holder shall install and maintain acceptable measuring device(s), including data logger(s), at the authorized point(s) of diversion and in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
15. Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.
16. Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
17. The right holder shall accomplish the change authorized by this transfer within one (1) year of the date of this approval.

This water right is subject to all prior water rights and shall be administered in accordance with Idaho law and applicable rules of the Department of Water Resources.

Dated this 14 day of January, 20 09

Ernest Carlson
Chief, Water Allocation Bureau

WATER RIGHT NO. 34-12376
As Modified by Transfer No. 74921

In accordance with the approval of Transfer No. 74921, Water Right No. 34-12376 is now described as follows.

Right Holder: TELFORD LANDS LLC
 C/O MIKE TELFORD
 1450 W HWY 24
 PAUL ID 83347

Priority Date: June 01, 1977

Source: GROUND WATER

<u>BENEFICIAL USE</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/01	to 10/31	1.25 CFS	306.3 AF

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	L2 (NENWNE)	Sec. 4	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L2 (NWNWNE)	Sec. 4	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L3 (NENENW)	Sec. 5	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	SWNWNW	Sec. 21	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SEWSE	Sec. 29	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SESWNE	Sec. 32	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SEWSE	Sec. 32	Twp 05N	Rge 26E	BUTTE County

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	25E	12	39.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	31.0	32.0	31.0	32.0	39.0	40.0	36.0	36.0	595.0
03N	26E	17	11.0	25.0			37.0	39.0	13.0	5.0									130.0
03N	26E	18	35.0	39.0	36.0	25.0	38.0	26.0	37.0	40.0	17.0	10.0			2.0				305.0
								L 1	L 2				L 3						
04N	25E	35	40.0	40.0	40.0	40.0									40.0	40.0	40.0	40.0	320.0
04N	25E	36	38.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.0	40.0	40.0	39.0	635.0

Total Acres: 1985

WATER RIGHT NO. 34-12376
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

1. This right is limited to the irrigation of 87.5 acres within the place of use described above in a single irrigation season.
2. Rights 34-2330B, 34-07077, 34-07080B, 34-07092, 34-07121A, 34-07121B, 34-12376, 34-13840, 34-13842, and that portion of ground water right no. 34-07179 not associated with water right no. 34-618, when combined, shall not exceed a total diversion rate of 37.03 cfs, and shall not exceed a total annual maximum diversion volume of 6,947.5 af at the field headgate.
3. Should all or any portion of water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-7179, 34-13659, 34-13661, 34-13840, and 34-13842 ever be curtailed as a result of a delivery call, the irrigated place of use for water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-13659, 34-13661, 34-13840, 34-13842 (all describing a place of use of 1985 acres) and water right no. 34-7179 (2124 acres) shall be reduced by the number of irrigated acres authorized to be irrigated by the individual water right that is curtailed.
4. Rights 34-618, 34-02330B, 34-07080B, 34-07121A, 34-07121B, 34-07092, 34-07077, 34-7179, 34-12376, 34-13659, 34-13661, 34-13840 and 34-13842 when combined shall not exceed the irrigation of 2124 acres.
5. Diversion of water from the additional well(s) authorized under Transfer 74921 located in NWNWNE LT2, Sec. 4, T04N, R26E shall not exceed a maximum diversion rate of 5.00 cfs.
6. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 34.
7. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
8. Water delivered through the Moore Diversion and Timberdome Canal.
9. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
10. The right holder shall make full beneficial use of all surface water rights available to the right holder for irrigation of the lands authorized to be irrigated under this right. The right holder shall limit the diversion of ground water under this right to those times when the surface water supply is not available or the surface water supply is not reasonably sufficient to irrigate the place of use authorized under this right.
11. If the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use, this right to divert groundwater shall not be used without an approved transfer pursuant to Section 42-222, Idaho Code, or approval of the Department if a transfer is not required.
12. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.

WATER RIGHT NO. 34-12376
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

13. Construction of new wells at the location of existing points of diversion is not authorized unless the water right holder obtains approval through an application for transfer, and the Department determines, by considering the transfer, whether the construction of and pumping from new wells will injure other water rights.
14. Prior to the diversion and use of water under Transfer approval 74921, the right holder shall install and maintain acceptable measuring device(s), including data logger(s), at the authorized point(s) of diversion and in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
15. The right holder shall accomplish the change authorized by this transfer within one (1) year of the date of this approval.
16. Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
17. Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.

This water right is subject to all prior water rights and shall be administered in accordance with Idaho law and applicable rules of the Department of Water Resources.

Dated this 14 day of January, 2009

Ernst Carlson
Chief, Water Allocation Bureau

WATER RIGHT NO. 34-13840
As Modified by Transfer No. 74921

In accordance with the approval of Transfer No. 74921, Water Right No. 34-13840 is now described as follows.

Right Holder: TELFORD LANDS LLC
 C/O MIKE TELFORD
 1450 W HWY 24
 PAUL ID 83347

Priority Date: April 06, 1982

Source: GROUND WATER

<u>BENEFICIAL USE</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/01 to	10/31	1.26 CFS	248.5 AF

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	L2 (NENWNE)	Sec. 4	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L2 (NWNWNE)	Sec. 4	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L3 (NENENW)	Sec. 5	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	SWNWNW	Sec. 21	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 29	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SESWNE	Sec. 32	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 32	Twp 05N	Rge 26E	BUTTE County

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	25E	12	39.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	31.0	32.0	31.0	32.0	39.0	40.0	36.0	36.0	595.0
03N	26E	17	11.0	25.0			37.0	39.0	13.0	5.0									130.0
03N	26E	18	35.0	39.0	36.0	25.0	36.0	26.0	37.0	40.0	17.0	10.0			2.0				305.0
04N	25E	35	40.0	40.0	40.0	40.0		L1	L2			L3			40.0	40.0	40.0	40.0	320.0
04N	25E	36	38.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.0	40.0	40.0	39.0	635.0

Total Acres: 1985

WATER RIGHT NO. 34-13840
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

1. This right is limited to the irrigation of 71 acres within the place of use described above in a single irrigation season.
2. Rights 34-2330B, 34-07077, 34-07080B, 34-07092, 34-07121A, 34-07121B, 34-12376, 34-13840, 34-13842, and that portion of ground water right no. 34-07179 not associated with water right no. 34-618, when combined, shall not exceed a total diversion rate of 37.03 cfs, and shall not exceed a total annual maximum diversion volume of 6,947.5 af at the field headgate.
3. Should all or any portion of water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-7179, 34-13659, 34-13661, 34-13840, and 34-13842 ever be curtailed as a result of a delivery call, the irrigated place of use for water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-13659, 34-13661, 34-13840, 34-13842 (all describing a place of use of 1985 acres) and water right no. 34-7179 (2124 acres) shall be reduced by the number of irrigated acres authorized to be irrigated by the individual water right that is curtailed.
4. Rights 34-618, 34-02330B, 34-07080B, 34-07121A, 34-07121B, 34-07092, 34-07077, 34-7179, 34-12376, 34-13659, 34-13661, 34-13840 and 34-13842 when combined shall not exceed the irrigation of 2124 acres.
5. Diversion of water from the additional well(s) authorized under Transfer 74921 located in NWNWNE LT2, Sec. 4, T04N, R26E shall not exceed a maximum diversion rate of 5.00 cfs.
6. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 34.
7. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
8. The right holder shall make full beneficial use of all surface water rights available to the right holder for irrigation of the lands authorized to be irrigated under this right. The right holder shall limit the diversion of ground water under this right to those times when the surface water supply is not available or the surface water supply is not reasonably sufficient to irrigate the place of use authorized under this right.
9. If the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use, this right to divert groundwater shall not be used without an approved transfer pursuant to Section 42-222, Idaho Code, or approval of the Department if a transfer is not required.
10. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
11. Water delivered through the Moore Diversion and Timberdome Canal.
12. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.

WATER RIGHT NO. 34-13840
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

13. Construction of new wells at the location of existing points of diversion is not authorized unless the water right holder obtains approval through an application for transfer, and the Department determines, by considering the transfer, whether the construction of and pumping from new wells will injure other water rights.
14. Prior to the diversion and use of water under Transfer approval 74921, the right holder shall install and maintain acceptable measuring device(s), including data logger(s), at the authorized point(s) of diversion and in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
15. The right holder shall accomplish the change authorized by this transfer within one (1) year of the date of this approval.
16. Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
17. Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.

This water right is subject to all prior water rights and shall be administered in accordance with Idaho law and applicable rules of the Department of Water Resources.

Dated this 14 day of January, 2009


Chief, Water Allocation Bureau

WATER RIGHT NO. 34-13842
As Modified by Transfer No. 74921

In accordance with the approval of Transfer No. 74921, Water Right No. 34-13842 is now described as follows.

Right Holder: TELFORD LANDS LLC
 C/O MIKE TELFORD
 1450 W HWY 24
 PAUL ID 83347

Priority Date: December 17, 1975

Source: GROUND WATER

<u>BENEFICIAL USE</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/01	to 11/01	0.46 CFS	196.2 AF

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	L2 (NENWNE)	Sec. 4	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L2 (NWNWNE)	Sec. 4	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	L3 (NENENW)	Sec. 5	Twp 04N	Rge 26E	BUTTE County
GROUND WATER	SWNWNW	Sec. 21	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 29	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SESWNE	Sec. 32	Twp 05N	Rge 26E	BUTTE County
GROUND WATER	SENWSE	Sec. 32	Twp 05N	Rge 26E	BUTTE County

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	25E	12	39.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	31.0	32.0	31.0	32.0	39.0	40.0	36.0	36.0	595.0
03N	26E	17	11.0	25.0			37.0	39.0	13.0	5.0									130.0
03N	26E	18	35.0	39.0	36.0	25.0	38.0	26.0	37.0	40.0	17.0	10.0				2.0			305.0
04N	25E	35	40.0	40.0	40.0	40.0		L 1	L 2			L 3			40.0	40.0	40.0	40.0	320.0
04N	25E	36	38.0	40.0	40.0	39.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.0	40.0	40.0	39.0	635.0

Total Acres: 1985

WATER RIGHT NO. 34-13842
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

1. This right is limited to the irrigation of 140 acres within the place of use described above in a single irrigation season.
2. Rights 34-618, 34-02330B, 34-07080B, 34-07121A, 34-07121B, 34-07092, 34-07077, 34-7179, 34-12376, 34-13659, 34-13661, 34-13840 and 34-13842 when combined shall not exceed the irrigation of 2124 acres.
3. Rights 34-2330B, 34-07077, 34-07080B, 34-07092, 34-07121A, 34-07121B, 34-12376, 34-13840, 34-13842, and that portion of ground water right no. 34-07179 not associated with water right no. 34-618, when combined, shall not exceed a total diversion rate of 37.03 cfs, and shall not exceed a total annual maximum diversion volume of 6,947.5 af at the field headgate.
4. Should all or any portion of water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-7179, 34-13659, 34-13661, 34-13840, and 34-13842 ever be curtailed as a result of a delivery call, the irrigated place of use for water right nos. 34-2330B, 34-7077, 34-7080B, 34-7092, 34-7121A, 34-7121B, 34-12376, 34-13659, 34-13661, 34-13840, 34-13842 (all describing a place of use of 1985 acres) and water right no. 34-7179 (2124 acres) shall be reduced by the number of irrigated acres authorized to be irrigated by the individual water right that is curtailed.
5. Diversion of water from the additional well(s) authorized under Transfer 74921 located in NWNWNE LT2, Sec. 4, T04N, R26E shall not exceed a maximum diversion rate of 5.00 cfs.
6. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
7. Water delivered through the Moore Diversion and Timberdome Canal.
8. If the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use, this right to divert groundwater shall not be used without an approved transfer pursuant to Section 42-222, Idaho Code, or approval of the Department if a transfer is not required.
9. The right holder shall make full beneficial use of all surface water rights available to the right holder for irrigation of the lands authorized to be irrigated under this right. The right holder shall limit the diversion of ground water under this right to those times when the surface water supply is not available or the surface water supply is not reasonably sufficient to irrigate the place of use authorized under this right.
10. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 34.
11. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.

WATER RIGHT NO. 34-13842
As Modified by Transfer No. 74921

CONDITIONS OF APPROVAL

12. Prior to the diversion and use of water under Transfer approval 74921, the right holder shall install and maintain acceptable measuring device(s), including data logger(s), at the authorized point(s) of diversion and in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
13. Construction of new wells at the location of existing points of diversion is not authorized unless the water right holder obtains approval through an application for transfer, and the Department determines, by considering the transfer, whether the construction of and pumping from new wells will injure other water rights.
14. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
15. Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
16. The right holder shall accomplish the change authorized by this transfer within one (1) year of the date of this approval.
17. Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.

This water right is subject to all prior water rights and shall be administered in accordance with Idaho law and applicable rules of the Department of Water Resources.

Dated this 14 day of January, 20 09



Chief, Water Allocation Bureau

TELFORD WELLS DIVERSION MEASUREMENTS SUMMARY (TIMBERDOME CANAL COMPANY RECORDS)

	2008		2009		2010		2011 Anticipated (Best Case Scenario)		Notes
	Inches	CFS	Inches	CFS	Inches	CFS	Inches	CFS	
Well (Upper)	294	5.88							
Well (Middle)	211	4.22	535	10.7	649	12.98	649	12.98	
Well (Lower)	241	4.82	298	5.96	306	6.12	306	6.12	
Burnett	424	8.48	424	8.48	466	9.32	466	9.32	424 is measured at the well, and is taken from a 2009 measurement
Well (Babcock)	117	2.34	135	2.7	0	0	150	3	For 2011, this assumes best case pumping.
River Well	149	2.98	149	2.98	149	2.98	149	2.98	River Well amount measured in 2007 (1338 gpm).
Proposed Replacement Well	0	0	0	0	0	0	250	5	For 2011, this assumes best case pumping.
TOTAL	1486	36.72	1561	40.82	1570	31.4	1670	38.4	
TOTAL WATER RIGHTS	1851.3	37.03	1851.3	37.03	1851.3	37.03			
AMOUNT SHORT	415.3	8.31	310.3	6.21	281.3	5.63			



CANEL TIMBERDOME		
YEAR 2009	DATE	
TIME OF DAY		
DITCHRIDER J JENSEN		
NAME	ACCOUNT #	
CROSSOVER	MAIN	
SOUTH 3' PARSHALL FLUME		
SOUTH 2.5' PARSHALL FLUME		
EAST 2.5' PARSHALL FLUME		

MONDAY			
27-Jul			
HEAD	MINER	MINER	MINER
GPM	INCHES	INCH	INCH
GAUGE	CREDIT	DELIV.	DELIV.
0.65	503		
1.47	1095		
0	0		
0.86	395		

TUESDAY			
28-Jul			
HEAD	MINER	MINER	MINER
GPM	INCHES	INCH	INCH
GAUGE	CREDIT	DELIV.	DELIV.
0.63	472		
0	0		
0	0		
0	0		

WEST LATERAL BROADCAST

P. U. RANCH	CREDIT	DELIV.				
WELL	#1			205		
CROSSOVER	%MAIN			129		
SOUTHWEST LATERAL	2'				230	
TOTAL				334	230	0
% OF CREDIT DELIV.					7%	####
% OF TOTAL CANEL CREDIT				9%		
MINOR INCH USAGE LONG - SHORT +				58	0	

0.62

246

	172					
	129					
		230				
	301	230	0			
		8%	####			
	8%					
	17	0				

MITCH SORENSEN	CREDIT	DELIV.				
NORTH WELL	# 44			162		
2900 NORTH	# 858			302		
STEVENSEN	# 596			221		
CROSSOVER	% MAIN			39		
WEST LATERAL		BC		0.89	395	
STEVENSEN FLUME		2 FOOT		0.68	220	
TOTAL				724	615	0
% OF CREDIT DELIV.					20%	####
% OF TOTAL CANEL CREDIT				20%		
MINOR INCH USAGE LONG - SHORT +				9	0	

0.44	147					
0.73	315					
0.6	234					
	39					
		395				
		260				
	735	655	0			
		22%	####			
	20%					
	-51	0				

MARK TELFORD	CREDIT	DELIV.				
WELL (UPPER)	# 512			535		
WELL (MIDDLE)	# 409					
WELL (LOWER)	# 280			298		
WELL (BURNETT)				300		
WELL (BABCOCK)						
CROSSOVER	% MAIN			135		
PUMPS		NORTH			600	
PUMPS 2 1/2' FLUME		MIDDLE			400	
PUMPS 2 1/2' FLUME		SOUTH		0.54	190	
TOTAL				1268	1190	0
% OF CREDIT DELIV.					39%	####
% OF TOTAL CANEL CREDIT				36%		
MINOR INCH USAGE LONG - SHORT +				-98	0	

0.89

424 at the well

0.74	535					
0.68	283					
	300					
	104					
		500				
		300				
		280				
	1222	1080	0			
		36%	####			
	33%					
	-75	0				

TOTAL CANEL CREDIT				3569		
TOTAL WATER DELIVERED				3075	0	
% DELIVERY RATE				86%	0%	



Timberdome Canal			Date			Moore Canal
			7/26/2010			shrink% 35
		Reading	Input Inches	Crossover	Decree Inches	Del. Rate
Crossover	5'PF			Input Inches		0.65
Todd			198.9	198.9	306	198.9
Telford			104	104	160	104
PU			0	0	0	0
Mitch			39	39	60	39
Telf/Babc Well			105.95	105.95	163	105.95
				TOTAL	689	447.85
Seth South	2'CW		126	Crossover		
Todd "	2'CW		189	Del. %	D47	3185
Mitch "	3'CW		306	1	H43	4071.85
Burp Todd	1/2 2'CW		80		Del. Rate	0.78219974
Seth	1/2 2'CW		80			1
Todd Orchard	2'CW		153		Daily Shrink	0.21780026
Mitch "	3'CW		250			
Seth "	8" orifice		136			
Telford "	3'CW		306			
Seth Green Gate	3'CW		380			
Mitch/Stevensen	3'CW		256			
Gary	2'CW		160			
Telford Upper	5'CW		649			
				Del. Rate	Reading	Inches
Upper UC Canal	3'PF	0.95			0	553
Telford	3'CW	0.95	351.087193	0.63487738	0	466
PU	3'CW	0.67	201.912807	0.36512262	0	268
Mitch	3'CW		0	0	0	0
		not +	553	1	TOTAL	734
TOTAL			4071.85			0.75340599
Individual Input						
Todd	Gary	Seth	PU	Mitch	Telford	TOTAL
620.9	160	722	201.912807	851	1516.037193	4071.85
485.6678168	125.152	564.748	157.936144	665.651976	1185.843894	3185
Del. for the day	Reading	Inches		Daily Adj.	Reading	Inches
Todd Pivots		440				
Telford Pivots		500				
West lat.	0.8	528				
Seth Pivots		340				
Seth Orange Gate	0.37	222			0.34	200
East lat.	0.96	469			0.91	431
Telford mid. Pump		400				
Telford south	0.79	346				
West lat. Shrink		20				
East lat. Shrink		40				
	TOTAL	3185				

total
flow of
this well

#280

12 + 409 combined

Burnett

at the
well

CANEL	TIMBERDOME		
YEAR 2008	DATE		
TIME OF DAY			
DITCHRIDER J JENSEN			
NAME	ACCOUNT #		
CROSSOVER	CREDIT	DELIV.	
SOUTH 3' PARSHALL FLUME			
SOUTH 2.5' PARSHALL FLUME			
EAST 2.5' PARSHALL FLUME			

MONDAY			
21-Jul			
HEAD	MINER	MINER	MINER
GPM	INCHES	INCH	INCH
GAUGE	CREDIT	DELIV.	DELIV.
0.95	922		
1.54	0		
0	0		
0	0		0.77

TUESDAY			
22-Jul			
HEAD	MINER	MINER	MINER
GPM	INCHES	INCH	INCH
GAUGE	CREDIT	DELIV.	DELIV.
0.95	922		
0	0		
0	0		
0.66	261		

P. U. RANCH	CREDIT	DELIV.				
WELL	#1			150		
CROSSOVER	%MAIN					
SOUTHWEST LATERIAL	2'				120	190
TOTAL				150	120	190
% OF CREDIT DELIV.					4%	7%
% OF TOTAL CANEL CREDIT				4%		
MINOR INCH USAGE LONG - SHORT +				-2	-71	

0.62

				150		
					163	163
				150	163	163
					6%	6%
				4%		
				-45	-46	

0.56

MITCH SORENSEN	CREDIT	DELIV.				
NORTH WELL	# 44			200		
	# 858			260		
STEVENSEN	# 596			187		
CROSSOVER	% MAIN			39		
WEST LATERIAL		BC		0.78	368	340
STEVENSEN FLUME		2 FOOT		0.66	210	132
TOTAL				686	578	472
% OF CREDIT DELIV.					20%	17%
% OF TOTAL CANEL CREDIT				19%		
MINOR INCH USAGE LONG - SHORT +				-37	70	

0.82

				200		
				260		
				187		
				39		
				0.82	365	340
				0.63	195	140
				686	560	480
					20%	18%
				20%		
				-21	55	

0.8

0.51

MARK TELFORD	CREDIT	DELIV.				
WELL (UPPER)	# 512			294		
WELL (MIDDLE)	# 409			211		
WELL (LOWER)	# 280			241		
WELL (BURNETT)				315		
WELL (BABCOCK)				117		
CROSSOVER	% MAIN			135		
PUMPS		NORTH			400	400
PUMPS 2 1/2' FLUME		MIDDLE			400	400
PUMPS 2 1/2' FLUME		SOUTH		0.5	170	241
TOTAL				1313	970	1041
% OF CREDIT DELIV.					34%	37%
% OF TOTAL CANEL CREDIT				37%		
MINOR INCH USAGE LONG - SHORT +				66	-3	

				294		
				211		
				241		
				315		
				117		
				135		
					400	400
					400	400
				0.5	170	230
				1313	970	1030
					35%	38%
				37%		
				61	-7	

0.61

TOTAL CANEL CREDIT				3587		
TOTAL WATER DELIVERED				2829	2835	
% DELIVERY RATE				79%	79%	

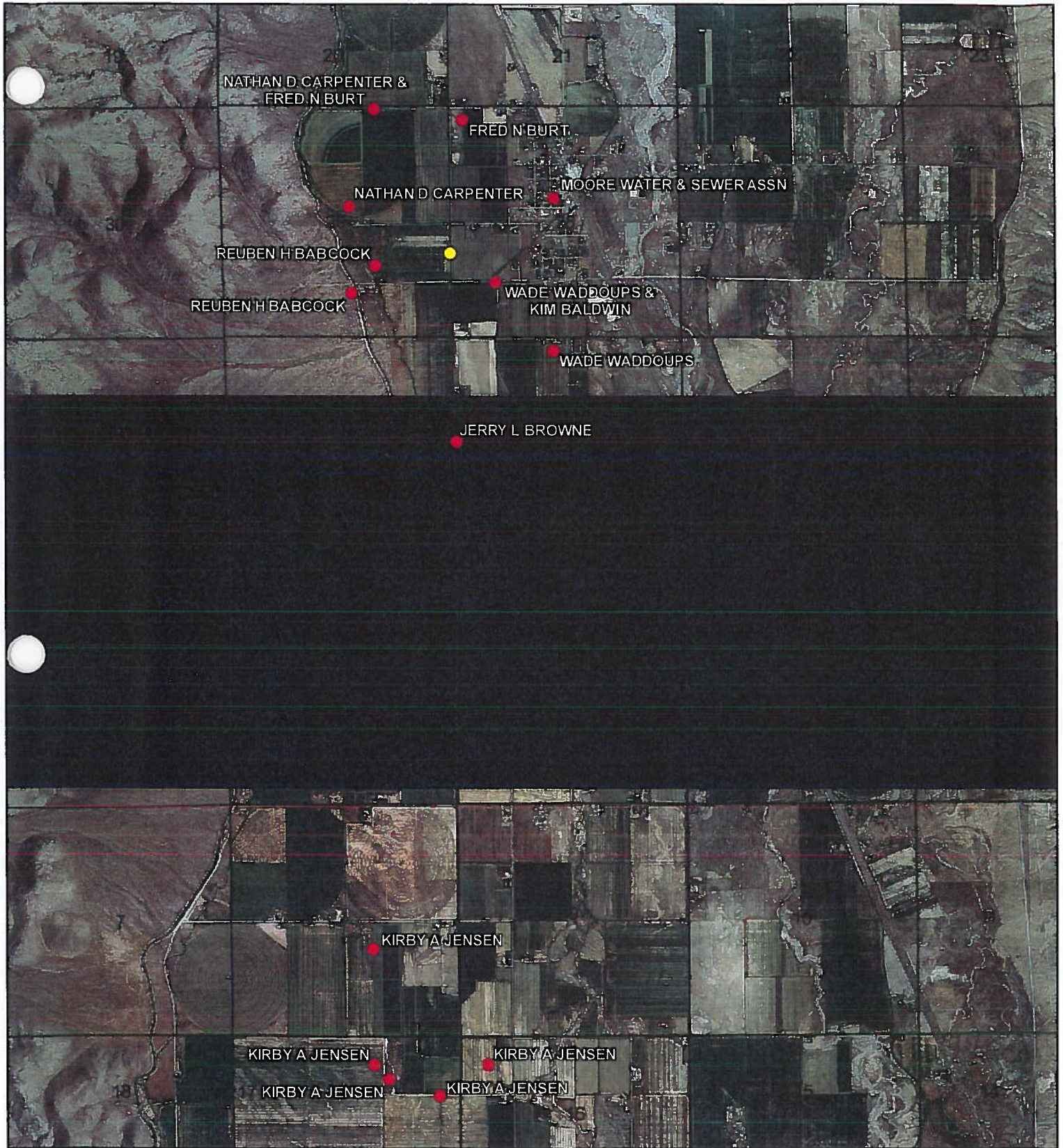
				3503		
					2750	2730
					79%	78%

Russell Babcock

YEAR	BABCOCK USAGE	TELFORD USAGE	TOTAL USAGE	BLRID USAGE
2001			696.71 cfs	
2002	194 cfs	351 cfs	545.38 cfs	
2003	168 cfs	169 cfs	336.71	74 cfs
2004	273 cfs	274 cfs	547.01 cfs	70 cfs
2005	49 cfs	49 cfs	98.31 cfs	147 cfs
2006	0	0	.08 cfs	487 cfs
2007	91 cfs	0	91.15 cfs	128 cfs
2008	9 cfs	8 cfs	17.45 cfs	201.5 cfs
2009	10 cfs	11 cfs	21 cfs	210.92 cfs
2010	181 cfs	0 cfs	181 cfs	220.84 cfs



Protestors of Telford Lands LLC POD Transfer



Map showing wells owned by protestors according to the Idaho Department of Water Resources water right database.

-  Protestors
-  Proposed Well
-  PLSS Sections



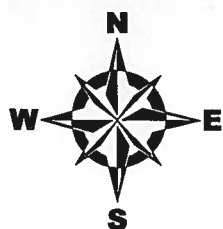
2006 NAIP Aerial Imagery.
Created by Jaxon Higgs WWC Inc.



IDEAL LOCATION FOR NEW WELL NIKO TONGUE



- Measured Irrigation Wells
- Proposed New Well
- Domestic Well
- ↔ Distances



0 0.1 0.2 0.3 0.4 0.5 Miles

Idealized location based on drawdown effects on irrigation wells currently in use. Proposed well is equidistant from 3400W line towards 3400W shows range of locations based on ease of access.

EXHIBIT
Applicant
10.
5-26-61

Hydrogeologic Assessment
of the
Telford Lands LLC
Transfer #76286

Prepared
By
Brian Higgs, P.G.
Water Well Consultants, Inc.



Hydrogeologic Assessment of the Telford Lands LLC Transfer #76286

BACKGROUND

In February 2010, Telford Lands, LLC ("Telford"), filed an Application for Transfer of Water Rights (the "Transfer") to the Idaho Department of Water Resources (IDWR). Telford is not currently able to divert all of his 37.03 cfs of ground water rights, and needs an additional well or wells to ensure he is receiving his full water right entitlement. Telford previously filed a transfer application, which was not protested, to add a point of diversion at T04N, R26E, Sec.4, NWNWNE (Lot 2). That transfer, numbered Transfer No. 74921, was approved on January 14, 2009. Telford visited with a neighboring property owner, and received verbal authorization to install the pipeline. Once the well was drilled to approximately 75 feet, the neighboring property owner refused to execute the promised easement. Telford has therefore been refused passage through neighboring property to install the pipeline to convey water from this new well location. Because of this issue, plans to develop the well have now been abandoned because Telford has no access from the approved well.

Additionally, even after the approval of Transfer No. 74291, Telford was in a dispute with a shared well owner (Harold Babcock) and was receiving very little water from that well located in 5N, R26E, Sec. 29, SENWSE. In 2010, Telford received no water from this well. The well was in a state of significant disrepair, and was not pumping enough water to deliver the full water rights to both parties. Telford has recently likely resolved the dispute with Babcock, with upgrades to the well being made at this time, but it is still uncertain at this point how much water this well will produce.

In order to ensure Telford has adequate well capacity to divert his water rights, this Transfer is necessary to replace the point of diversion approved on the previous transfer (Transfer No. 74921) with the point of diversion proposed for this Transfer located at 5N, R26E, Sec. 29, SENWSE. Before filing this Transfer, Telford secured an easement for the location of the well and the pipeline that will run from the well. This was done after the experience with the prior transfer where the right-of-way was authorized, but later revoked. Therefore, if this Transfer is approved, the authorized point of diversion located at T04N, R26E, Sec.4, NWNWNE (Lot 2) will be **replaced** with the proposed point of diversion sought under this Transfer (5N, R26E, Sec. 29, SENWSE). The authorized point of diversion located at T04N, R26E, Sec.4, NWNWNE (Lot 2) will no longer be listed as an authorized point of diversion on Telford's water rights.

Additionally, the location of the proposed point of diversion sought under this Transfer was carefully considered by Telford. Telford went through the effort to locate the well in an ideal location equidistant from other wells, but this location was on the Harold Babcock property, who

would not agree to the new location. Therefore, the location chosen is as ideal as legally possible where Telford has an easement.

This Transfer was protested by several well owners and concerned citizens in the vicinity of the proposed location. The reasons stated by the protestors were generally concerned with the effects of added drawdown on irrigation and domestic wells in the vicinity that could be caused by pumping at the proposed well location.

Water Well Consultants, Inc. (WWC) was hired in June 2010 to determine the possible impacts to surrounding well owners. A cursory review of published data was completed in the fall of 2010, prior to a pre-hearing conference held in October of 2010. At that time, the determination was that due to the volume of water pumped from the aquifer in the area and the published aquifer parameters, there was likely no determinable amount of injury would result to the concerned well owners (see letter to Mike Telford, September 8, 2010).

At the pre-hearing conference on the Transfer, presided over by IDWR, no resolution was reached, and this more detailed report is necessary for the hearing scheduled in this matter.

PUBLISHED REPORTS

Several reports on the water resources of the BLR Valley have been published. The United States Geological Survey (USGS) is the most prominent source of these publications. Many reports directed toward the BLR Valley have also been published by the Idaho National Laboratory (INL) but are limited to the effect of the BLR on the INL. A limited number of reports describe measured aquifer parameters. Most authors used estimated parameters or parameters calculated from well discharge with little to no water level data.

One report, Water Supply Paper 1654 (Mundorf, et al. 1964), described a project which included drilling a production well and an observation well. The sole purpose of the drilling activity was to perform a pumping test to collect the desperately needed measured aquifer parameters. The well was drilled 4 miles west of Arco and was completed in basalt at approximately 250 ft below land surface (bls). The pumping test concluded that the transmissivity (T) was $7.3 \times 10^5 \text{ ft}^2/\text{day}$ and the storativity was calculated at .024. The well yield was low, 25 gallons per minute (gpm) per foot of drawdown. The low yield was attributed to partial aquifer penetration and well entrance loss. The report states that some measured well yields are more than 350 gpm/ft, pumping 2,700 gpm, with 9 ft of drawdown.

Ahmed Said et. al. reviewed aquifer data from the area and determined a T value to range between 60,000 ft^2/day to 400,000 ft^2/day with storativity coefficients ranging between 0.0001 and 0.02.

USGS Open File Report 70-93 (Crossthwaite et al. 1964) describes well yields between 3,000 to 5,000 gpm with drawdown ranging between 10 and 20 ft.

Both USGS reports describe annual water level fluctuations as being at their lowest (deepest from land surface in the well bore) in the late winter and early spring (March-April) and highest (highest from land surface in the well bore) in the late summer (September-October). This fluctuation is due to the infiltration of water from irrigation canals and from the BLR. This fact is sometimes anomalous to irrigators, but is typical of areas with high connectivity between surface water and ground water. Pumping ground water from a well usually drops the level of the water in the well over the pumping season. However, generally speaking, in the BLR Valley if you turn the well on in May the water level will rise throughout the summer months during pumping; exactly opposite of what is expected (see section Water Level Hydrographs).

GEOLOGY

For this report it is not necessary to describe the areal geology. It suffices to describe the lithology only in the area of concern.

Several hundred wells have been drilled throughout the BLR Basin. The IDWR has catalogued the driller's reports from many of these wells. The reports can be viewed and printed from the IDWR website at www.idwr.idaho.gov.

The driller's logs describe the lithology of the area of concern as typical for fluvial deposition. The top soil is underlain with interfingering layers of clay, silts, sands, gravels of varying size to cobbles, and mixtures of all sediments. The typical depth of a production well in the area varies from 200 to 250 ft bls. A good description of the subsurface in the area of concern is found as figure 1.

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Reclamation

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well,

1. WELL OWNER <u>17040218</u> Name <u>City of Moore</u> Address <u>Moore, Idaho</u> Owner's Permit No. <u> </u>	7. WATER LEVEL <u>14.8"</u> Department of Reclamation Static water level <u>18</u> feet below land surface Flowing? ☐ Yes ☒ No G.P.M. flow <u> </u> Temperature <u>48</u> ° F. Quality <u> </u> Artesian closed-in pressure <u> </u> p.s.i. Controlled by ☐ Valve ☐ Cap ☐ Plug																																																																																								
2. NATURE OF WORK Well # <u>1</u> ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) <u> </u>	8. WELL TEST DATA ☒ Pump ☐ Bailor ☐ Other <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Draw Down</th> <th>Hours Pumped</th> </tr> <tr> <td><u>44.5</u></td> <td><u>21.10"</u></td> <td><u>6</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Discharge G.P.M.	Draw Down	Hours Pumped	<u>44.5</u>	<u>21.10"</u>	<u>6</u>																																																																																		
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3. PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Test ☒ Municipal ☐ Industrial ☐ Stock	9. LITHOLOGIC LOG <u>30193</u> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Hole Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>0</td> <td>5</td> <td>Soil & Gravel</td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td>5</td> <td>15</td> <td>Large Gravel & Clay</td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td>15</td> <td>30</td> <td>Gravel Sand Clay</td> <td>X</td> <td> </td> </tr> <tr> <td> </td> <td>30</td> <td>40</td> <td>Fine Gravel Sand</td> <td>X</td> <td> </td> </tr> <tr> <td> </td> <td>40</td> <td>45</td> <td>Fine Gravel Some Clay</td> <td>X</td> <td> </td> </tr> <tr> <td> </td> <td>45</td> <td>52</td> <td>Larger Gravel</td> <td>Y</td> <td> </td> </tr> <tr> <td> </td> <td>52</td> <td>55</td> <td>Clay Sand</td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td>55</td> <td>65</td> <td>Clay Sand (some gravel)</td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td>65</td> <td>75</td> <td>Gravel Some Clay</td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td>75</td> <td>105</td> <td>Gravel Silt</td> <td>X</td> <td> </td> </tr> <tr> <td> </td> <td>105</td> <td>160</td> <td>Gravel Silt Sand</td> <td>X</td> <td> </td> </tr> <tr> <td> </td> <td>160</td> <td>165</td> <td>Clean Gravel & Sand</td> <td>X</td> <td> </td> </tr> <tr> <td>12</td> <td>165</td> <td>174</td> <td>Gravel Silt Sand</td> <td>X</td> <td> </td> </tr> </tbody> </table>	Hole Diam.	Depth		Material	Water		From	To	Yes	No	12	0	5	Soil & Gravel				5	15	Large Gravel & Clay				15	30	Gravel Sand Clay	X			30	40	Fine Gravel Sand	X			40	45	Fine Gravel Some Clay	X			45	52	Larger Gravel	Y			52	55	Clay Sand				55	65	Clay Sand (some gravel)				65	75	Gravel Some Clay				75	105	Gravel Silt	X			105	160	Gravel Silt Sand	X			160	165	Clean Gravel & Sand	X		12	165	174	Gravel Silt Sand	X	
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USE ADDITIONAL SHEETS IF NECESSARY

Figure 1. Driller's log describing the subsurface.

HYDROGEOLOGY

The following subsections describe the hydrogeology of the area.

Water Level Hydrographs

The BLR Valley has been thoroughly studied twice in the past ½ century. The first study was completed between 1966 and 1968. The second period of study was following the earthquake near Borah Peak in the mid 1980's. For both of these studies many depth-to-water measurements were taken. Some wells were fitted with continuous recorders. All the measurements were recorded by the USGS and can be found on their website.

Hydrographs throughout most of the BLR Valley illustrate the fact that the ground water is highly connected with the surface water. Flows in the BLR increase during the spring, maintain high flows through the irrigation season and then diminish to very low or no flow in the fall. Ground water levels reflect this pattern. Ground water levels increase during the spring and reach peaks after the surface water system has had the maximum time to infiltrate. The lowest elevation of the static water level is in the late winter or early spring. Figure 2 illustrates a typical rise during the summer months. Note that the static water level in the well is deepest (around 60 ft bls) in March and highest in September (around 52 ft bls).

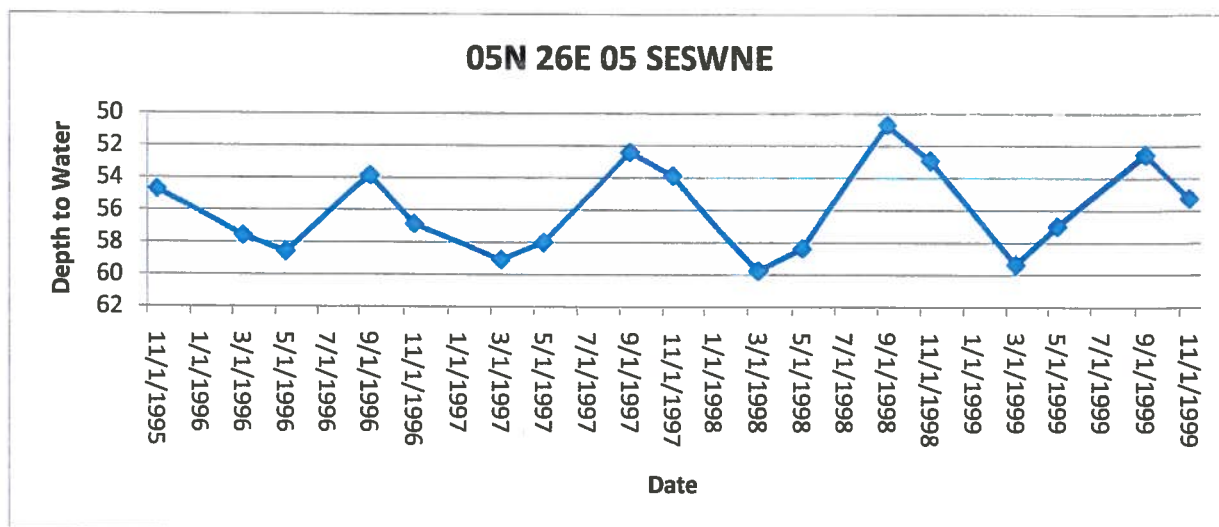


Figure 2. Typical hydrograph recording the peak elevation in the fall.

Ground water levels are also influenced by the climate (water cycle or precipitation cycle). Water levels in the area of concern, approximately 9 square miles surrounding the proposed POD, reflect periods of high precipitation and low precipitation. This fact is evidenced in figure 3, which is a hydrograph of a well located slightly more than 3 miles east northeast (5N 26E 23 NENWSW) of the proposed transfer.

The precipitation cycle is easily recognized in the drought of the early 1960's again in 1977, 1992 and the most recent drought of the early 2000's. This hydrograph (Figure 3) was included to show the interaction of the aquifer with the river through time. Note that the droughts prior to 1980 did not draw the aquifer down as far the droughts since 1980. The drought of the late 1970's was severe, but did not cause a drop in the aquifer as extreme as the early 1990's and the early 2000's. The reason for this is the increase of ground water rights and pumping post 1970's.

During moderate to high water years this well shows a reaction to annual fluctuations by low water levels in the early spring and high levels in the late fall. However, notice that at the beginning of the droughts the effect of pumping is completely overshadowed by the absence of surface water influx. The minor stair steps on the decline and rise result from the small volumes of water released from Mackay Dam during the irrigation season.

Well 05N 26E 23 NENWSW rose 3.5 ft from April 2010 to late August 2010. The water level in this well was the same at the end of the irrigation season as it was in April 2010.

Four wells in the area of concern were measured 3 times during the 2010 irrigation season. The wells and measurements are recorded in Table 1.

Well Water Levels

		<u>6/28/2010</u>	<u>8/9/2010</u>	<u>9/13/2010</u>
Burnett	5N 26E 21 SWNWNW	77.75	69.30	78.63
Babcock	5N 26E 29 SENWSE	75.00	76.61	76.69
River Place	4N 26E 4 NENWNE	48.24*	54.58*	51.98
Old Moss	5N 26E 21 NWNWNW		81.40	80.50

Table 1. Water levels in the area of concern measured during the 2010 irrigation season. The asterisk indicates a measurement while the pump was operating.

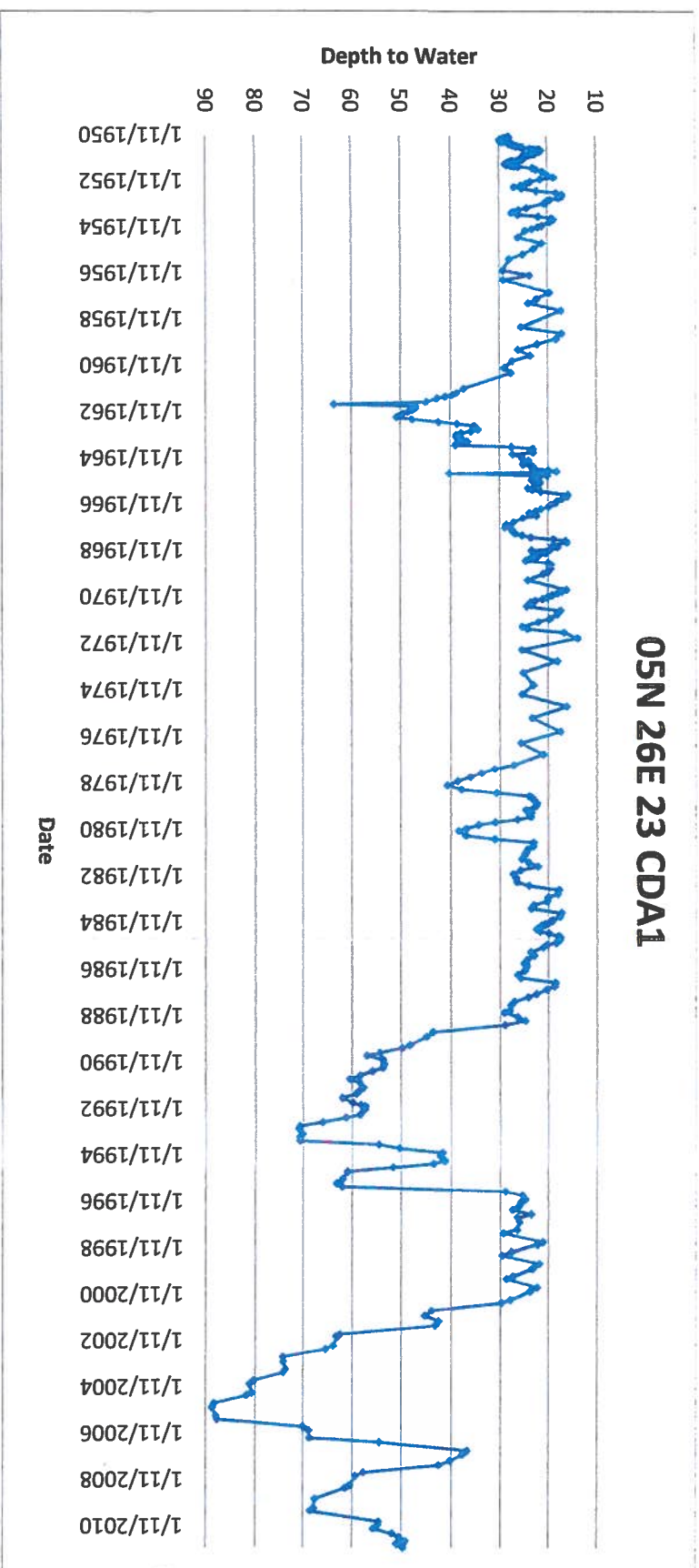


Figure 3. Hydrograph of well 05N 26E 23 SESWNE.

There are some critical points to make concerning these measurements.

1. The measurement of the Burnett well on August 9th may be questionable. The field notes indicate there were large volumes of water cascading down the well bore. Cascading water makes an accurate measurement difficult because the cascading water encompasses the probe causing it to act as if it were submerged in water. Assuming the August 9th measurement to be questionable, the water level in this well dropped approximately 1 ft between June and the end of irrigation season. July is the month of greatest draw from wells in the area. This well pumped 662 AF during 2010. Therefore, a drop of 1 foot is very minimal especially when considering the Old Moss well located 1,500 ft east northeast from the Burnett well. The water level in the Old Moss well rose 1 foot during the same interval.
2. The Babcock well pumped 359 AF during 2010. The water level dropped approximately 1.5 ft from June to October.
3. The River Place well dropped 3.5 ft during the irrigation season. It pumped 466 AF.
4. Despite all the surrounding pumping, including production of 129 AF, the water level in the Old Moss well rose 1 ft.

Discussion. This section on water levels was included to discuss the possibility of determining impacts between wells in the area of concern when many wells are pumping large volumes of water. Effect of one well on another is evidenced by the drop of the static water level. Since the water levels in most wells in the BLR Valley rise throughout the summer determining effects is near impossible (see hydrographs at the IDWR or USGS websites).

An additional difficult task is planning and implementing a study to determine impact. Since the water levels rise, remain constant, or drop slightly throughout the irrigation season, and are greatly influenced by the precipitation cycle, the study must include pumping tests several times during the irrigation season and from many wells. As the water level in a well rises the well yield increases. As well yield increases the chance to detect impact diminishes. Each of these events would have to be measured. Even after perfect implementation, if the water level in the senior water right well rises or remains constant, the effect could not be quantified or detected.

A pumping test conducted prior to the irrigation season could determine the aquifer parameters for that specific time. However, the results would be completely different because the dynamics of the aquifer change according to the influence of surface water and pumping nearby wells.

The hydrograph of well 05N 26E 23 NENWSW illustrates the fact that the water cycle is currently increasing. The hydrograph is trending upward and will continue through 2011 tracing past upward recoveries especially with the high precipitation during the 2010-2011 winter. Water in the BLR was turned into the canals early clearing space for the upcoming runoff and should remain high

throughout the year. This high water will mask any pumping during the irrigation season.

Pumping

Figure 4 is a map illustrating the location and discharge of irrigation wells located in the area of concern. These wells were measured under the direction of the IDWR within the past several years. Within a 3-mile radius of the proposed location there are 8 wells that pump more than 2,000 gpm, 2 of the 8 pump more than 2,500 gpm and 1 of the 8 pumps more than 3,000 gpm. There are 7 wells that pump more than 1,000 gpm and 10 wells that pump near 1,000 gpm.



Figure 4. Map showing well locations and measured discharge.

Total annual pumped volumes were also calculated for these wells. Table 2 records these data. Note that during the 2007 and 2008 irrigation seasons there was more than 15,000 acre feet (AF) pumped from the aquifer. If the subsurface has 18.6% porosity as determined by Johnson (1967) and a productive zone of 50 ft (water bearing zones of Figure 1) the minimum volume of available ground water is more than 50,000 AF. The volume is much greater than 50,000 AF when calculating the inflow and outflow of the system throughout the irrigation season.

The well at the proposed location is expected to produce 2,244 gpm (250 inches), a maximum of 800 AF per year, considering crop rotation, or barely 1.5% of the total volume available.

AF Pumped in Nearby Wells												
Name	POD	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000
V. Jensen	SN 26E 22 NWNENE	189	94	308	286	0	135	614	380	886	799	
Beverland/King	SN 26E 22 NWNENW	0	3	309	90	0	62	121	125	271		
Mullenix	SN 26E 22 NWNESW	147	119	229	219	142	131	193	199	298	318	
Hawkins/Jones/Jensen	SN 26E 22 SWNWNW	0	12	312	219	0	53	553	280	631		
King	SN 26E 22 SWNWSE	280	253	287	280	237	254	237	255	177	324	
Lewis	SN 26E 27 NWNWNE	-	85	384	0	0	0	0	0			
Potter	SN 26E 27 NWSWSW	0	0	0	0	0	0	468	621	579		
J. Jensen	SN 26E 27 SWSWSW	-	366	1,678	2,424	758	832	1,943	1,419	1,417	971	
Waddoups	SN 26E 28 NESWSW	263	267	718	997	0	95	605	622	1,157	1,428	
Loftus	SN 26E 28 NWNWNW	184	507	529	605	0	171	403	237	324	357	
Babcock	SN 26E 29 SENWSE	359	41	35	180	0	195	1,085	668	1,082	1,382	1,155
Natural Guardian	SN 26E 32 SESESE	961	1,269	2,584	692	357	213	966	1,879	1,561	1,904	1,447
D. Smith	SN 26E 33 NWSWNE	137	171	465	382	235	69	128	66			
Toelcke	SN 26E 33 NWSWSE	44	46	66	96	330	0	90	96	128		
Felton	SN 26E 33 SWSENE	137	142	198	204	120	123	158	177	0		
Browne/Sorensen	SN 26E 33 SWSWNW	406	375	506	0	0	114	277	634	848	1,053	
		3,107	3,750	8,608	6,674	2,179	2,447	7,841	7,658	<u>11,610</u>	<u>10,109</u>	<u>5,340</u>

Table 2. AF pumped in nearby wells according to the IDWR (owner names came from IDWR Water Management Information System, WMIS).

wrong #s

Drawdown Analysis

As described in the Discussion subsection of the Water Level Hydrograph section, the determination of the aquifer parameters by one pumping test on one well prior to the irrigation season does not provide sufficient data to determine aquifer parameters. Aquifer parameters collected from the above scenario in the area of concern will not reflect the well yields or water level measurements throughout the season.

A more plausible way is to model the effects of drawdown with differing transmissivity values (T 's). Then, compare the modeled drawdowns with measured drawdowns. The modeled drawdown that matches the measured drawdown is the T that most closely resembles reality. When the modeled T has been determined apply that T to the proposed location. Lastly, model the drawdown from the proposed location to the nearby wells. This methodology will depict the drawdown levels of the coalesced drawdown curves from all the wells including the proposed location.

For this study a model was created to represent the hypothetical drawdown according to the Theis equations. All assumptions of the Theis method are in effect. The model, created in ESRI's

ArcGIS, uses a series of grid layers that represent variables of the Theis equation. These variables are: transmissivity, storativity, pumping duration, distance from pumping well, and pumping rate. Pumping rates from five wells surrounding the proposed location were used as discharge values in the equations.

There are many other wells in the surrounding area that pump during the irrigation season. However, to determine the most conservative analysis of the water table only the 5 highest producing wells in close proximity to the proposed location were used. Inclusion of all the pumping wells in the area would increase the overall drop of the water table masking the possible affect of the proposed well. This methodology does not produce reality. However, with minimal drawdown or rising water levels throughout the irrigation season the hypothesis is that the model must be conservative in order to segregate any possible effect on nearby wells.

The model creates a grid that represents the drawdown for each well input and combines the 5 grids to show a cumulative drawdown. Pumping rates were actual measured rates taken from the IDWR. A 100-day pumping duration and storativity of 0.025 (unitless) was held constant through the 4 model runs.

To produce all possible scenarios the model was utilized with varying T 's. Four T rates were used: 50,000 ft²/day, 100,000 ft²/day, 250,000 ft²/day and 500,000 ft²/day. These 4 T 's were taken from varying reports of the area. Transmissivity values vary depending on aquifer formations and can be misinterpreted when an aquifer contains several impermeable layers scattered throughout. Because the Theis equations assume homogeneity throughout the entire aquifer, the various T values were compared to observed water levels. The model describing the T that most closely resembled the measured water levels was applied to the proposed well. The model was then run with the chosen T to simulate drawdown in nearby wells.

Figures 5 through 12 illustrate the results of the model. The results are summarized below:

- Figure 5 illustrates the results of the model with all 5 pumping wells with a T of 50,000 ft²/day. At the end of the 100 continuous pumping days, the drawdown of the pumping wells reaches 20 feet. At this T the proposed location would have a drawdown of approximately 14 ft. According to the model the River Well (4N 26E 4 NENWNE), approximately 7,500 ft south southeast, would show a drawdown of 8.5 to 9 ft. The measured drawdown on September 13th after 100 days of pumping was approximately 3.5 ft.

SW

The drawdown at well 5N 26E 23 NENWSE after 100 days pumping at a T of 50,000 ft²/day should be 5 ft. However, the measured water level at the end of the irrigation season was equal to the water level at the beginning of the season. Hence the actual measurement was a drawdown of 0 ft.

Drawdown at the Babcock well (5N 26E 29 SENWSE) should be 11 ft. However, the measured drawdown was approximately 1.5 ft at the end of the season after pumping 359 AF.

The Moss well should show a drawdown of 6 ft. After 100 days of pumping, the measured water level rose a little over 1 ft.

These analyzed results show that an aquifer T of 50k is not possible because the results do not match reality. Therefore, the T of the pumping wells must be greater than 50,000 ft^2/day .

The results are also illustrated in figures 9 through 12. These figures are profiles showing the modeled results of the drawdowns from the 4 T 's from the proposed location to each of the 4 observation wells. For example, Figure 9 illustrates the profiles determined by the model from the proposed location to observation well 4N 26E 4 NENWNE at all 4 of the modeled T 's. The blue profile line is the profile of the water table after 100 days pumping at 50,000 ft^2/day from the proposed well location to observation well 4N 26E 4 NENWNE. The y-axis is feet of drawdown at the proposed location. The x-axis is the distance from the proposed location. The end of the line on the right is the drawdown at well 4N 26E 4 NENWNE. The red line is the same parameters run at 100,000 ft^2/day . The green line at 250,000 ft^2/day and the purple line at 500,000 ft^2/day . Figure 10 are the same results from the proposed well to observation well 5N 26E 23 NENWSW. Figure 11 are the profiles from the proposed well to the Babcock well (5N 26E 29 SENWSE). Figure 12 is the same definition as figures 9-11 from the proposed well to the Moss well (5N 26E 21 NWNWNW). The sharp dip in each of the profiles on Figure 12 is caused by crossing very near the pumping well 5N 26E 28 NWNWNW. The profile figures are located at the end of this report.

- Figure 6 is the modeled results utilizing 100,000 ft^2/day in the pumping wells. A similar review of Figure 6 with Figures 9 through 12 resulted in the same conclusion, i.e. none of the modeled results matched the measured water levels at the end of the irrigation season. The T of the cumulative formations must be greater than 100,000 ft^2/day .
- Figure 7 is the modeled results at 250,000 ft^2/day . Close inspection of Figure 7 with Figure 9 reveals that the modeled drawdown matches the measured drawdown at the River well (4N 26E 4 NENWNE). The modeled prediction is 3.5 ft and the measured water level is 3.5 ft after 100 days of pumping. However, none of the other modeled results match the measured data at 250,000 ft^2/day .
- Figure 8 is the modeled results at 500,000 ft^2/day . The modeled results at the River well (4N 26E 4 NENWNE) are less than the measured levels depicting that the T in the southerly direction is less than 500,000 ft^2/day . The observation well 5N 26E 23 NENWSW does not match, 1.5 ft modeled drawdown to 0 ft measured drawdown. The Babcock well (5N 26E 29 SENWSE) matches; 2 ft modeled to 1.5 ft measured. The Moss well (5N 26E 21 NWNWNW) doesn't match; 1.75 ft modeled to +1 ft (rise of 1 ft) measured.

Table 3 is a matrix of the observation wells versus the measured drawdown and each of the modeled drawdowns. All numbers are feet. The red numbers indicate instances where the modeled results meet or exceed the measured results signifying that the T for that model run is accurate to reality.

	Measured	T = 50,000 ft ² /day	T = 100,000 ft ² /day	T = 250,000 ft ² /day	T = 500,000 ft ² /day
5N 26E 29 SENWSE	1.5	8.5	11	6	2
4N 26E 4 NENWNE	3.5	5.75	7	3.5	1.75
5N 26E 21 NWNWNW	+1	3	3.5	2.5	2
5N 26E 23 NENWSW	0	5	4.5	2	1.5

Table 3. Drawdown matrix (all numbers are feet of drawdown).

This drawdown analysis determines that while there is drawdown in the pumping wells, only 3 of the 16 measured water levels match the modeled drawdown; less than 20% correlation. The highest modeled T most closely resembles the measured values. Therefore, the T of the aquifer when taken as an areal formation is much greater than 250,000 ft²/day and closer to 500,000 ft²/day or more.

Another very important conclusion is that the influx of surface water is greater than the drawdown of the wells. Conversely, the lack of surface water will draw the static water level down regardless of the volume of water pumped from the ground.

CONCLUSION

Twenty percent of the modeled or measured T 's (from other studies) equal the measured water levels. In addition, only 5 of the pumping wells in the area were included in the modeled calculations minimizing the overall drawdown. The conclusion of this study determines the average T throughout the proposed location area is greater than 500,000 ft²/day.

To determine the effect of a pumping well at the proposed location, pumping 2,244 gpm for 100 days, with a T of 500,000ft²/day, all the other aquifer parameters held constant, the drawdown on the Babcock well (5N 26E 29 SENWSE, 1,800 ft away) is 0.5 ft. The drawdown on the nearest pumping well, 5N 26E 28 NWSWSW, 1,300 ft away, will be 0.55 ft (Figure 13). The result is that a pumping well at the proposed location will show no determinable effect on any of the surrounding wells.

It has been demonstrated here that significant drops in production will be caused by the lack of surface water infiltrating the subsurface during periods of low precipitation and not from pumping of ground water.

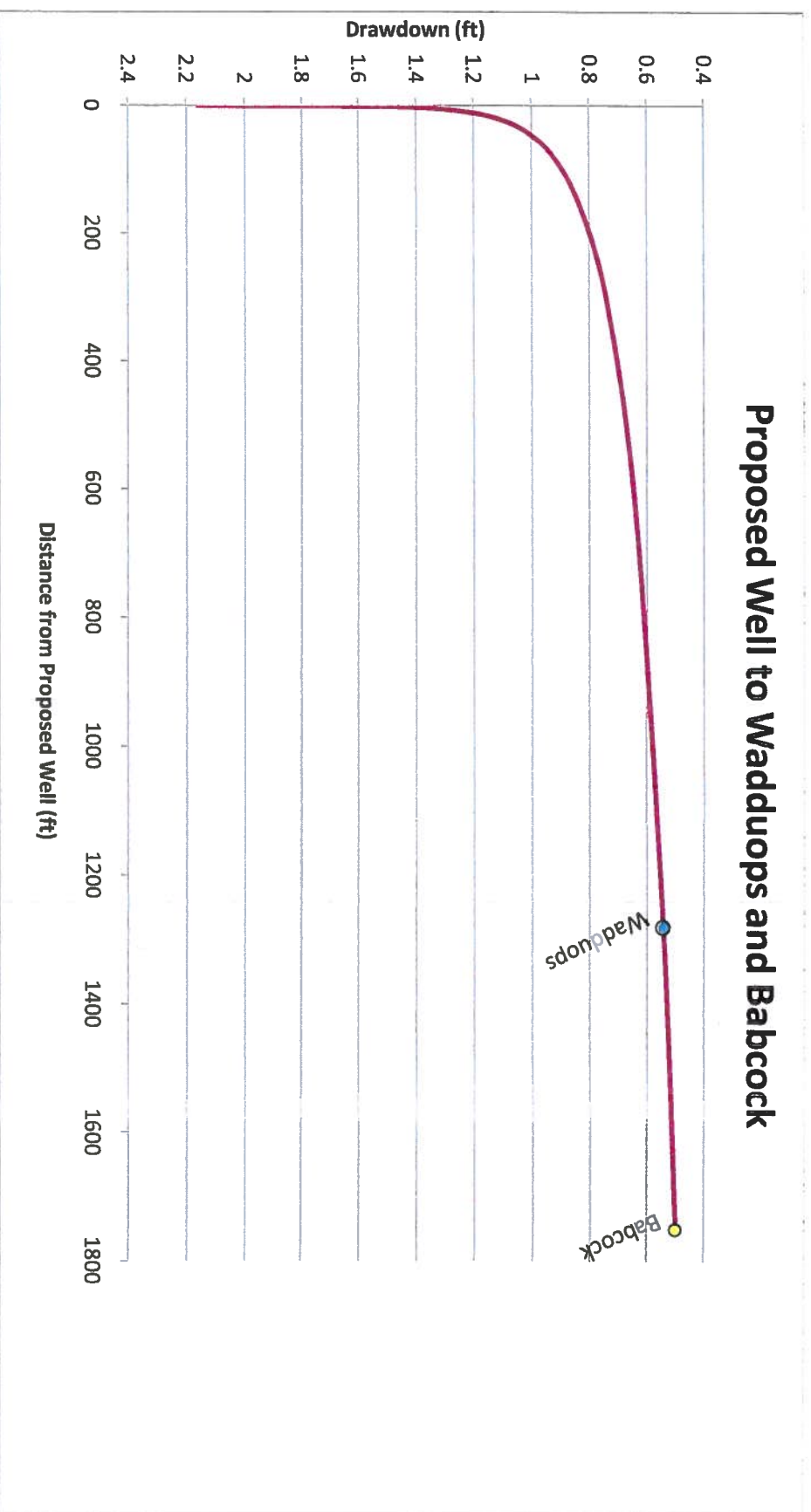


Figure 13. Profile of drawdown at 500,000 ft³/day from the proposed location to the 2 closest pumping wells, 5N 26E 29 SENWSE and 5N 26E 28 NWSWSW.

$T = 50,000 \text{ ft}^2/\text{day}$ Model Output- Proposed Well

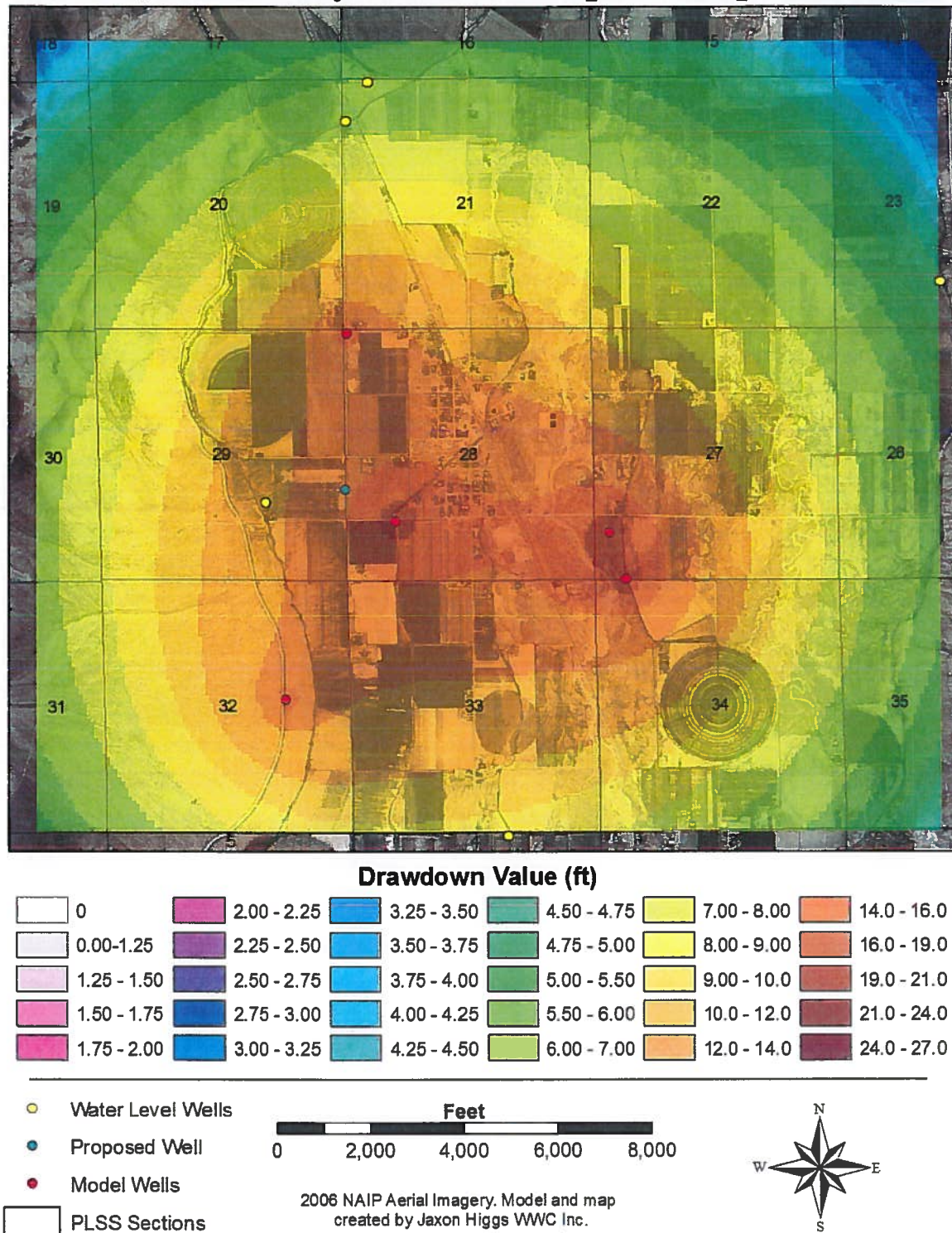


Figure 5. Model results utilizing a T of $50,000 \text{ ft}^2/\text{day}$

$T = 100,000 \text{ ft}^2/\text{day}$ Model Output- Proposed Well

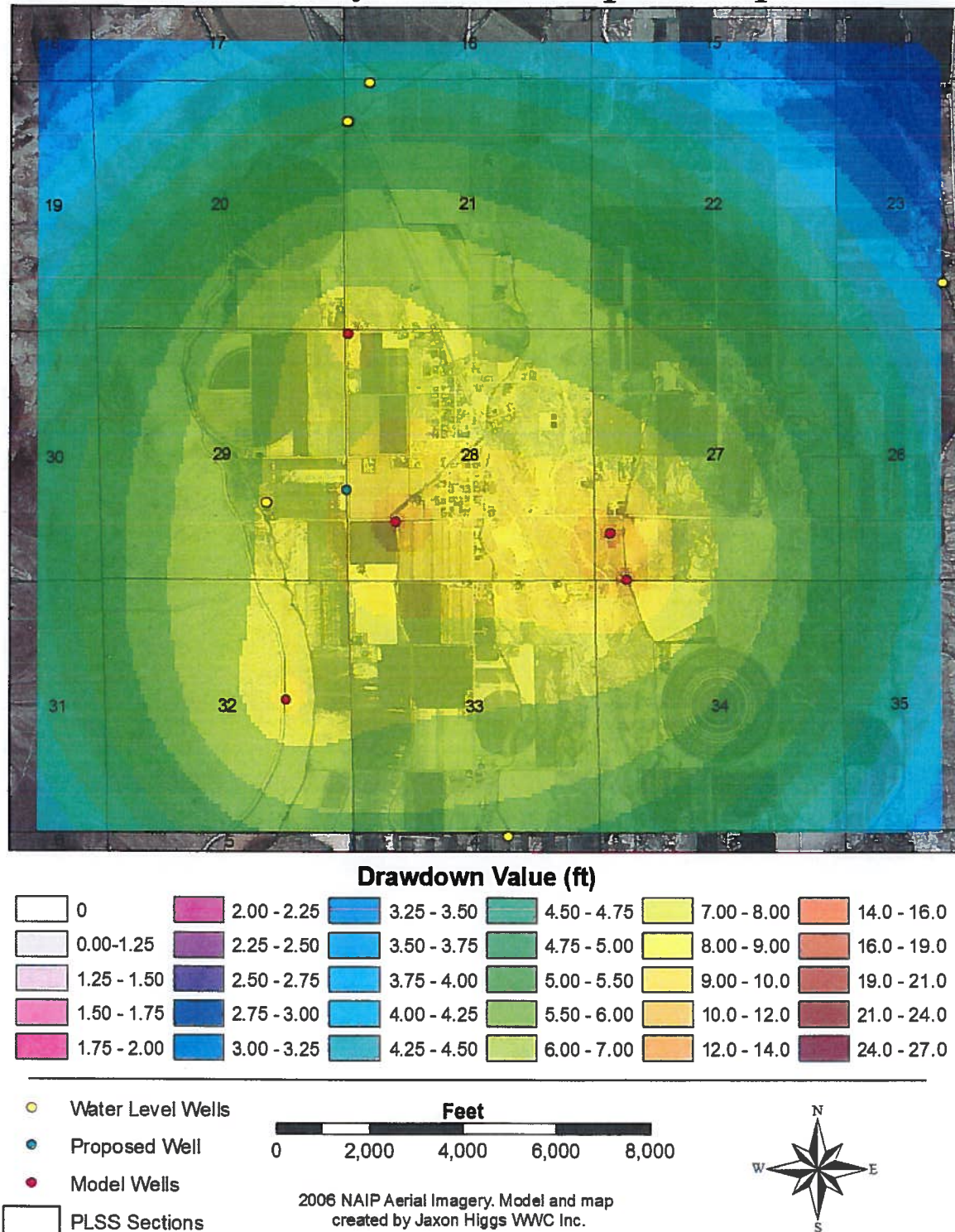


Figure 6. Model results utilizing a T of $100,000 \text{ ft}^2/\text{day}$

$T = 250,000 \text{ ft}^2/\text{day}$ Model Output- Proposed Well

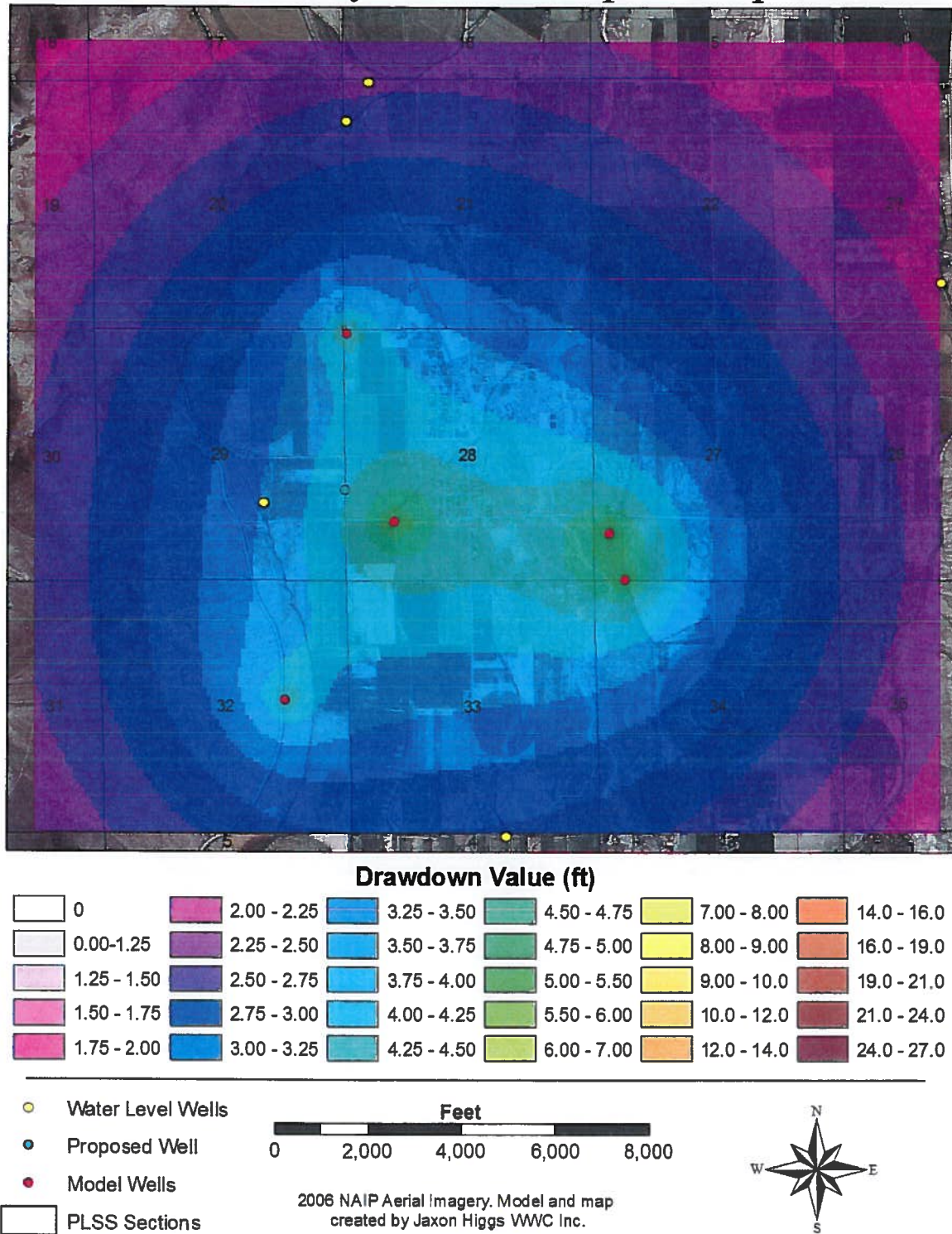


Figure 7. Model results utilizing a T of $250,000 \text{ ft}^2/\text{day}$

$T = 500,000 \text{ ft}^2/\text{day}$ Model Output- Proposed Well

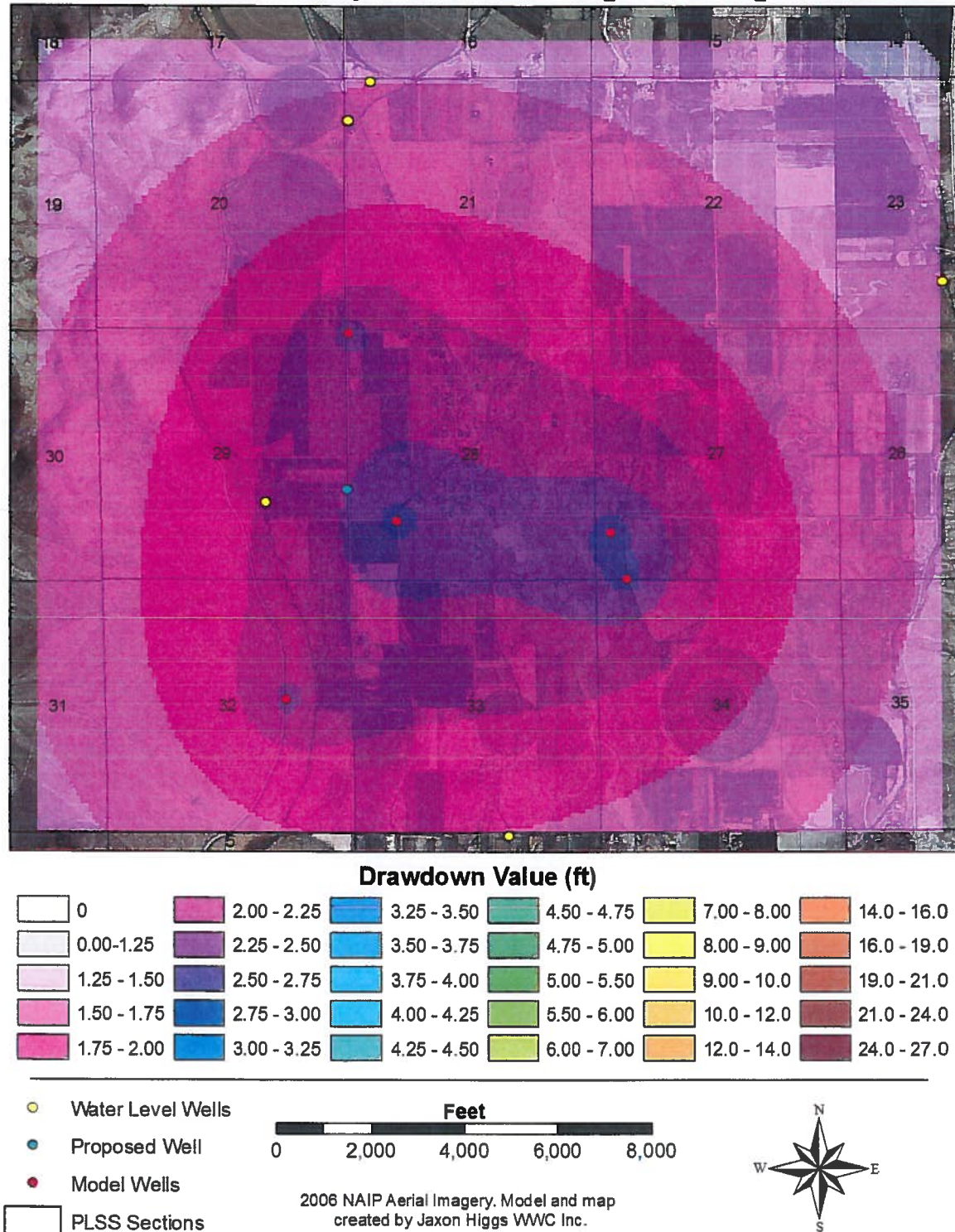


Figure 8. Model results utilizing a T of $500,000 \text{ ft}^2/\text{day}$

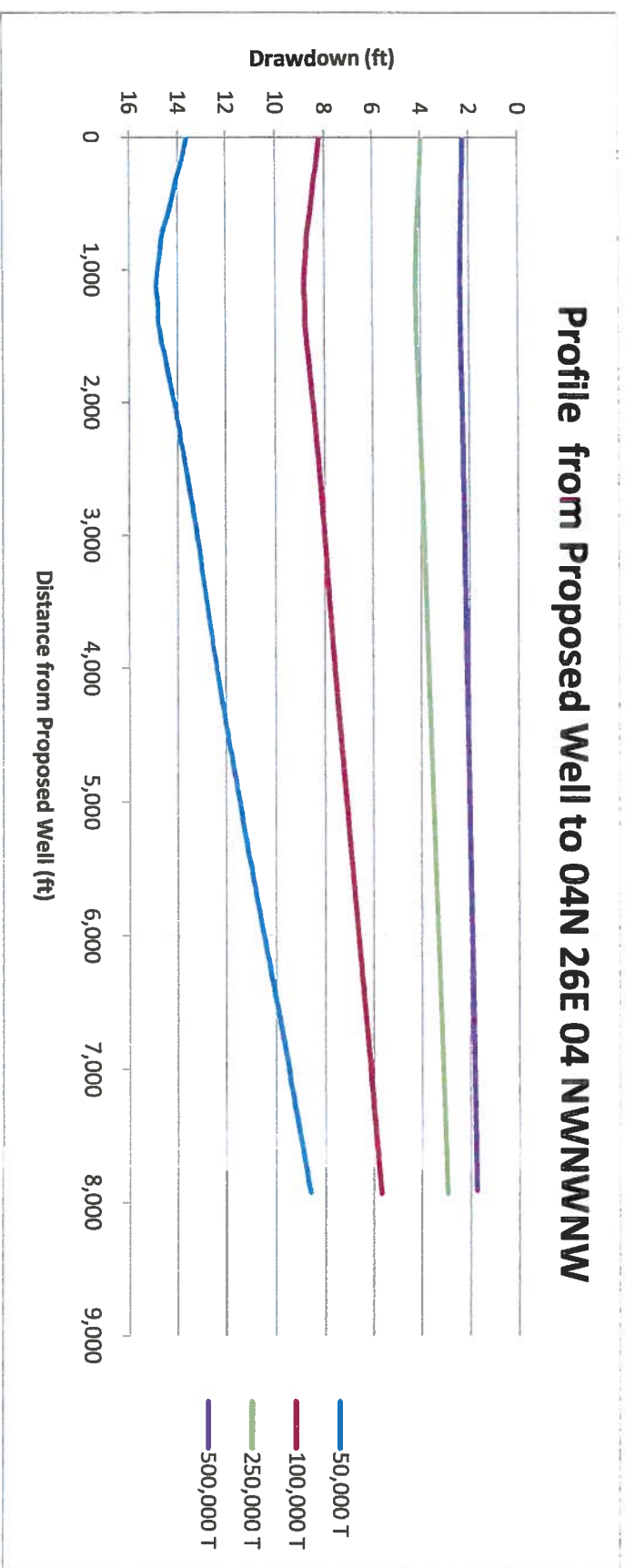


Figure 9. Profile from Proposed Well to 04N 26E 04 NW/NW/NW

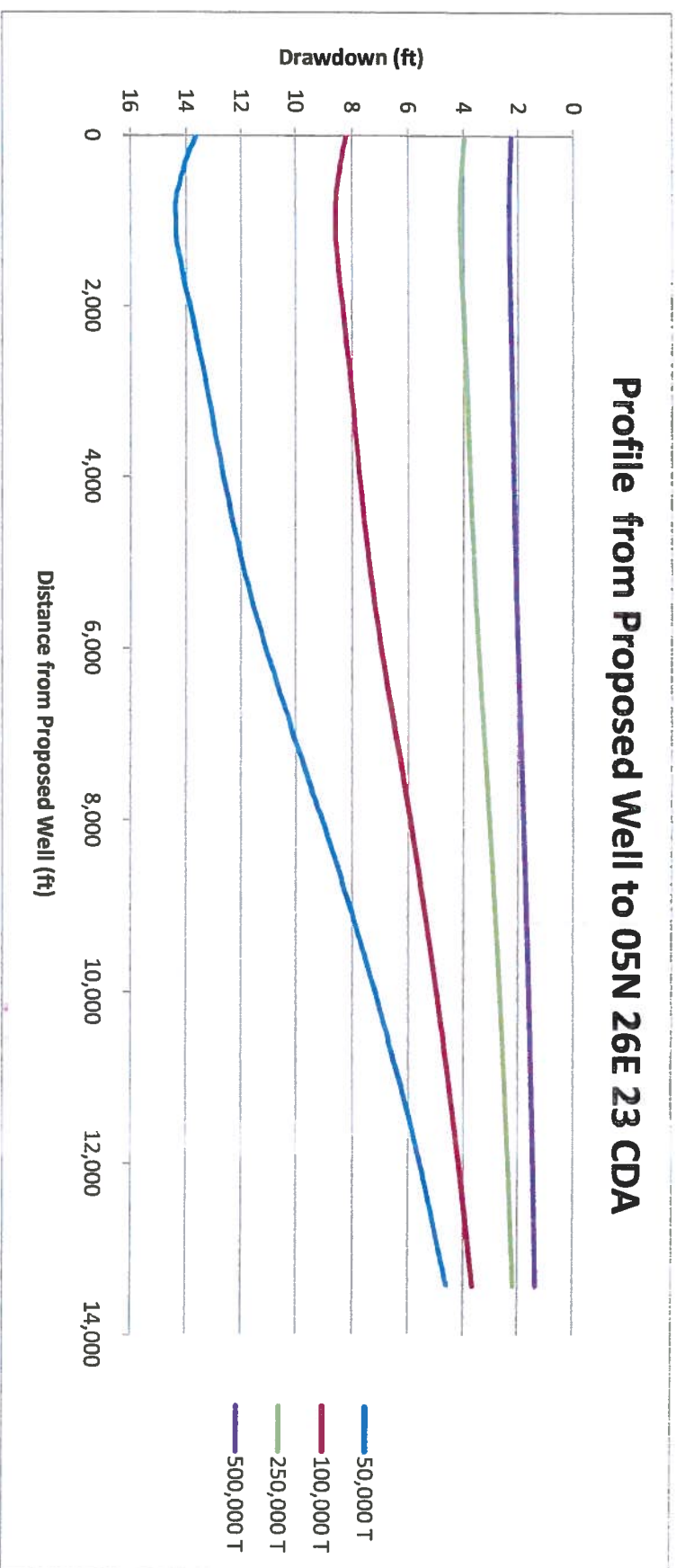


Figure 10. Profile from Proposed Well to 05N 26E 23 CDA

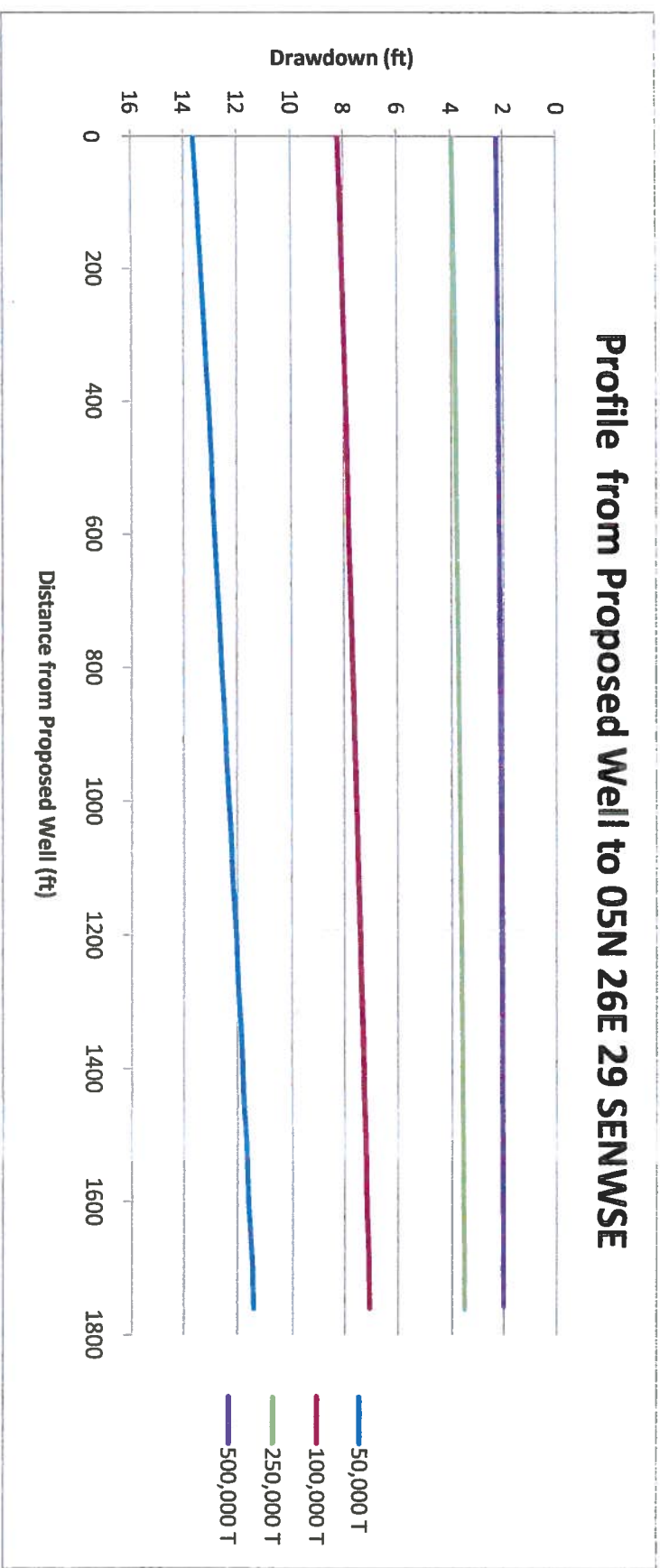


Figure 11. Profile from Proposed Well to 05N 26E 29 SENWSE

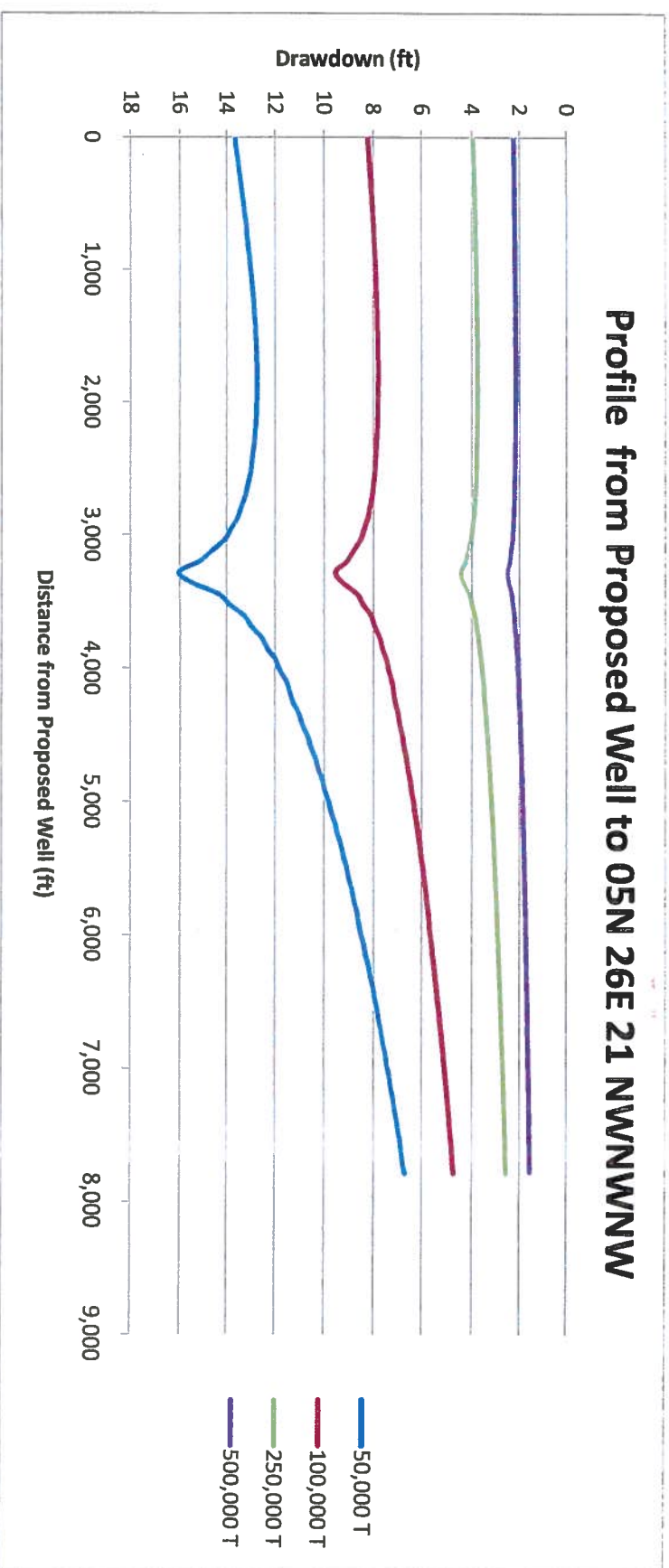


Figure 12. Profile from Proposed Well to 05N 26E 21 NWNWNW

*Note: Wavy sections on profile lines are due to the line position with respect to model cells.

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September 8, 2010

Mike Telford
1800 N. 1550 W.
Paul, Idaho 83347

RE: PROPOSED WELL LOCATION

Dear Mr. Telford,

As you requested I have reviewed all available data within the area of your proposed well location. The collected and reviewed data included all known hydrogeologic reports, well and pumping information, and water levels. In addition, I have measured a series of wells two (2) times each during the 2010 irrigation season and will measure each well once more. This letter briefly summarizes the results of the review.

The aquifer parameters vary within the basin. Based on the data from surrounding wells an estimate of the transmissivity at approximately 100,000 ft²/day is most likely in the area of your proposed well. At that transmissivity the drawdown within 1 mile of the well location will be approximately 1 ft. When coalesced with the drawdown curves of other wells in the area the effect of your new well will be undetectable.

It is my professional opinion that the best location of the proposed well is equidistant from all other wells in the area; thereby allowing each well maximum draw from the localized aquifers. The attached map illustrates the ideal location. However, since the ideal location is in a cultivated field I suggest you locate the well along the county road as indicated.

I have prepared a report with all the data and analyses defending my position. I am prepared for the hearing and am available at the scheduled time. All expert witnesses will be using the same data, since there is no more available, and must come to the same conclusion. Your well will have no detectable effect.

Please do not hesitate to contact me with clarifications or questions.

Sincerely,

A handwritten signature in cursive script that reads "Brian Higgs P.G.".

Brian Higgs, P.G.



Idaho Statutes

TITLE 42

IRRIGATION AND DRAINAGE -- WATER RIGHTS AND RECLAMATION

CHAPTER 2

APPROPRIATION OF WATER -- PERMITS, CERTIFICATES, AND LICENSES -- SURVEY

42-226.GROUND WATERS ARE PUBLIC WATERS. The traditional policy of the state of Idaho, requiring the water resources of this state to be devoted to beneficial use in reasonable amounts through appropriation, is affirmed with respect to the ground water resources of this state as said term is hereinafter defined and, while the doctrine of "first in time is first in right" is recognized, a reasonable exercise of this right shall not block full economic development of underground water resources. Prior appropriators of underground water shall be protected in the maintenance of reasonable ground water pumping levels as may be established by the director of the department of water resources as herein provided. In determining a reasonable ground water pumping level or levels, the director of the department of water resources shall consider and protect the thermal and/or artesian pressure values for low temperature geothermal resources and for geothermal resources to the extent that he determines such protection is in the public interest. All ground waters in this state are declared to be the property of the state, whose duty it shall be to supervise their appropriation and allotment to those diverting the same for beneficial use. This act shall not affect the rights to the use of ground water in this state acquired before its enactment.

Any application for a water permit that seeks to transfer ground water outside the immediate ground water basin as defined by the director of the department of water resources for the purpose of irrigating five thousand (5,000) or more acres on a continuing basis or for a total volume in excess of ten thousand (10,000) acre feet per year, the application must first be approved by the director of the department of water resources and then by the Idaho legislature. Each shall give due consideration to the local economic and ecological impact of the project or development so proposed.

The Idaho Code is made available on the Internet by the Idaho Legislature as a public service. This Internet version of the Idaho Code may not be used for commercial purposes, nor may this database be published or repackaged for commercial sale without express written permission.

The Idaho Code is the property of the state of Idaho, and is copyrighted by Idaho law, I.C. § 9-350. According to Idaho law, any person who reproduces or distributes the Idaho Code for commercial purposes in violation of the provisions of this statute shall be deemed to be an infringer of the state of Idaho's copyright.



07. Mackay Dam Minimum By-Pass. Mackay Dam and Reservoir shall be operated to maintain a minimum flow of fifty (50) CFS at the 2-B gage. (10-26-94)

08. Canal or Lateral Delivery. In the event a water user feels inappropriate delivery of natural flow water is occurring on any lateral or canal, the water user can request the watermaster to investigate. In the event the watermaster determines that delivery of natural flow water rights within a lateral or canal is being improperly conducted he shall: (10-26-94)

a. Notify the ditch rider and the water delivery entity of the results of his investigation and coordinate efforts to make proper delivery of the natural flow. (10-26-94)

b. If the situation has not been sufficiently resolved within twenty-four (24) hours the watermaster will notify the director who may take all actions authorized by law to remedy the situation. (10-26-94)

041. – 044. (RESERVED).

045. ADMINISTRATION OF GROUND WATER RIGHTS (RULE 45).

Administration of ground water rights is based upon the list of water rights approved for interim administration by the court or as subsequently decreed by the court in the SRBA. Should curtailment of ground water rights become necessary to protect a senior ground water right(s), administration will be based upon reasonable pumping levels and the prior appropriation doctrine as required by law. (10-26-94)

046. – 049. (RESERVED).

050. CONJUNCTIVE ADMINISTRATION OF GROUND AND SURFACE WATER RIGHTS (RULE 50).

01. Conjunctive Administration – Exceptions. All ground water rights shall be administered conjunctively as part of the Big Lost River and tributaries unless the ground water user can show to the satisfaction of the director, that due to well construction or location, the diversion of ground water from a particular point of diversion does not reduce the flow of the Big Lost River above the last (most downstream) diversion from the Big Lost River. An exception to conjunctive administration in Water District 34 exists for those ground water rights in the list of water rights containing a remark noting that the right will be administered as separate from the Big Lost River and its tributaries. (10-26-94)

02. Water Rights Not Subject to Administration. Small domestic and stock water rights from ground water are not subject to administration at this time; however, these rights may be made subject to administration in the future to provide water to senior water rights from the water system. (10-26-94)

03. General Rule. Data currently available to IDWR shows ground water rights that are to be administered conjunctively with surface water deplete the flows of the Big Lost River downstream from Mackay Dam. Surface water users with water rights from the Big Lost River with points of diversion downstream from Mackay Dam are not required to seek curtailment of or mitigation by junior ground water rights and may develop water rights to supplement their Big Lost River water rights as provided by law. (10-26-94)

04. Mitigation/Augmentation. Water users with water rights whose source is Big Lost River with their point of diversion downstream from Mackay Dam who seek to have the water supply for their water right augmented to provide for their water right the water supply that would have been available for diversion absent the diversion of ground water under junior water rights shall request mitigation pursuant to this rule. Water users who seek such mitigation from ground water users must notify the watermaster at the time those water users make their initial request to the watermaster for delivery of their water right of their desire for mitigation. Mitigation of the effects of ground water diversion, when requested, will occur as more fully described below. (10-26-94)

a. Mitigation will not occur prior to May 1 or after October 15 of any year. (10-26-94)

b. Mitigation will be available to water rights with 1905 and earlier priority dates. (10-26-94)



p.2

**BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO**

IN THE MATTER OF APPLICATION)
FOR TRANSFER NOS. 5659, 5661 AND 5660) **PRELIMINARY ORDER**
THE NAMES OF M. TODD PERKS AND)
MITCHELL D. SORENSEN RESPECTIVELY)

The sequence of events that resulted in the filing of applications for transfer 5659, 5660, and 5661 is unusual. The transfers reflect the elements of the settlement of a civil suit between Kirby A. Jensen and Sharon W. Jensen, husband and wife and Mitchell D. Sorensen and Elaine R. Sorensen, husband and wife. In this case, the matter was adjudicated in district court, and that decision was appealed to the Idaho Supreme Court. Ultimately, Supreme Court Justice, Byron J. Johnson, retired, agreed to personally mediate a settlement that would allow Sorensens to dismiss their appeal before the Supreme Court. The three referenced transfers are part of this settlement agreement. As part of this settlement M. Todd Perkes and his wife Norma Perkes were to take over Sorensens position in specified water exchange agreements with Kirby Jensen et ux. Under this agreement, water rights were to be exchanged between Perkes and Sorensen.

Application for Transfer, NOS. 5659, 5660, and 5661 were received by the Department of Water Resource (IDWR) on January 10, 2000. After initial IDWR review, notice of the proposed changes was published in the Arco Advertiser on February 17 & March 2, 2000. A protest against the approval of all three applications was received from a group identifying itself as the Big Lost River Water Users Association. Of those signing the protest, only Larman D. Andersen and Joel Andersen appeared at the hearing and were not represented by counsel. Their objections to the changes are reflected as follows:

1. Water Right 34-07035(B) ("T5659") proposes a well just north and west of Larman Andersen's supplemental well. Mr. Andersen believes that



pumping at this location would adversely affect the pumping level in his well.

2. Larman Andersen has a water right on a spring located near Arco. This spring has not produced sufficient water during the "last few years" to fill the Andersen water right. He believes that because the water from the new well will be used outside the "A-Line", this right would not be helped by the recharge from water diverted from the proposed well.
3. The use of water would affect all rights north of the "A-Line".
4. Joel Andersen has a supplemental well in Section 4, east of Mitchell Sorensen's property, and one-half mile south of the "Pump Orchard". This well is less than a quarter of a mile from the location where Sorensen's new well is proposed. The protestants also claim (although not a relevant issue) in this matter that, "Some of these wells have cease and desist orders on them. However, under the Higginson administration they were never enforced. Also the priority on wells was never enforced."

Evidence having been taken, the hearing officer, as a representative of the Director of the Department of Water Resources, enters the following findings of fact, conclusions of law and preliminary order:

FINDINGS OF FACT

1. On January 5, 2000, M. Todd Perkes and Norma Perks, husband and wife, here-in-after Perkes, executed a Quitclaim Deed for Water Rights granting 4.98 cfs of right 34-07035 to Mitchell D. Sorensen and Elaine R. Sorensen, husband and wife, here-in-after Sorensen. Right 34-07035 was originally licensed for 5.62 cfs from ground water, and appurtenant to 561 acres located in the NE1/4 Section 1, Township 3 North, Range 25 East, and the W1/2 and the SE1/4, Section 25, Township 4 North, Range 25 East, B.M. The SRBA Director's report limits the use of this right to 417 acres within the described place of use in any single irrigation season. Based upon this agreement and split, Perkes would retain sufficient water from right 34-0735 (the "A" portion) to irrigate 47.5 acres

within the above described lands. Sorensen would have the right under portion "B" to irrigate 369.5 acres within an 828 acre tract, the description of which will be more specifically identified later in this decision.

2. The portion of water right 34-07035 deeded to Sorensen would be diverted from a new well to be drilled within the SE1/4SE1/4 Section 5, Township 4 North, Range 26 East, B.M. The change proposed in right 34-07035 is the subject of transfer application 5659.

3. On January 7, 2000, Sorensen transferred the ownership of the water rights listed below to Perkes.

4.

34 - 07096A	January 31, 1975	1.84 cfs	79 acres/yr
34 - 07097A	January 31, 1975	1.58 cfs	92 acres/yr
34 - 07223	April 16, 1979	1.58 cfs	80 acres/yr

The Perkes would have the right to annually irrigate 251 acres within their 561 acre described place of use with the rights received from the Sorensens. These three rights are the subject of transfer application 5660.

5. The rights transferred from the Sorensen to the Perks were appurtenant to 828 acres described as being within:

NW1/4	Sec 2 TWP 3N RGE 25E	158 acres
NE1/4	Sec 3 TWP 3N RGE 25E	78 acres
E1/2	Sec 34 TWP 4N RGE 25E	317 acres
W1/2	Sec 35 TWP 4N RGE 25 E	275 acres

Within this described area, right 34-07035, which was transferred to Sorensen could provide water to 369.5 acres or 44.62% of the total acreage. Water rights 34-07096A,

34-07097A and 34-07223, which were transferred from Sorensen to Perkes could supply water to 251 acres, or 30.31% of the total acreage.

The third transfer, 5661, proposes to add a point of diversion within the NE1/4 SE1/4NW1/4 Sec. 5 TWP 4N RGE 26E, B.M. Butte County for right 34-07035(A). And to add a point of diversion within the NE1/4NW1/4NW1/4 Sec 8 TWP 4N Rge 26 E B.M. Butte County for right 34-07122A. The change would make both wells points of diversion for either or both rights owned by Perkes. The Place of use of these two rights contains 561 acres, which would remain unchanged by the proposed transfer.

6. The changes specified in the mediated agreement require a change in the ownership of water rights, changes in points of diversion where rights are diverted, but do not change the total acreage irrigated by the combined rights. Sorensen will continue to irrigate 828 acres and Perkes will continue to irrigate 561 acres after the proposed changes have been made.

7. The protestants expressed concern that the new well proposed in application 5659 would interfere with their ground water rights. Joel Andersen has an existing supplemental well that will be approximately 1900 feet northeast proposed Sorensen well. Larman Andersen indicated that his supplemental well was about 4200 feet southeast of the proposed new well. Joel Andersen said that in 1992, (one of the driest years of record in eastern Idaho), he measured the water level in his well on April 8, 1992 at 26 ft below land surface, on July 10, he measured the pumping level at 67 feet. At that time Joel Andersen had an additional 10 feet of casing added to his well. On August 12, he was unable to get adequate water to pressurize his system.

8. Dr. Charles Brockway, P.E. of Brockway Engineering was hired by the applicants as an expert to determine the impacts that other water users might expect as a result the changes required by the settlement agreement. Dr. Brockway located the wells of Perkes, Andersen and the proposed well of Sorensen as follows:

SUBJECT WELL	APPROXIMATE DISTANCE FROM THE JOEL ANDERSEN WELL
Perkes North Well	4500 feet
Perkes South Well	5300 feet
Sorensen Well	1900 feet

Based upon the aquifer characteristics that had been previously determined by a pump test conducted by the USGS, Dr. Brockway compared anticipated pumping drawdown effects on the wells of the protestants under the existing pumping scenario and then after implementation of the proposed changes. The results of these comparisons were submitted in Applicants Exhibit A. These results indicated that under the existing scenario, without the proposed Sorensen well, the Joel Andersen well is subject to a cumulative draw down in water level of about 8.27 feet after 210 days of continuous pumping. After the change the draw down, at the Joel Andersen well, assuming combined maximum pumping rates comparable to the pre-agreement rates, the protestants could anticipate, after 210 days of pumping, that the Joel Andersen supplemental well could expect to have the water in his well decline approximately one additional foot. Under this worst scenario and drought conditions the pumping level in the Joel Andersen well could not be expected to be greater than 90 feet. It is possible that under an extreme set of circumstances the Joel Andersen well might have to be deepened.

9. Idaho Code § 42-226 provides that, *while the doctrine of "first in time is first in right" is recognized, a reasonable exercise of this (ground water) right shall not block full economic development of underground water resources. Prior appropriators of underground water shall be protected in the maintenance of reasonable ground water*

pumping levels as may be established by the director of the department of water resources . . .

10. Water right owners are entitled to make changes in their water rights pursuant to state law if the changes do not result in an increased use of water, do not injure other water rights, and are in the public interest.

11. Exhibits admitted as a part of the hearing record include the following:

- a.) Applicant's Exhibit A – Map showing water right service areas.
- b.) Applicant's Exhibit B – Map showing well locations
- c.) Applicant's Exhibit C – USGA Map showing aquifer test results and groundwater contours
- d.) Applicant's Exhibit D – Brockway impact analysis

CONCLUSIONS OF LAW

1. M. Todd Perkes is the owner of water right 34-07035 and was entitled under Idaho Law to apply to change this right pursuant to §42-108 & §42-222, Idaho Code.

2. M. Todd Perkes has the right to apply to add a point of diversion to water rights 34- 07035(A) and 34-07122A as requested in application for transfer 5660.

3. Mitchell Sorensen is entitled under Idaho Law to apply to the Idaho Department of Water Resources to change the point of diversion, place of use, or nature of use of water rights 34-07096A, 34-07097A and 34-07223.

4. The applicants are entitled to apply to make changes in their water rights pursuant to state law.

5. The changes proposed in applications for transfer 5659, 5660 and 5661 are in the local public interest, will not injure other water rights, and will not result in an enlargement under these rights.

Comments on Dr. Wood's Report from Water Well Consultants

1. The section describing the Geology of the area is quite well stated.
2. Page 5, 3rd paragraph. Dr. Wood attempts to correlate a well in the Well Orchard to the flows in the BLR at the near Arco gaging station. The river at this gaging station is dry most years. The correlating well does not have continuous record throughout the period shown. Therefore, only a small portion of the records corroborate.
3. Page 5, 4th para, 1st sentence. The water levels in the BLR Valley strictly reflect the precipitation cycle. There are over 90 wells with enough data points to make hydrographs. Of those 90, only a handful show absolute declining water levels over the past several decades. The water levels in many wells drop several feet during droughts but return to the high water levels that existed prior to the drought. It is true that groundwater pumping has an effect on the overall aquifer but it is a cumulative response and is masked by the influx from the river and canals. The drop in the Carpenter well mentioned in the text of the paragraph is related to the drought conditions not groundwater pumping as inferred.
4. Page 6, 1st sentence regarding Conceptual Aquifer Model. I do not agree with Dr. Wood's conceptual model. The available data describe an **unconfined** aquifer in the area surrounding the proposed POD and all wells in the area, especially when reviewing the actual pump test data. The supporting data for my disagreement are listed below.
 - a. The trace of the drawdown during the pumping test does not match Dr. Wood's description. The "break in slope", increasing drawdown, he refers to begins at approximately 1,400 minutes into the test. At 2,400 minutes the slope breaks positive and flattens out for 500 minutes (2,400 minutes to 2,900 minutes). Increases in drawdown from 2,900 minutes to 3,200 minutes. The last day of the test the slope again breaks positive ending at ½ the drawdown since Dr. Wood's "break in slope". The varied slope changes need to be described. This data does not resemble the data collected by Bassick and Jones, 1991. In the Bassick and Jones report the break in slope does not recover nor flatten, that is, the drawdown continues. The Bassick and Jones pumping test results describe a barrier boundary. Wood's pumping test reaches a boundary and then recovers from it. If the boundaries are the mountains it is impossible to recover from the boundary as Dr. Wood describes.
 - b. Page 6, 4th paragraph, 1st sentence. This sentence is in direct opposition to Dr. Wood's confined aquifer conceptual model. Confined aquifers do not reflect large water level fluctuations due to influx of surface water until the system is overwhelmed.
 - c. Same paragraph, last sentence. The BLR Basin is not unique. All ESPA tributary basins have dramatic fluctuations due to the precipitation cycle.
 - d. Page 7, 1st para, last sent. It is very difficult to maintain a continuous flow at exactly 1,500 gpm. Additional data is needed concerning the collection of the pumping test well information. How was the flow regulated? Is there a valve? Is it in front of or behind the measuring location? Were the manufacturer's straight pipe distance requirements met? What was the pressure throughout the test or is the well open Q? If open Q was the pipe



full? Was the pumping data downloaded to the data logger, was the logger in the meter utilized, or did personnel watch the flow rate? Did the rate change during the test particularly when the alleged barrier was intersected?

- e. No mention is made of depth to water measurements made during the test in any of the 3 wells. This procedure was not stated or violated for pumping tests. It is critical to verify the accuracy of the electronic data during testing. However, if depth to water measurements would have been taken the total variation in Dr. Woods' described break in slope was all contained within the margin of error for measurements, .05 feet.
 - f. Same paragraph. What does "rendered uninterruptible" mean in groundwater terms? Barometric pressure changes in groundwater wells have negligible effect when compared to the amount of rise in the water level. A few tenths of feet fluctuation is possible from pressure changes in this aquifer.
 - g. Page 7, 3rd paragraph. The calculated T from the early test data is reasonable at 6.8×10^5 ft²/dy. However, the calculated T for the late time data is erroneous. Note the angle of the trend line through the late data. It transects the data fluctuations when it should cross at right angles. Increase the size of the graph to 800%. The mismatched trend line is obvious at the larger scale. If aqtesolv software was utilized to determine the trend of the line the user manipulates the trend of the line to determine the "best fit". It is obvious from the late time graph presented in Attachment 2, that the trend line should be somewhat flatter. A minor change in the trend line changes the T by orders of magnitude. Dr. Wood's "best fit" line begins at the bottom of the lowest point of the chatter (variations caused by the transducer moving in the pumping well or swirling water) and extends across average to the top of the highest point (see linear trace graph). A simple cursory view indicates that the T is closer to 2.5×10^5 ft²/dy.
 - h. These descriptions appear to be minor, describing breaks in slope for 500 minutes and the entire change being less than ½ inch. The reason for this is because they are. Dr. Wood is extending his interpretation to absolute conjecture. Variations of the described magnitudes are background noise.
 - i. If indeed cone intersects a barrier and the area is confined the effect of each variation of the pressure caused by the pumping well would be seen instantaneously in all 3 wells. The traces follow this principle until the pump is turned off. This fact is restated in Bassick and Jones. However, when the Carpenter well was turned off the Babcock and Loftus wells take more than 2 hours to show the effect, if the recovery from the pumping test is the rise in water levels at 4,500 minutes after the pump was turned on.
5. Page 7. The entire section *Impacts from Proposed Transfer* is not applicable because it does not describe the measured data especially considering that Dr. Wood misinterpreted the pumping data. As stated earlier the conceptual model is erroneous. The 1st sentence of this section states there is a barrier boundary in the area. The following bullets list objections to this section.
- If there is a barrier and confining layers these conditions are local to the Carpenter well only. During the pumping test the water level in nearby upgradient, horizontal, and downgradient, obs wells rose. If the nearby wells receive recharge water from the influx of surface water but the Carpenter does not, the problem is the Carpenter well.

- The Image Well Theory does not apply because it does not consider the influx and recharge of **huge** volumes of surface water. As described above, all 3 traces recover after the alleged barrier is reached which negates the interception of the barrier by the cone of depression.
6. Page 9, last paragraph. Dr. Wood states the well at the new POD would pump 5,244 gpm for 214 days. These calculations are assumptions are not practical or reasonable. At these rates the 2 wells would pump 4,960 AF each year. Telford Lands, LLC irrigates approximately 2,000 acres (1980 under their water rights). I measure and calculate volumes of groundwater pumped in more than 3,500 wells each year. The average groundwater pumper in the ESPA pumps around 22 inches/ac. The IDWR model uses 24 inches/ac. The volume pumped per acre is less in the BLR valley due to the elevation change where 2 crops of hay are normal and 3 crops are unusual. However, 2 ft/ac multiplied by 1980 acres equals 3960 AF needed to irrigate these lands According to Dr. Wood the Telford's would pump 2.5 ft/ac out of **ONLY the proposed well and the Babcock well**. No mention is made of the other Telford wells. To demonstrate real information on pumping days, below is a tabulation for a number of pumps in the area. All numbers are 24 hour days of continuous operation (see table below). Obviously, 214 days of pumping is unrealistic.
 7. Page 10, last paragraph, 1st sentence. There is no amount of "non-transferring" that will save the named wells during severe drought conditions. The prior appropriation doctrine will need to be enforced, as with any other water rights in Idaho, including surface water rights. The fact is evidenced by the hydrographs of the wells in the area.
 8. Same paragraph, 3rd sentence. The pumping test was not completed during near maximum levels. The aquifer is recovering from the recent low precipitation cycle illustrated in the hydrograph of 5N 26E 23 CDA1. The aquifer will continue to rise between 15 and 25 feet to return to the previous levels if the wet cycle continues.

Number of Pumping Days per Year

		2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000
15N 26E 22 NWNENE	V. Jensen	25.5	12.7	41.6	39.8	0.0	18.8	25.6	15.9	36.8	33.2	31.1
15N 26E 22 NWNENW	Beverland/King	0.0	0.6	70.9	20.6	0.0	14.4	5.1	5.2	11.3	6.5	2.8
15N 26E 22 NWNESW	Mullenix	50.3	42.7	80.8	77.5	57.3	53.0	8.0	8.3	12.5	13.3	11.4
15N 26E 22 SWNWNW	Hawkins/Jones/Jensen	0.0	1.7	51.6	36.1	0.0	8.9	23.1	11.7	26.3	35.8	10.0
15N 26E 22 SWNWSE	King	97.0	87.3	98.9	96.5	81.8	87.5	9.9	10.6	7.4	13.5	11.4
15N 26E 27 NWNWNE	Lewis	81.0	9.8	44.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15N 26E 27 NWSWSW	Potter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.6	25.9	24.1
15N 26E 27 SWSWSW	J. Jensen	52.1	22.9	103.4	152.0	46.7	51.3	80.8	59.3	59.2	40.6	36.3
15N 26E 28 NESWSW	Waddups	25.5	25.8	69.4	96.5	0.0	9.2	25.2	25.9	48.1	59.4	16.9
15N 26E 28 NWNWNW	Loftus	44.2	121.5	126.8	148.6	0.0	50.2	16.8	9.9	13.5	14.9	27.3
15N 26E 29 SENWSE	Babcock	91.9	10.4	8.8	15.2	0.0	16.4	45.1	27.8	45.0	57.4	48.0
15N 26E 32 SESESE	Natural Gaurdian	83.3	93.7	151.2	59.2	30.6	18.3	40.2	78.3	65.1	79.4	60.3
15N 26E 33 NWSWNE	D. Smith	51.7	61.7	67.2	55.3	34.0	10.0	5.3	2.7	5.3	4.1	5.7
15N 26E 33 NWSWSE	Toelcke	39.0	21.7	31.3	45.8	0.0	43.1	4.0	5.4	6.0	7.0	5.7
15N 26E 33 SWSENE	Felton	77.3	80.0	98.0	101.2	59.4	59.9	6.6	7.4	0.0	0.0	6.7
15N 26E 33 SWNWNW	Browne/ Sorensen	62.2	56.9	76.8	0.0	0.0	0.0	4.8	11.5	26.4	35.2	43.7

