

RECEIVED

SEP 03 2008

Ident. No. _____ 12/99

WATER RESOURCES
WESTERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

AMENDED

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of Applicant Bridget and/or George Vander Woude Phone 208-722-6994
Mailing address 22448 Market Rd, Parma, ID 83660
Representative Lori Graves, SPF Water Engineering LLC, 600 E River Park Ln Ste 105, Boise, ID. 208-383-4140
2. Source of water supply Ground Water which is a tributary of _____
3. Location of point of diversion is Township 5N Range 4W Sec. 17, in the _____ ¼,
_____ NW ¼, _____ NE ¼, Govt. Lot _____, B.M., _____ Canyon _____ County;
additional points of diversion if any: Sec. 8 NWSE (2 pts), SWSE (2 pts)
4. Water will be used for the following purposes:

Amount <u>0.47</u> for <u>Commercial</u> purposes from <u>1/1</u> to <u>12/31</u> (both dates inclusive)
(cfs or acre-feet per annum)
Amount <u>0.53</u> for <u>Stockwater</u> purposes from <u>1/1</u> to <u>12/31</u> (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 1.0 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Describe type and size of devices used to divert water from the source Three existing wells, up to two proposed wells, pumps, pipeline
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet;
total reservoir capacity _____ acre-feet
 - c. Proposed well diameter is 8 inches; proposed depth of well is 300 feet
 - d. Is ground water with a temperature of greater than 85°F being sought? No
 - e. If well is already drilled, when? See Remarks; Drilling firm _____;
Well was drilled for (well owner) _____; Drilling Permit No. _____
7. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
 - a. Hydropower; show total feet of head and proposed capacity in kW. _____
 - b. Stockwatering; list number and kind of livestock. 600 milking cattle and 600 dry cattle
 - c. Municipal; show name of municipality. _____
 - d. Domestic; show number of households. _____
 - e. Other; describe fully. Commercial uses for a dairy

9. Description of place of use:

- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- If water is used for other purposes, place a symbol of the use (example: *D* for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
5N	4W	8														C/S	C/S		

Total number of acres to be irrigated _____

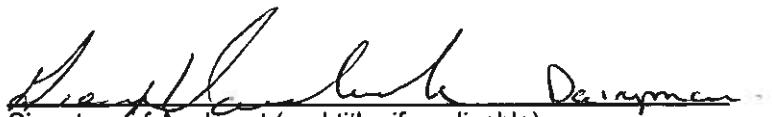
10. Describe any other water rights used for the same purposes as described above. 63-31039, 63-32102

- Who owns the property at the point of diversion? Applicants
- Who owns the land to be irrigated or place of use? Applicants
- If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____

12. Remarks: Filing is for expansion of existing dairy. Drilling reports (attached) were available for two of the three existing wells. Water bearing zone to be appropriated for two possible new wells is from 50 to 300 feet. Dairy waste water will be land applied to lands served by Black Canyon Irrigation District.

13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.)

BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.


Signature of Applicant (and title, if applicable)

Received by ? Date 9/3/08 Time _____ Preliminary check by _____
 Fee \$ See original Received by _____ # _____ Date _____
 Publication prepared by DB Date 10/31/2008 Published in PRESS TRIBUNE
 Publication approved _____ DATE: _____ Date 7 NOVEMBER 6 & 13, 2008

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT 053852

Office Use Only			
Inspected by _____			
Twp _____	Rge _____	Sec _____	
1/4 _____	1/4 _____	1/4 _____	
Lat: _____		Long: _____	

1. WELL TAG NO. D 63-99-W-0588-000
 DRILLING PERMIT NO. A-00-09939
 Other IDWR No. _____

2. OWNER:
 Name George Vanderveude
 Address 22448 Market Rd.
 City Parma State IN Zip 46360

3. LOCATION OF WELL by legal description:
 Sketch map location must agree with written location.

N		Twp. <u>5</u>		North ☒ or South ☐	
W		Rge. <u>4</u>		East ☐ or West ☒	
E		Sec. <u>8</u>		NW 1/4 SE 1/4 1/4	
S		Gov't Lot _____		County <u>Canyon</u>	
		Lat: _____		Long: _____	
		Address of Well Site <u>22448 Market Rd</u>		City <u>PARMA, IN</u>	

(Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD
☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT		METHOD
Material	From	To	Sacks or Pounds		
Bentonite	0	21	50 LBS		Dry pour

Was drive shoe used? ☒ N Shoe Depth(s) 171"
 Was drive shoe seal tested? ☒ Y ☐ N How? NO Blow By

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	12	171	250	Steel	☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

Perforations _____ Method _____
 Screens _____ Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>None</u>							

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

99 ft. below ground Artesian pressure _____ lb.
 Depth flow encountered _____ ft. Describe access port or control devices Sanitary Well Cap

11. WELL TESTS:

☐ Pump	☐ Bailer	☒ Air	☐ Flowing Artesian
Yield gal./min.	Drawdown	Pumping Level	Time
<u>35</u>	<u>N/A</u>	<u>140</u>	<u>3 Hr</u>

Water Temp. 59° Bottom hole temp. _____

Water Quality test or comments: _____

Depth first Water Encounter _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
18"	0	7	Top Soil		☒
10"	7	12	Hard Pan		☒
10"	12	21	Sandy Soil		☒
6"	21	37	Sandy Soil		☒
6"	37	108	Shale & Clay Layers		☒
6"	108	85	Lowest Shale		☒
6"	85	93	Brown Clay		☒
6"	93	123	Sand & Clay Layers 23 gal	☒	
6"	123	135	Sand & Gravel 51 gal	☒	
6"	135	164	Sand & Gravel 10-20 gal	☒	
6"	164	172	Brown Clay		☒
6"	172		Sand 40 gal	☒	

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AUG 10 1999

Department of Water Resources

MICROFILMED

Completed _____ Depth 171' (Measurable)
 Date: Started 7-27-99 Completed 7-28-99

13. DRILLER'S CERTIFICATION

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

Company Name Riverside Etc. Firm No. 0333

Firm Official _____ Date _____
 and _____
 Driller or Operator _____ Date 8-9-99

(Signature of Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

1. DRILLING PERMIT NO. 63-95-410236-000
Other IDWR No. _____

2. OWNER:

Name CHUCK BETTENCOURT
Address 22467 MARKET RD
City PARMA State TO Zip 83660

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N
 W E
 Twp. 5 North ☒ or South ☐
 Rge. 4 East ☐ or West ☒
 Sec. 17 1/4 NW 1/4 NE 1/4
 Gov't Lot _____ 10 acres 40 acres 160 acres
 County CANYON

Address of Well Site MARKET RD
City CARMA

(Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. PROPOSED USE:

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

5. TYPE OF WORK

☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☐ Air Rotary ☒ Cable ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
BENTONITE	17	18	8	GROUT

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

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Unr	Welded	Threaded
6	+ 1	150	250	STEEL	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations Method _____

☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

80 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or
control devices:

11. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
50	20	140	3 HRS

Water Temp. 58° Bottom hole temp. _____

Water Quality test or comments: 10 GRNS,

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

[illegible]

13. DRILLER'S CERTIFICATION

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

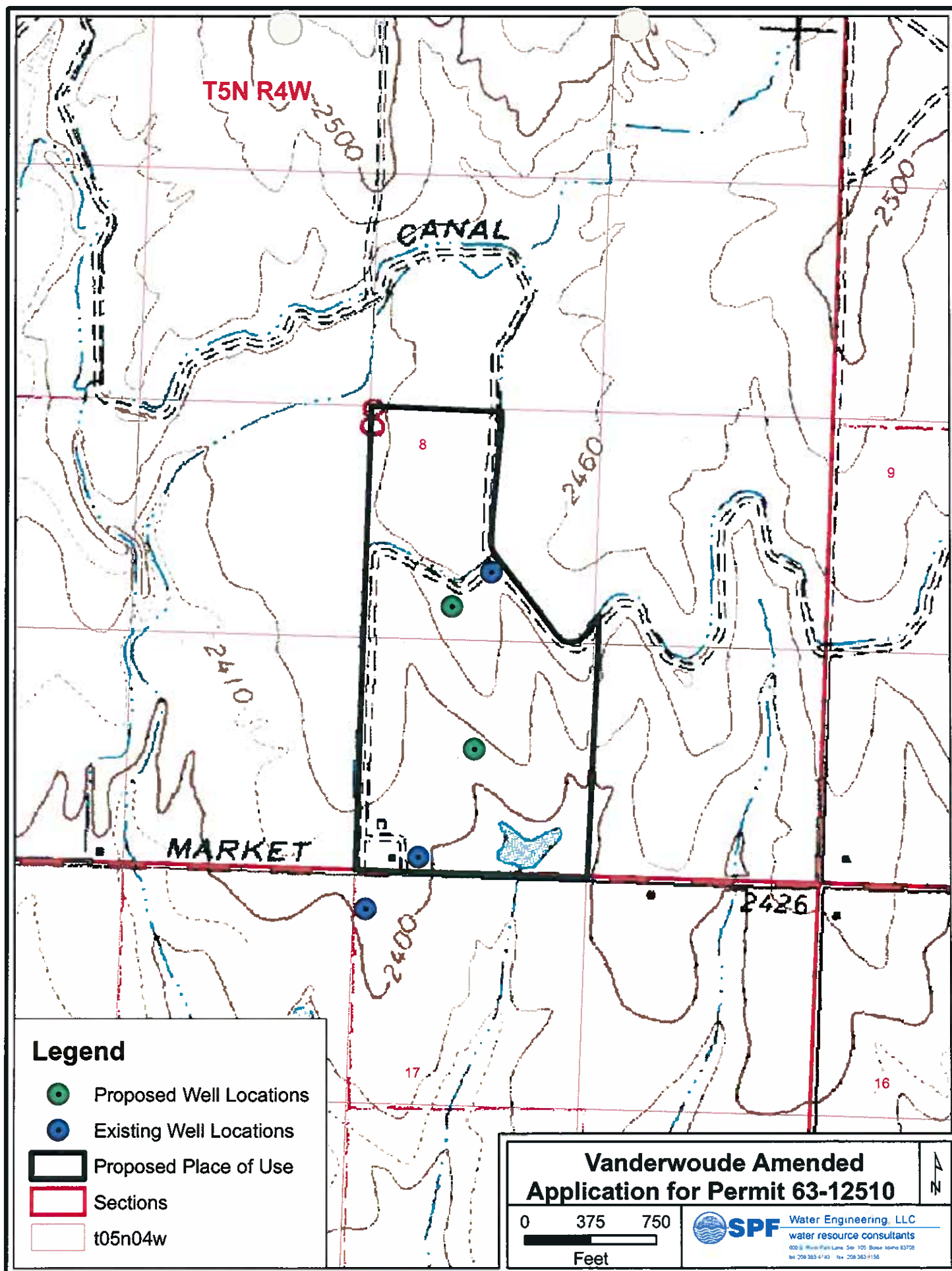
Firm Name KENNEDY METZGER PRL, Firm No. 93

Firm Official Kenneth M. Fu Date 4-18-95

Supervisor or Operator Kenneth M. Ta Date 4-18-95

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES



FORM 202
2/96

Ident. No. 63-12510

ORIGINAL

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of Applicant George & La Bricket Vandewande Phone 208-722-6994
Mailing address 22448 Market Rd Parnum ID 83660
2. Source of water supply groundwater which is a tributary of _____
3. Location of point of diversion is Township 5N Range 4W Sec. 8 in the 1/4, NW 1/4, SE 1/4, Govt. Lot _____, B.M., Canyon County: _____
additional points of diversion if any: SWSE same section
4. Water will be used for the following purposes:

Amount <u>4.7</u> for <u>commercial</u>	purposes from <u>1/1</u> to <u>12/31</u>	(both dates inclusive)
(cfs or acre-feet per annum)		
Amount <u>5.3</u> for <u>stockwater</u>	purposes from <u>1/1</u> to <u>12/31</u>	(both dates inclusive)
(cfs or acre-feet per annum)		
Amount _____ for _____	purposes from _____ to _____	(both dates inclusive)
(cfs or acre-feet per annum)		
Amount _____ for _____	purposes from _____ to _____	(both dates inclusive)
(cfs or acre-feet per annum)		
Amount _____ for _____	purposes from _____ to _____	(both dates inclusive)
(cfs or acre-feet per annum)		
Amount _____ for _____	purposes from _____ to _____	(both dates inclusive)
(cfs or acre-feet per annum)		
5. Total quantity to be appropriated is (a) 1.00 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Describe type and size of devices used to divert water from the source 2 wells, pumps & pipelines
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet
 - c. Proposed well diameter is 6 inches; proposed depth of well is 200 feet
 - d. Is ground water with a temperature of greater than 85° F being sought? No
 - e. If well is already drilled, when? _____; Drilling firm _____
Well was drilled for (well owner) See remarks; Drilling Permit No. _____
7. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
 - a. Hydropower; show total feet of head and proposed capacity in KW. _____
 - b. Stockwatering; list number and kind of livestock. 600 milking plus 600 dry cattle & dairy
 - c. Municipal; show name of municipality. _____
 - d. Domestic; show number of households. _____
 - e. Other; describe fully. commercial

9. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	N.E.				N.W.				S.W.				S.E.				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
5N	4W	8													C/S	C/S			-

Total number of acres to be irrigated

10. Describe any other water rights used for the same purposes as described above. SRBA B.U. claim for domestic - 15 well in SW of SWSE.11. a. Who owns the property at the point of diversion? Applicant.b. Who owns the land to be irrigated or place of use? Applicant.

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing:

12. Remarks: Filing is to expand dairy operation. Existing use is within domestic limits of I.C. 42-711 & filed upon in SRBA claim. Existing well in SWSE & planned well on line will serve expansion. Applicant to ensure no processing delay. Water bearing zone to be identified before processing of this right occurs. Existing well c 4", 150-200' around 1950. Commercial use include land application of waste water.

13. MAP OF PROPOSED PROJECT REQUIRED. Attach an 8 1/2"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.)

BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Applicant agrees to mitigate consumptive use in the future as needed.

George Vandewoode
Signature of Applicant (and title, if applicable)

Received by SR Date 3/12/99 Time 11:50 Preliminary check by SR
 Fee \$ 100.00 Receipted by SR # W024882 * Date 3/12/99
 Publication prepared by _____ Date _____ Published in _____
 Publication approved _____ Date _____

\$100 app. } some receipt
 SR SRBA claim }
 -H



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of Applicant George & Bricket Vandewande Phone 208-722-6994
Mailing address 22448 Market Rd Pawns ID 83660
2. Source of water supply groundwater which is a tributary of _____
3. Location of point of diversion is Township 5N Range 4W Sec. 8, in the _____ 1/4,
NW 1/4, SE 1/4, Govt. Lot _____, B.M., canyon County;
additional points of diversion if any: SWSE same section
4. Water will be used for the following purposes:

Amount <u>.47</u> (cfs or acre-feet per annum)	for <u>commercial</u>	purposes from <u>1/1</u> to <u>12/31</u>	(both dates inclusive)
Amount <u>.53</u> (cfs or acre-feet per annum)	for <u>stockwater</u>	purposes from <u>1/1</u> to <u>12/31</u>	(both dates inclusive)
Amount _____ (cfs or acre-feet per annum)	for _____	purposes from _____ to _____	(both dates inclusive)
Amount _____ (cfs or acre-feet per annum)	for _____	purposes from _____ to _____	(both dates inclusive)
Amount _____ (cfs or acre-feet per annum)	for _____	purposes from _____ to _____	(both dates inclusive)
Amount _____ (cfs or acre-feet per annum)	for _____	purposes from _____ to _____	(both dates inclusive)
5. Total quantity to be appropriated is (a) 1.00 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Describe type and size of devices used to divert water from the source _____
2 wells, pumps & pipelines
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet
 - c. Proposed well diameter is 6 inches; proposed depth of well is 200 feet
 - d. Is ground water with a temperature of greater than 85°F being sought? No
 - e. If well is already drilled, when? _____; Drilling firm _____
Well was drilled for (well owner) See remarks; Drilling Permit No. _____
7. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
 - a. Hydropower; show total feet of head and proposed capacity in KW. _____
 - b. Stockwatering; list number and kind of livestock. 600 milking plus 600 dry cattle & dairy
 - c. Municipal; show name of municipality. _____
 - d. Domestic; show number of households. _____
 - e. Other; describe fully. commercial

9. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	N E				N W				S W				S E				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
5N	4W	8													C/S	C/S			-

Total number of acres to be irrigated —

10. Describe any other water rights used for the same purposes as described above. SRBA B.U. claim for Domestic - is well in SW of SWSE.

11. a. Who owns the property at the point of diversion? } Applicant
b. Who owns the land to be irrigated or place of use? }

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: —

12. Remarks: Filing is to expand dairy operation. Existing use is within domestic limits of I.C. 42-711 & filed upon in SRBA claim. Existing well in SWSE & planned well on NE line will serve expansion. Applicant to aware of processing delay. Water bearing zone to be identified before processing of this right occurs. Existing well c 4", 150-200' around 1950. Commercial use includes land application of waste water.

13. MAP OF PROPOSED PROJECT REQUIRED ✓ Attach an 8½"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.)

BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Applicant agrees to mitigate consumptive use in the future as needed.

James Vanhook
Signature of Applicant (and title, if applicable)

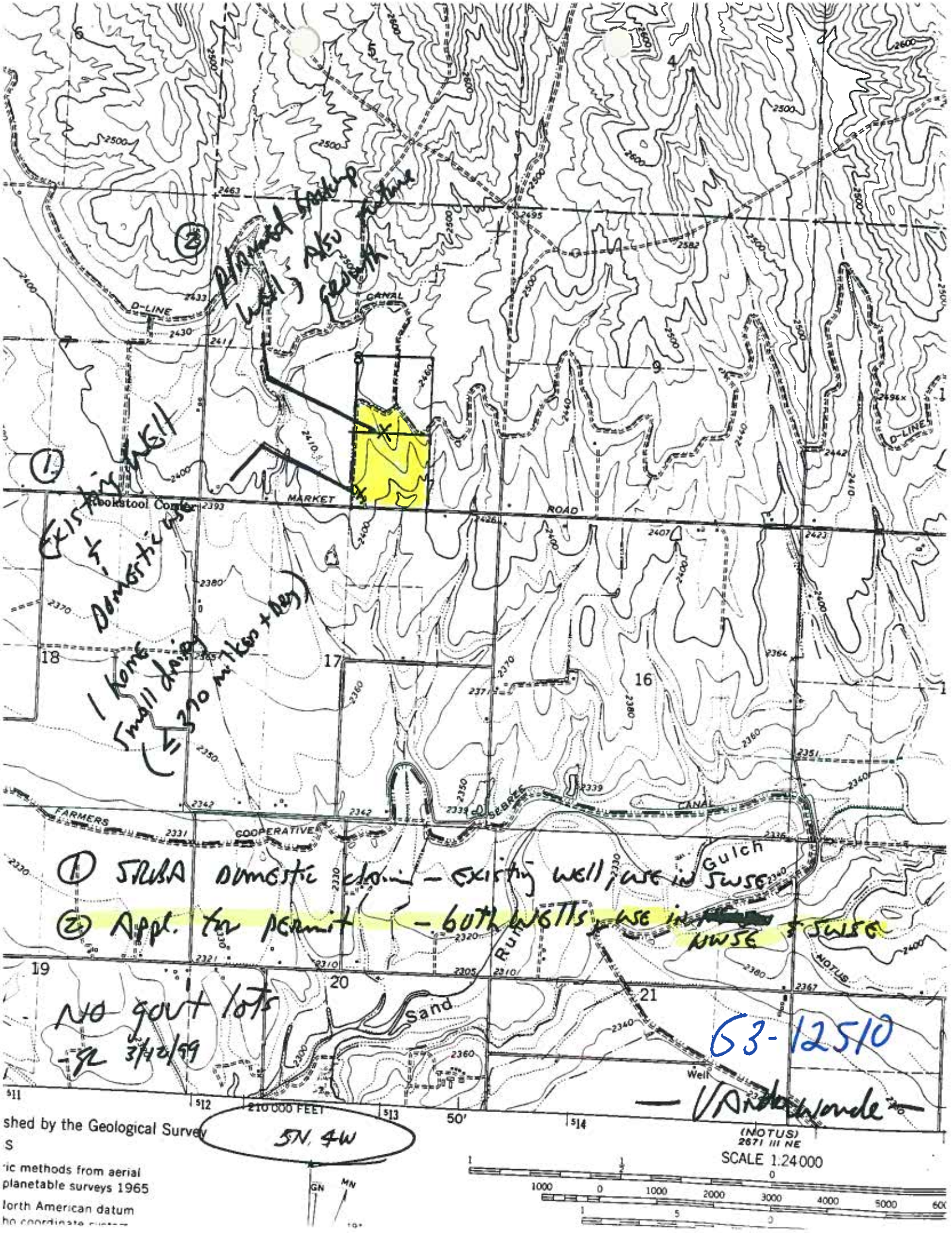
Received by SL Date 3/12/99 Time 11:50 Preliminary check by —
Fee \$ 100.00 Received by SL # W024882 * Date 3/12/99
Publication prepared by — Date — Published in —
Publication approved — Date —

* \$100 APP.
\$25 SRBA claim } we receipt
SL

Comments: Date: 3/15/1999 User-ID: SLESTER

Subject: APPLICANT'S OTHER INFORMATION

Use existing well in SWSE & planned well in NWSE for dairy expansion. Existing dairy use is within domestic limits of I.C. 42-111 and filed upon in SRBA claim. Existing well is 4", @ 150-200'. Water bearing zone to be identified later in processing. Expanded dairy use will include up to 600 milking plus 600 dry cattle. Commercial use includes the dairy and land application of waste water. Applicant is aware of processing delay in Basin 63.



① Existing Well
Domestic
1 home
5 small dairies
(1/2 370 miles + Hwy)

Planned backup well, also future

① SUSA Domestic claim - existing well, use in SWSE
② Appl. for permit - both wells use in NWSE & SWSE

NO govt lots
- 9/2 3/12/59

63-12510

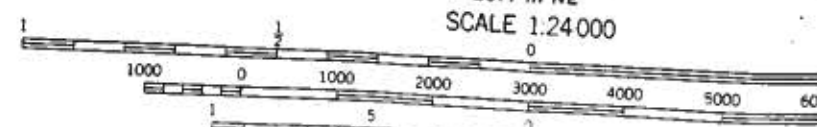
— Vanderwande

shed by the Geological Survey

5N, 4W

(NOTUS)
2671 III NE
SCALE 1:24000

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planetable surveys 1965
orth American datum
ho coordinate



The following application(s) have been filed to appropriate the public waters of the State of Idaho:
63-12510

GEORGE VANDERWOUE
BRIDGET VANDERWOUE
22448 MARKET RD
PARMA ID 83660

Point(s) of Diversion	SWSE	S8	T05N	R04W	CANYON County	Source GROUND WATER
Point(s) of Diversion	NWSE	S8	T05N	R04W	CANYON County	Source GROUND WATER
Point(s) of Diversion	NWSE	S8	T05N	R04W	CANYON County	Source GROUND WATER
Point(s) of Diversion	SWSE	S8	T05N	R04W	CANYON County	Source GROUND WATER
Point(s) of Diversion	NWNE	S17	T05N	R04W	CANYON County	Source GROUND WATER
Use:	STOCKWATER		1/01 To 12/31	0.53 CFS		
Use:	COMMERCIAL		1/01 To 12/31	0.47 CFS		
	Total Diversion:			1 CFS		

Date Filed: 03/12/1999
Place Of Use: COMMERCIAL
T05N R04W S8 NWSE SWSE

Place Of Use: STOCKWATER SAME AS COMMERCIAL

Remark: Water bearing zone to be appropriated is from 150 to 300 feet.
Commercial use is for a dairy

Permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec 42-203A, Idaho Code. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resource, Western Region, 2735 Airport Wy, Boise ID 83705 together with a protest fee of \$25.00 for each application on or before 11/24/2008. The protestant must also send a copy of the protest to the applicant.

DAVID R. TUTHILL, JR., Director

November 6, 13, 2008

06559521

Received from Press Tribune

Proofed ✓ OK DB 10/31/08

Buffington, Denise

From: Buffington, Denise
Sent: Friday, October 31, 2008 9:08 AM
To: legals@idahopress.com
Subject: Legal Notices
Attachments: Canyon County - Cover Letter.RTF; 63-12329 Ad.RTF; 63-12510 Ad.RTF; 63-33118 Ad.RTF

Attached please find (3) legal notices, being submitted for publication. Please contact me if you are not able to run the notices on the dates requested.

Thank you,

Denise Buffington
Idaho Department of Water Resources
Western Region

10/31/2008

October 31, 2008

Legal Notice Department

PRESS-TRIBUNE

PO BOX 9399

NAMPA ID 83652

RE: Application for Permit No. 63-12329, 63-12510 & 63-33118

Dear LEGAL NOTICE DEPARTMENT:

Enclosed you will find a legal notice which we wish to have published in your newspaper on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before 11/24/2008. Your cooperation is appreciated.

Sincerely,

Denise Buffington

Administrative Assistant

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

63-12510

GEORGE VANDERWOUE
BRIDGET VANDERWOUE
22448 MARKET RD
PARMA ID 83660

Point(s) of Diversion	SWSE	S8	T05N R04W CANYON County	Source GROUND WATER
Point(s) of Diversion	NWSE	S8	T05N R04W CANYON County	Source GROUND WATER
Point(s) of Diversion	NWSE	S8	T05N R04W CANYON County	Source GROUND WATER
Point(s) of Diversion	SWSE	S8	T05N R04W CANYON County	Source GROUND WATER
Point(s) of Diversion	NWNE	S17	T05N R04W CANYON County	Source GROUND WATER

Use: STOCKWATER 1/01 To 12/31 0.53 CFS

Use: COMMERCIAL 1/01 To 12/31 0.47 CFS

Total Diversion: 1 CFS

Date Filed: 03/12/1999

Place Of Use: COMMERCIAL

T05N R04W S8 NWSE SWSE

Place Of Use: STOCKWATER SAME AS COMMERCIAL

Remark: Water bearing zone to be appropriated is from 150 to 300 feet.
Commercial use is for a dairy

Permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec 42-203A, Idaho Code.

Any protest against the approval of this application must be filed with the Director, Dept. of Water Resource, Western Region, 2735 Airport Wy, Boise ID 83705 together with a protest fee of \$25.00 for each application on or before 11/24/2008. The protestant must also send a copy of the protest to the applicant.

DAVID R. TUTHILL, JR., Director

Published on November 6th & 13th, 2008



RECEIVED

SEP 15 2008

WATER RESOURCES
WESTERN REGION

September 12, 2008

John Westra
IDWR Western Region Office
2735 Airport Way
Boise, ID 83705

Subject: Vander Woude Application for Permit
No. 63-12510

Dear John,

Thank you for your letter dated September 3, 2008. The following is in response to the items required for IDWR's consideration in processing the above application per Idaho Code § 42-203A(5).

1. "Information evaluating the effect your proposed stockwater diversion will have on the local aquifer and on neighboring wells."

In response to Item 1, relative documentation dated February 28, 2005 has been previously submitted for application 63-12510 by Steve Hannuala with ERO Resources. Steve also submitted the same type of supporting documentation for water right 63-32102 dated April 25, 2005 that is also used for the dairy. Both documents are attached. SPF feels that this information is sufficient for response to Item 1. Please let me know if additional data is necessary.

2. "Public interest criteria related to the water resource must be addressed. Other government agencies may require permit approvals relating to public water pursuant to your project. Describe your correspondence and discussions to date with the Idaho Department of Environmental Quality (IDEQ) and the Idaho Department of Agriculture (IDA) concerning their water related permit requirements."

The Vander Woude dairy has been licensed to sell milk since 1997. IDEQ and IDA are both aware of the dairy.

Marv Patton, IDA Bureau Chief, was notified of the Vander Woude's expansion request September 11, 2008. Marv stated that IDA is kept current on dairy growth through required Nutrient Management Plans and dairy inspections. In support of this telephone conversation, attached is a letter from Marv dated April 22, 2005 that was submitted to IDWR for processing water right 63-32102.

Lauri Monnot, Water Quality Analyst with IDEQ, was notified of the Vander Woude's expansion request September 11, 2008 as indicated on the attached corresponding email.

Please let me know if further information is needed for processing application 63-12510.
Thanks John.

Sincerely,

A handwritten signature in black ink, appearing to read "Lori Graves". The signature is fluid and cursive, with the first name "Lori" and last name "Graves" clearly distinguishable.

Lori Graves
Water Rights Specialist

Cc: Bridget and George Vander Woude

Enclosures

SPF file number: 729.0010



ERO Resources Corp.
1106 N. Cole Rd. Suite C
Boise, ID 83704-8661
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eroboise@eroresources.com

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SEP 15 2008

WATER RESOURCES
WESTERN REGION

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MAR 02 2005

WATER RESOURCES
WESTERN REGION

February 28, 2005

Steve Lester
Idaho Department of Water Resources
2735 Airport Way
Boise, ID 83705

RE: Application for Permit 63-12510 for George and Bridget Vanderwoude

Dear Steve:

In March 1999, George and Bridget Vanderwoude (applicant) filed an Application for Permit (63-12510) for 1 cfs of ground water for Commercial and Stockwater uses. This Application has been on hold since.

My understanding is that one of the reasons IDWR is holding the Application is to wait for the completion of the Treasure Valley Hydrologic Project (TVHP) because the study may be useful to determine what areas in the Treasure Valley can handle new water appropriations. The TVHP is now complete, so on behalf of the George and Bridget Vanderwoude, I would like to submit supporting information for Application 63-12510 and request that processing of this Application resume.

The applicant's POD is located northeast of Parma, which according to the attached map (based on a 1988 USGS water table map), is in an area of Basin 63 that is tributary to the last few miles of the Boise River in the vicinity of the confluence with the Snake River.

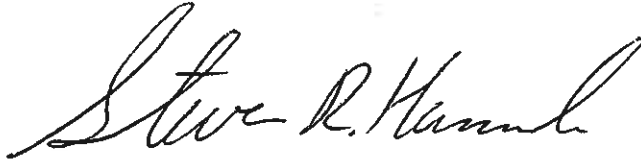
This area is within the northwestern-most boundary of the Treasure Valley Hydrologic Project (TVHP). Based on the TVHP Executive Summary, there are more than one-million acre-feet of water discharged from the valley to the Snake River every year. The applicant's POD is in the area benefitting from this supply of water. Also, the executive summary suggests that there is more capacity for ground water withdrawals in the western portion of the valley (Christian Petrich. *Treasure Valley Hydrologic Project Executive Summary*. 2004. Idaho Water Resources Research Institute. Research Report IWRRI-2004-04. page 25). Included with this letter are a number of hydrographs that show the ground water in this area has been stable. This stability indicates an adequate supply for the current demand.

Appropriating water through this Application will not affect surface water rights in the immediate area or upgradient of the Caldwell, Middleton, Star area. Historically, water rights out of the Boise River below Star are fully satisfied throughout the irrigation season because of the increase in return flows back to the River and that the canals out of the Boise are progressively smaller than those in the Boise area. Irrigators in the lower Boise River area receive a full water supply, even in drought years. Ground

water rights in the immediate area will not be injured as supported by the stable water levels and adequate supply to meet current demand.

The Applicants are in need of this water for their existing dairy operation and appropriation of the ground water sought with this Application will not injure ground water or surface water rights in the Boise River basin and therefore they request that their Application for Permit be processed in light of the supporting documentation.

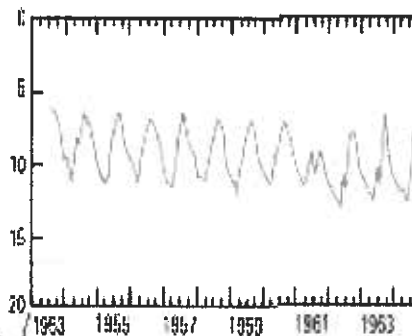
Regards,

A handwritten signature in cursive script, reading "Steve R. Hannula". The signature is written in dark ink and is positioned above the printed name.

Steven R. Hannula

cc: George and Bridget Vanderwoude

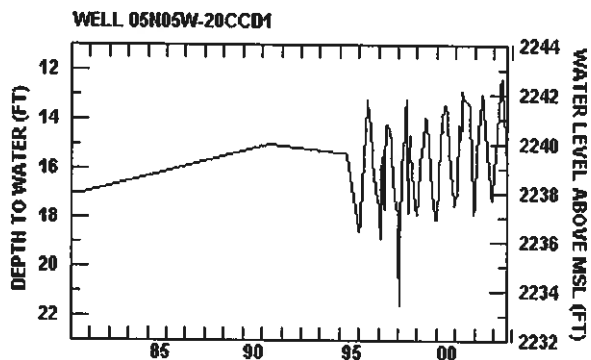
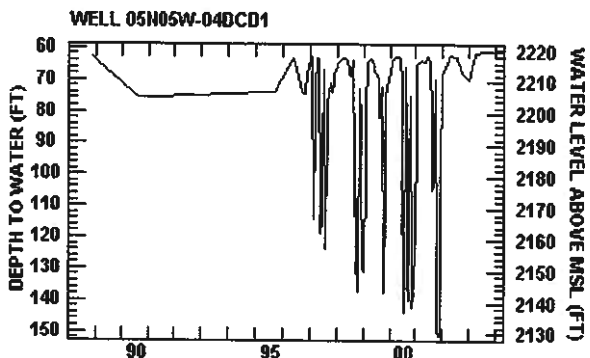
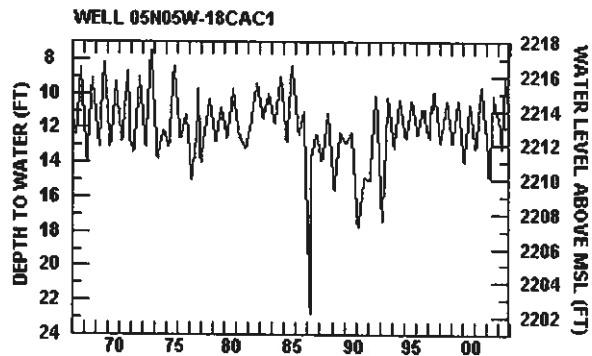
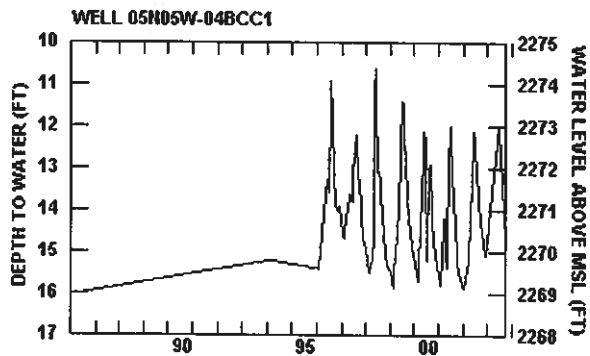
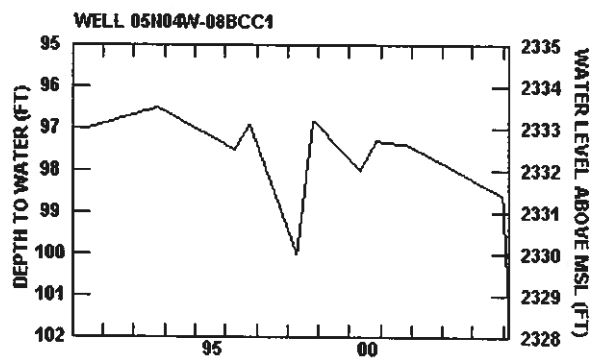
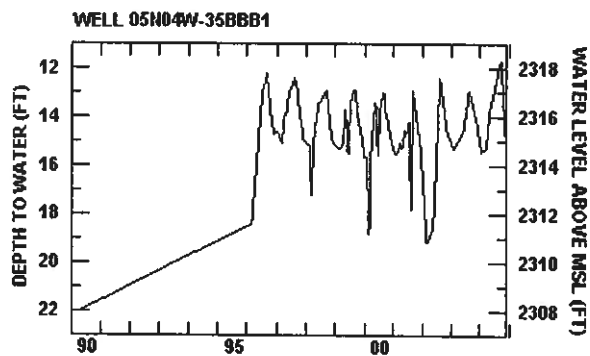
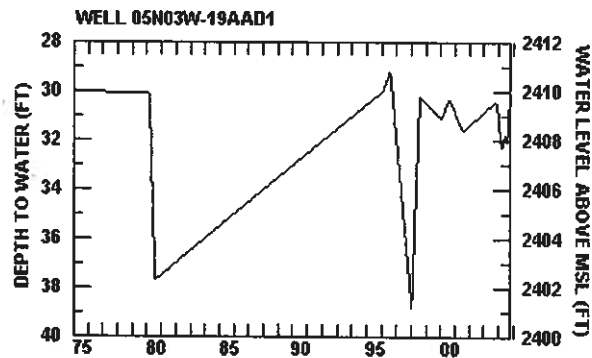
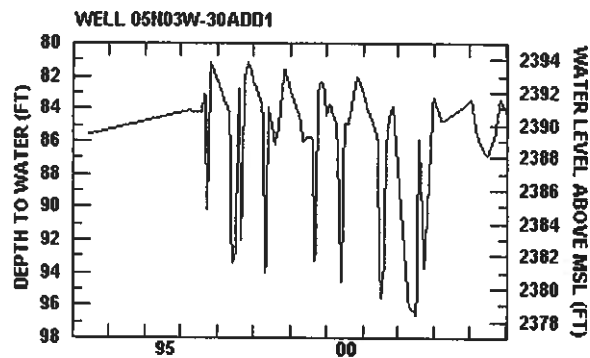
Water Level Contour Map from USGS with Vanderwoude POD Location



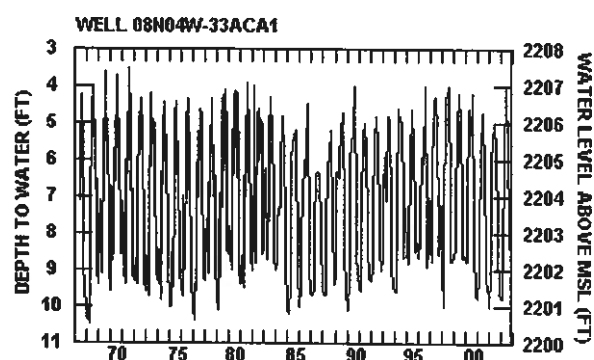
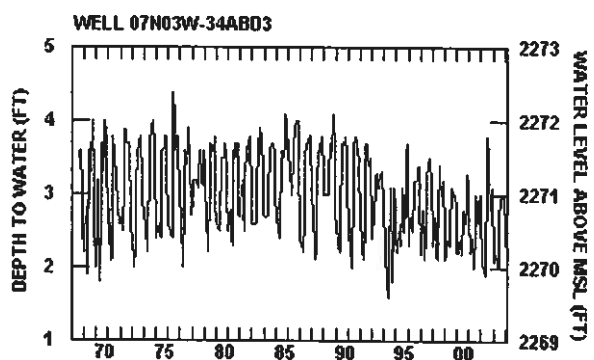
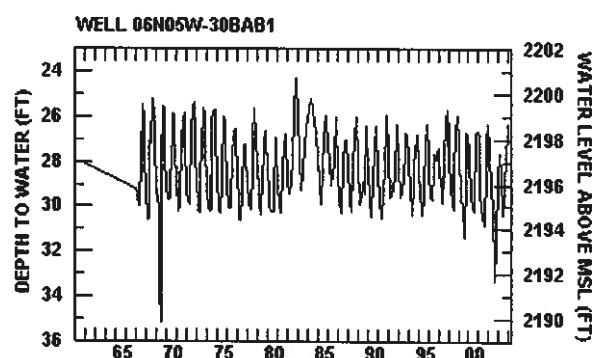
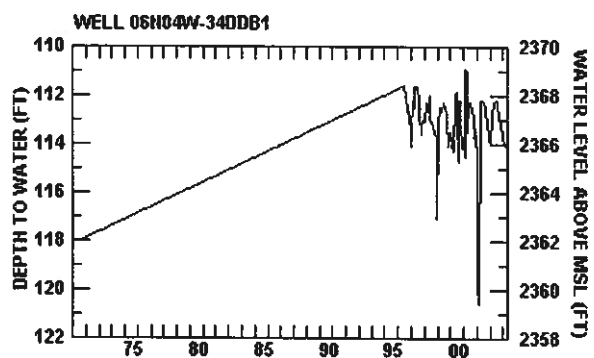
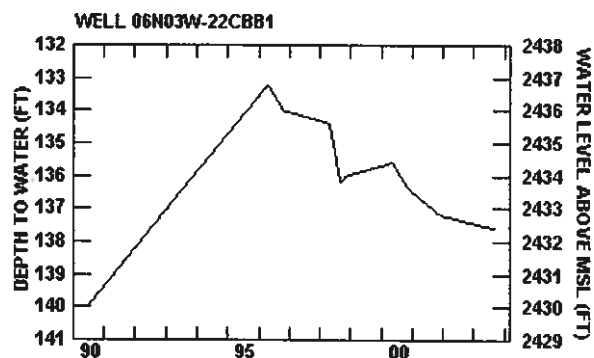
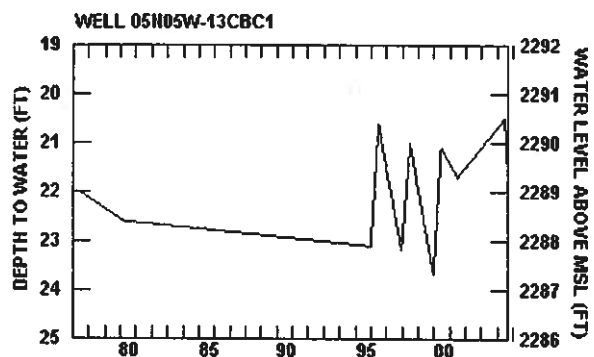
Vanderwoude POD and
Direction of Ground Water Flow

Map image from USGS, 1988, Configuration of the water table and depth to water, spring 1980, water-level fluctuations and water movement in the Snake River Plain Regional Aquifer System Idaho and Eastern Oregon, Hydrologic Investigations Atlas HA-703

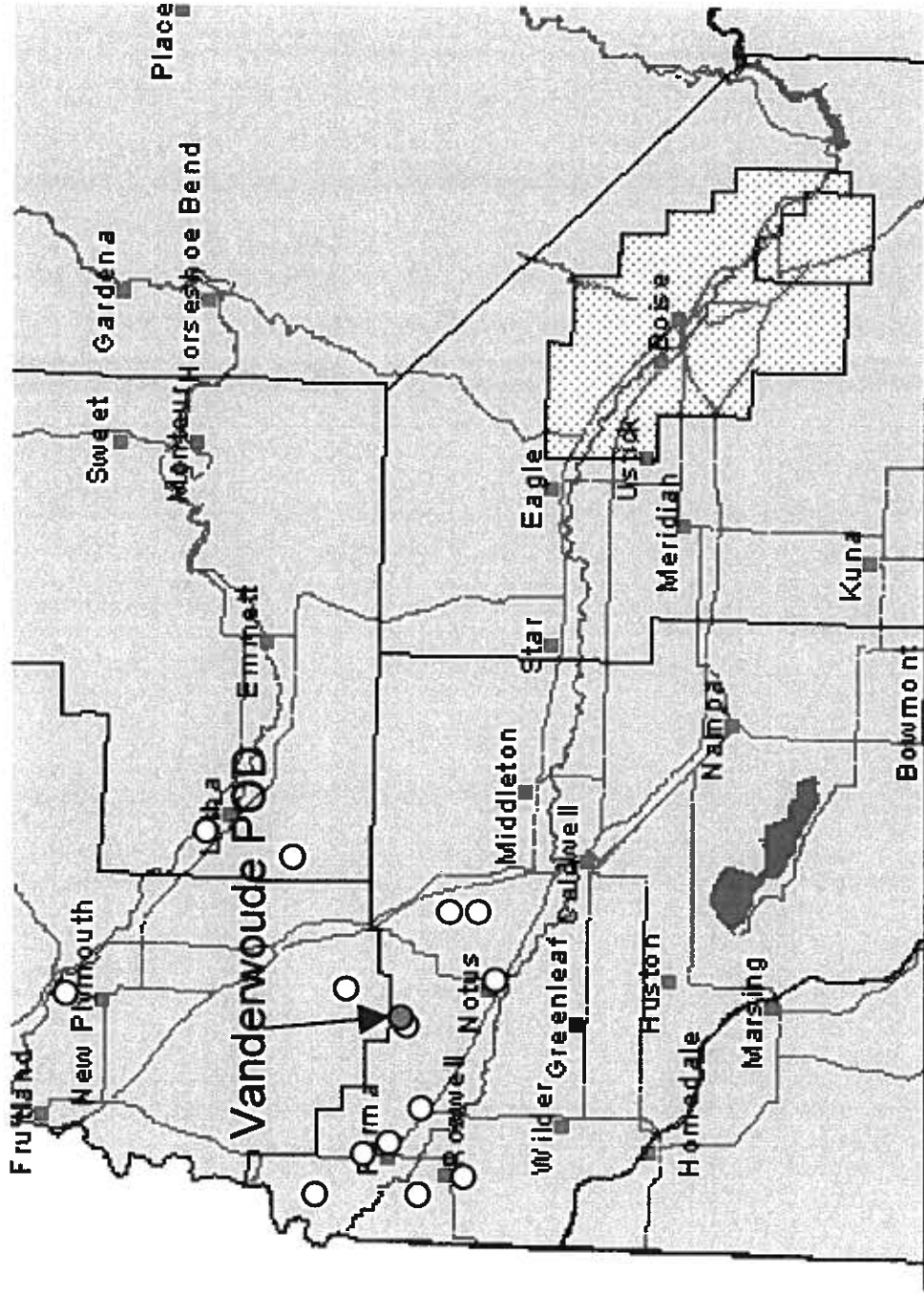
Hydrographs from Monitoring Wells near the Vanderwoude POD



Hydrographs from Monitoring Wells near the Vanderwoude POD (continued)



Map from IDWR Web Page showing the location of nearby Monitoring Wells relative to Vanderwoude POD



(near-well) or regional conditions. Additional monitoring is also warranted in these areas of apparent declines.

A number of shallow monitoring wells indicated water level increases or decreases. Shallow wells may be especially sensitive to changes in local surface water irrigation patterns in areas where the water table is not in direct hydraulic connection with surface channels. Ground water level changes are less likely in shallow wells in areas where the water table is controlled by topography (by virtue of drains and canals).

Seasonal water level fluctuations are evident in many Treasure Valley wells. The fluctuations are generally a response to seasonal increases in withdrawals (e.g., summer irrigation withdrawals) or increases in recharge associated with surface water irrigation.

4. *What is the carrying capacity of the hydrologic system in the Treasure Valley?*

The carrying capacity of the hydrologic system is difficult to determine. The ultimate carrying capacity will be influenced by the valley's population, demand for water, spatial and seasonal distribution of water demand, cost of water, and other factors. Currently more than one million acre-feet of water are discharged from the valley to the Snake River every year. Some of this water may be available for further development.

There currently appears to be more capacity for ground water withdrawals in some areas (e.g., the western portion of the valley) and less in other areas (e.g., southeast Boise). Current ground water withdrawals represent a small portion of the total amount of water used in the valley. Some of the water leaving the basin may be available for additional use. The key to using existing supplies for a growing population will include the successful negotiation of transfers of water between different water uses and users.

5. *What is the degree of hydraulic connection between Treasure Valley surface and ground water?*

There is a high degree of connection between surface water and shallow aquifers in the Treasure Valley. Water readily seeps into or out of surface channels, depending on the difference in hydraulic head between the aquifer and surface water body.

Currently, canals drain much of the central portion of the valley. As long as aquifers are in direct hydraulic connection with surface channels, increases in withdrawals from shallow aquifers, or decreases in recharge, will lead to decreases in drain discharge in these areas or increases in losses from surface channels. If aquifer levels are below surface channels, increases in withdrawals and/or decreases in shallow recharge may lead to shallow ground water level declines.



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SEP 15 2008

WATER RESOURCES
WESTERN REGION

April 25, 2005

Ms. Lori Graves
Idaho Department of Water Resources
Western Region
2735 Airport Way
Boise, Idaho 83705-5082

RE: Application for Transfer for Vanderwoude (applicant)

Dear Ms. Graves

In a letter dated April 20, 2005 regarding the Vanderwoude Application for Transfer, you requested some additional information to help you address a portion of the components of Idaho Code § 42-222 that refer to:

1) injury to other water rights, 2) enlargement of the original water right sought to be transferred, 3) is in the local public interest, 4) is consistent with the conservation of water resources in Idaho, and 5) affect on the local agricultural base.

Specifically, you asked for some supporting data for the following issues.

Injury to Other Water Users

No injury to nearby water users is anticipated if this Application for Transfer is approved. This statement is based on the following.

The Vanderwoude's dairy is located east of Parma and is within the northwestern-most boundary of the Treasure Valley Hydrologic Project (TVHP). Based on the TVHP Executive Summary, there are more than one-million acre-feet of water discharged from the valley to the Snake River every year. The applicant's POD is in the area benefiting from this supply of water. Also, the executive summary suggests that there is more capacity for ground water withdrawals in the western portion of the valley (Christian Petrich. *Treasure Valley Hydrologic Project Executive Summary*. 2004. Idaho Water Resources Research Institute. Research Report IWRRI-2004-04. page 25).

Included with this letter are a number of hydrographs that show the ground water in this area has been stable. This stability indicates an adequate supply for the current demand, which supports the conclusion of the TVHP. Ground water rights in the immediate area will not be injured as supported by the stable water levels and adequate supply to meet current demand.

This Application for Transfer will not injure surface water rights in the immediate area or upgradient of the Caldwell, Middleton, Star area. Historically, water rights out of the

Boise River below Star are fully satisfied throughout the irrigation season because of the increase in return flows back to the River and that the canals out of the Boise River are progressively smaller than those in the Boise City area. Irrigators in the lower Boise River area receive a full water supply, even in drought years.

Based on a search of IDWR's web site, there are four ground water rights within ½ mile radius of the Vanderwoude main Point Of Diversion. Three of these four are closer to the ½-mile radius. The fourth water right is located within a ¼-mile. Given the small amount of increased diversion and annual volume associated with this transfer in conjunction with the stable water levels in the area, no injury is anticipated.

Local Public Interest

The Vanderwoude's dairy is within the Idaho Department of Agriculture's jurisdiction. Marv Patten of the ISDA Dairy Bureau provided a letter dated April 22, 2005 to Lori Graves at IDWR indicating that the Vanderwoude's dairy is in current compliance.

Idaho Department of Environmental Quality's involvement with dairies is when a new dairy is proposed, in which case the IDEQ will provide a member to the sighting team, and when a known surface water or ground water quality problem occurs. This transfer involves an existing dairy, so IDEQ would not have an interest at this time. The Vanderwoudes have had no correspondence with IDEQ to date.

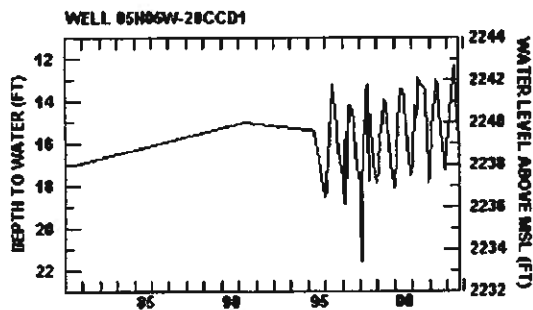
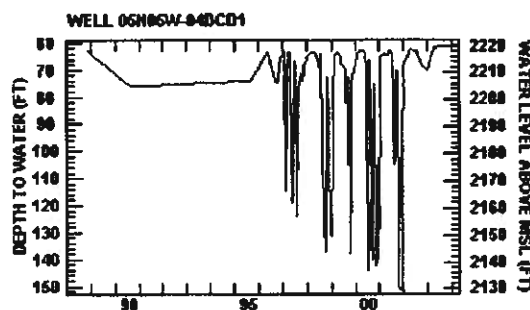
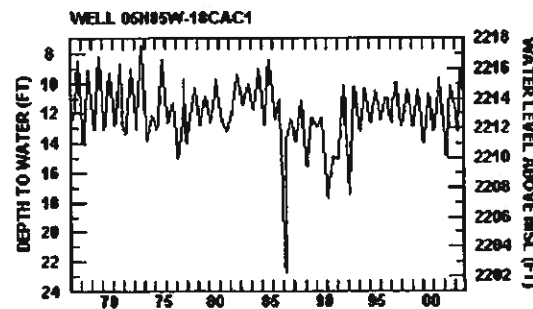
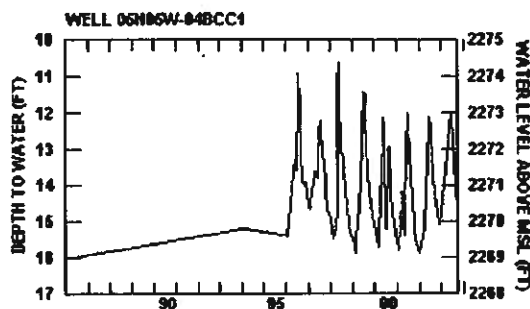
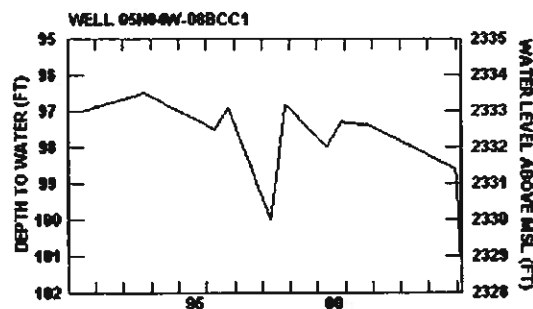
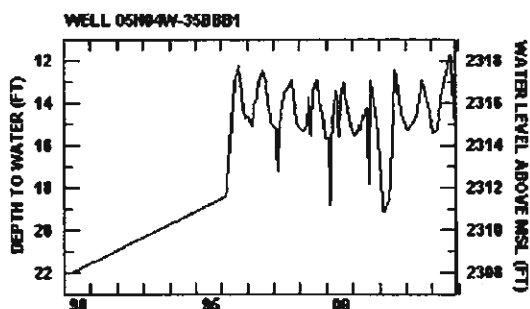
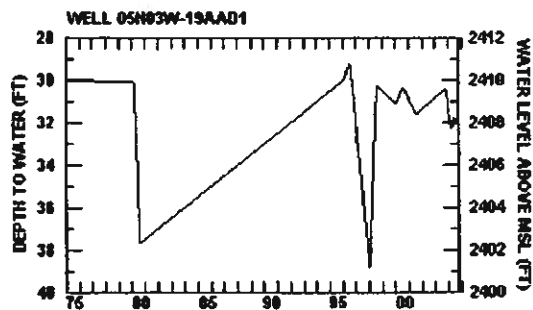
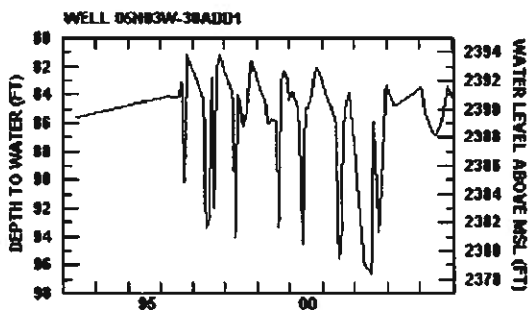
I hope that this information is sufficient for your questions. If you have other questions, or need other details, please feel free to call me.

Regards,

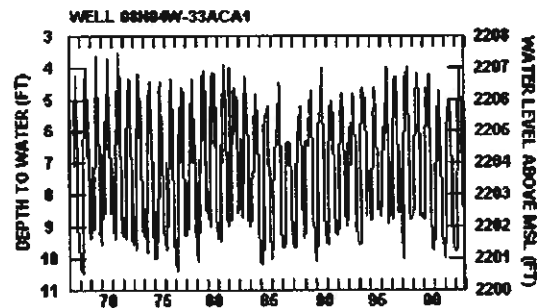
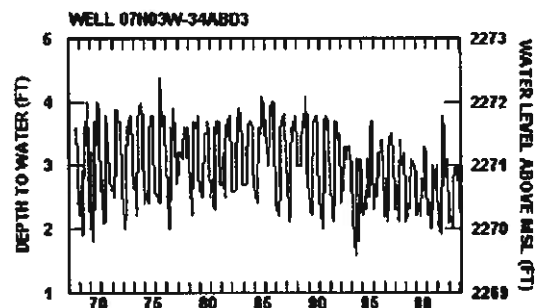
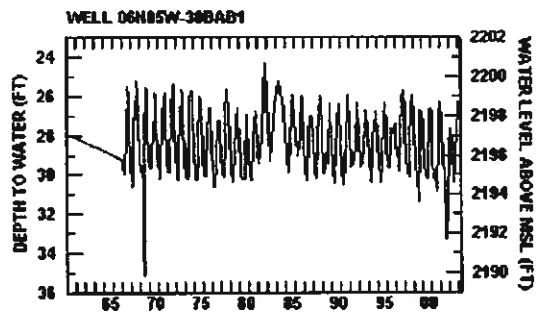
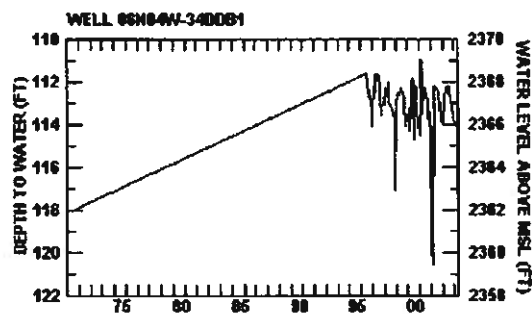
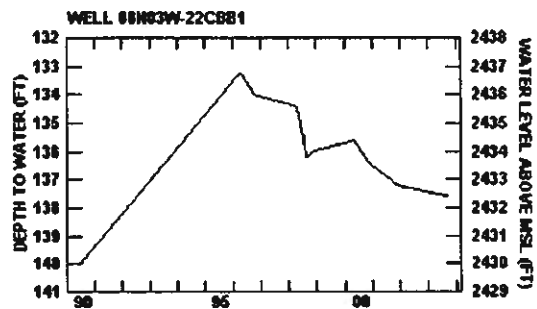
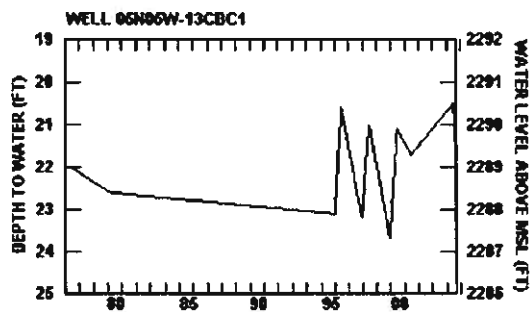


Steven R. Hannula

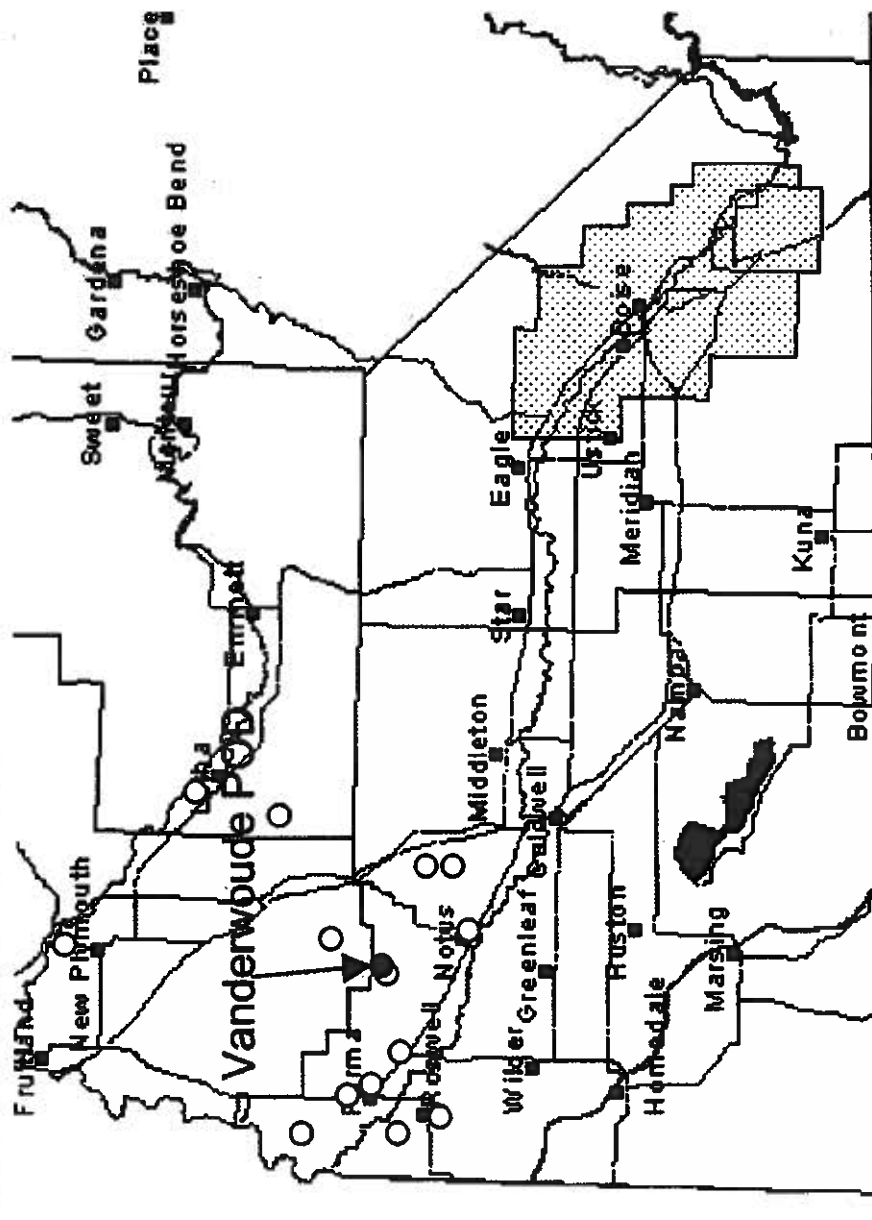
Hydrographs from Monitoring Wells near the Vanderwoude POD



Hydrographs from Monitoring Wells near the Vanderwoude POD (continued)



Map from IDWR Web Page showing the location of nearby Monitoring Wells relative to Vanderwoude POD





STATE OF IDAHO

DEPARTMENT OF AGRICULTURE

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SEP 15 2008

WATER RESOURCES
WESTERN REGION

DIRK KEMPTHORNE
Governor
PATRICK A. TAKASUGI
Director

April 22, 2005

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APR 26 2005

WATER RESOURCES
WESTERN REGION

Lori Graves
IDWR
2735 Airport Way
Boise, Id 83705

Re: Vanderwoude Dairy

Dear Ms. Graves:

The George and Bridgette Vanderwoude Dairy, 22448 Market Rd, Parma, Idaho was issued a license to sell milk at this location in September 1997. The facility is regularly inspected for sanitary and environmental compliance by the Idaho State Department of Agriculture. A review of the compliance history of this operation revealed they are in compliance with state requirements.

Please contact this office if you need additional information.

Sincerely,

A handwritten signature in cursive script that reads "Marv Patten".

Marv Patten, Chief
Dairy Bureau

cc: Steve Hannula via fax 373-7985
George & Bridgette Vanderwoude via fax 208-722-6994
Leo Peloquin, State Dairy Inspector

Lori Graves

From: Lauri.Monnot@deq.idaho.gov
Sent: Thursday, September 11, 2008 2:37 PM
To: Lori Graves
Cc: Susan.Beattie@deq.idaho.gov
Subject: RE: Vander Woudi Dairy

Lori,
I will review this with our staff and let you know if we have any questions or concerns.
Thanks,
Lauri

From: Lori Graves [mailto:LGraves@spfwater.com]
Sent: Thursday, September 11, 2008 2:31 PM
To: Lauri Monnot
Subject: Vander Woudi Dairy

Lauri,

Attached is IDWR Application No. 63-12510 for Bridget and George Vander Woude's existing dairy. IDWR requires that applicants show they have been in contact with DEQ and ISDA regarding proposals associated with dairies. Bridget and George wish to expand their dairy operation to 600 wet and 600 dry cows. Their current operation consists of 450 wet and 450 dry cows. Bridget stated in a telephone conversation 9/11/2008 that the expansion will not require facility modifications and that they will not exceed their existing permits regarding dairy discharge. Please let me know if you have any questions or need further information.
Thanks Lauri.

Lori Graves
Water Rights Specialist
300 E. Mallard, Ste 350
Boise, ID 83706
208.383.4140 x219
fax 208.383.4156
e-mail lgraves@spfwater.com
www.spfwater.com

9/11/2008



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Web Site: www.idwr.idaho.gov

September 3, 2008

C. L. "BUTCH" OTTER
Governor

DAVID R. TUTHILL, JR.
Director

Lori Graves, Water Rights Specialist
SPF Water Engineering LLC
600 E River Park Ln Suite 105
Boise ID 83706

Re: Application For Permit # 63-12510 George and Bridget Vander Woude

Dear Ms. Graves:

The amended Vander Woude application for permit has been received by our office. We will proceed with processing and public notice as resources are available. However, additional information is needed for complete evaluation of the proposal.

As you aware, the review of an application for permit, *Idaho Code* § 42-203A(5) requires IDWR to consider the following information:

(a) That it will reduce the quantity of water under existing water rights, or (b) that the water supply itself is insufficient for the purpose for which it is sought to be appropriated, or (c) where it appears to the satisfaction of the director that such application is not made in good faith, is made for delay or speculative purposes, or (d) that the applicant has not sufficient financial resources with which to complete the work involved therein, or (e) that it will conflict with the local public interest, where the local public interest is defined as the affairs of the people in the area directly affected by the proposed use, or (f) that it is contrary to conservation of water resources within the state of Idaho.

Most of the above information is satisfied by the permit application. However, the following items are needed regarding the availability of water and local public interest concerns relating to large livestock feedlot or dairy operations:

1. Information evaluating the effect your proposed stockwater diversion will have on the local aquifer and on neighboring wells. It appears that some information had been previously submitted on 02/28/05 by ERO Resources, see attached.
2. Public interest criteria related to the water resource must be addressed. Other government agencies may require permit approvals relating to public water pursuant to your project. Describe your correspondence and discussions to date with the Idaho Department of Environmental Quality and the Idaho Department of Agriculture concerning their water related permit requirements.

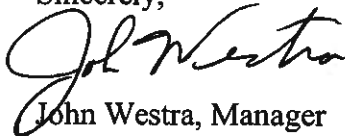
Vander Woude

Page 2

Please submit the requested information to allow final evaluation of your application to be completed. You may seek additional time to provide the information by making a written request to delay or interrupt processing. Your written response including the requested information, or a request for more time to seek the information, must be received within sixty (60) days of the date of this letter. The application will be voided without a timely reply.

IDWR forms and other information are available on the Internet at www.idwr.idaho.gov. Please contact me at 208-334-2190 if you have any questions. Thank you for your attention to this matter.

Sincerely,



John Westra, Manager
Western Region

Enclosure: Selected File contents, ERO Letter 02/28/08,

**SPF**Water Engineering, LLC
water resource consultants

RECEIVED

SEP 03 2008

WATER RESOURCES
WESTERN REGION

September 2, 2008

John Westra
IDWR Western Region Office
2735 Airport Way
Boise, ID 83705Subject: Amended "Held" Application for Permit
No. 63-12510

Dear John,

Enclosed on behalf of George and Bridget Vander Woude, is an *Amended Application for Permit* to develop a water right for their dairy. Thank you for processing this application.

Please let me know if there are any questions.

Sincerely,

Lori Graves
Water Rights Specialist

Cc: George and Bridget Vander Woude

Enclosures

SPF file number: 729.0010



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Web Site: www.idwr.idaho.gov

July 23, 2008

C. L. "BUTCH" OTTER
Governor

DAVID R. TUTHILL, JR.
Director

George and Bridget Vanderwoude
22448 Market RD
Parma ID 83660

RE: Held Application for Permit #63-12510--Filed 03/19/99

Dear Applicant:

As you aware, the above reference application for permit located in the Boise River Basin has been held by our agency since the 1990s. The Department began holding new groundwater applications for consumptive use due to prolonged drought and concerns about declining aquifer levels. As a result, the Treasure Valley Ground Water Study was initiated. The study was completed in 2002, and now provides modeling for projecting future groundwater availability in the valley. Our agency will commence processing held applications as staff resources are available.

Attached is a proof profile of your application as submitted to our agency. Please check carefully the specifics on the application. You must still have full possessory interest-ownership in the listed point of diversion and place of use land locations for processing consideration.

We are asking for you to convey your intentions regarding this application by completing the attached response form. *Please respond to the following:*

- If you desire to develop the water use, and wish our agency to complete the processing of your application, please mark the *YES* response, provide any updates/changes needed, and list the water bearing zone for the well source.

OR

-Mark the *NO* response to withdraw the application. The application will be removed from processing and our records. Our agency will not be able to provide refunds of fees for withdrawn applications.

-Sign, date, and return the response. Response forms need to returned to this office no later than 30 days of this letter date.

Should you have questions about further processing of this application, please contact Denise Buffington or John Westra at the Western Regional Office, phone 334-2190.

Sincerely,

John Westra, Manager Western Region

Enclosure: Proof Report, Response Sheet



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

FAX (208) 334-2348

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

March 23, 2005

STEVEN R HANNULA
ERO RESOURCES CORP
1106 N COLE RD STE C
BOISE ID 83704-8661

Re: Application for Permit No. 63-12510 and Application for Transfer of Right No. 63-31439 for George &/or Bridget Vanderwoude

Dear Steve:

The Vanderwoude's filed Application for Permit No. 63-12510 on March 12, 1999, for a consumptive use from ground water in the Boise River Basin (Basin 63). A plan to mitigate consumptive use did not accompany the application. Ground water for the area in question apparently flows towards the Boise River based on the water level contour map in your letter of February 28, 2005.

They also filed an Application for Transfer on September 17, 2004, to change water right no. 63-31439. Both applications propose essentially the same thing. It appears that approval of one or the other of the applications should provide adequate water rights coverage.

Your recent letter suggested Application 63-12510 should be processed based on results of the Treasure Valley Hydrologic Project (TVHP). Generally speaking, the Idaho Department of Water Resources (IDWR) administrators have directed staff not to process Basin 63 ground water applications for permit meeting the above criteria. IDWR guidelines have included out-of-priority processing of applications for permit that either (a) propose mitigation of consumptive use, or (b) propose to divert a ground water source shown to be tributary to the Snake River or Payette River.

Based on the above summary, please consider the following options for your clients.

- Provide information showing the proposed source is not tributary to the Boise River, allowing Application 63-12510 to be processed out-of-priority under current IDWR guidelines.

March 23, 2005

Page 2

- Propose to mitigate consumptive use, allowing Application 63-12510 to be processed out-of-priority under current IDWR guidelines.
- Process Application 63-12510 based on the TVHP. This should include information to show why a 1999 application for permit should be processed out-of-priority given the considerable backlog of Basin 63 consumptive use applications. I do not know if the application is approvable based on the TVHP.
- Withdraw Application 63-12510 and pursue the application for transfer. Alternately, allow Application 63-12510 to remain on hold pending policy changes from IDWR administrators while the transfer application is processed.
- Request up to one year for a delay in processing of both applications to consider the options.

Perhaps there are other options I have overlooked. Please confirm a preference for the application for permit and the application for transfer within the next thirty (30) days. Application 63-12510 will remain on hold and the transfer application will be processed if a timely written reply is not received.

Thank you for your attention to this matter.

Sincerely,



Steve Lester
Water Rights Supervisor

Copy: Lori Graves, IDWR Western Region

No reply
by 4/20/05
-SL



ERO Resources Corp.
1106 N. Cole Rd. Suite C
Boise, ID 83704-8661
(208) 373-7983
Fax: 373-7985
Denver • Boise
www.eroresources.com
eroboise@eroresources.com

RECEIVED

MAR 02 2005

WATER RESOURCES
WESTERN REGION

February 28, 2005

Steve Lester
Idaho Department of Water Resources
2735 Airport Way
Boise, ID 83705

RE: Application for Permit 63-12510 for George and Bridget Vanderwoude

Dear Steve:

In March 1999, George and Bridget Vanderwoude (applicant) filed an Application for Permit (63-12510) for 1 cfs of ground water for Commercial and Stockwater uses. This Application has been on hold since.

My understanding is that one of the reasons IDWR is holding the Application is to wait for the completion of the Treasure Valley Hydrologic Project (TVHP) because the study may be useful to determine what areas in the Treasure Valley can handle new water appropriations. The TVHP is now complete, so on behalf of the George and Bridget Vanderwoude, I would like to submit supporting information for Application 63-12510 and request that processing of this Application resume.

The applicant's POD is located northeast of Parma, which according to the attached map (based on a 1988 USGS water table map), is in an area of Basin 63 that is tributary to the last few miles of the Boise River in the vicinity of the confluence with the Snake River.

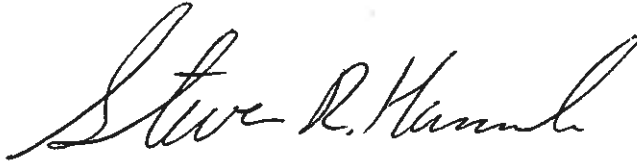
This area is within the northwestern-most boundary of the Treasure Valley Hydrologic Project (TVHP). Based on the TVHP Executive Summary, there are more than one-million acre-feet of water discharged from the valley to the Snake River every year. The applicant's POD is in the area benefitting from this supply of water. Also, the executive summary suggests that there is more capacity for ground water withdrawals in the western portion of the valley (Christian Petrich. *Treasure Valley Hydrologic Project Executive Summary*. 2004. Idaho Water Resources Research Institute. Research Report IWRRI-2004-04. page 25). Included with this letter are a number of hydrographs that show the ground water in this area has been stable. This stability indicates an adequate supply for the current demand.

Appropriating water through this Application will not affect surface water rights in the immediate area or upgradient of the Caldwell, Middleton, Star area. Historically, water rights out of the Boise River below Star are fully satisfied throughout the irrigation season because of the increase in return flows back to the River and that the canals out of the Boise are progressively smaller than those in the Boise area. Irrigators in the lower Boise River area receive a full water supply, even in drought years. Ground

water rights in the immediate area will not be injured as supported by the stable water levels and adequate supply to meet current demand.

The Applicants are in need of this water for their existing dairy operation and appropriation of the ground water sought with this Application will not injure ground water or surface water rights in the Boise River basin and therefore they request that their Application for Permit be processed in light of the supporting documentation.

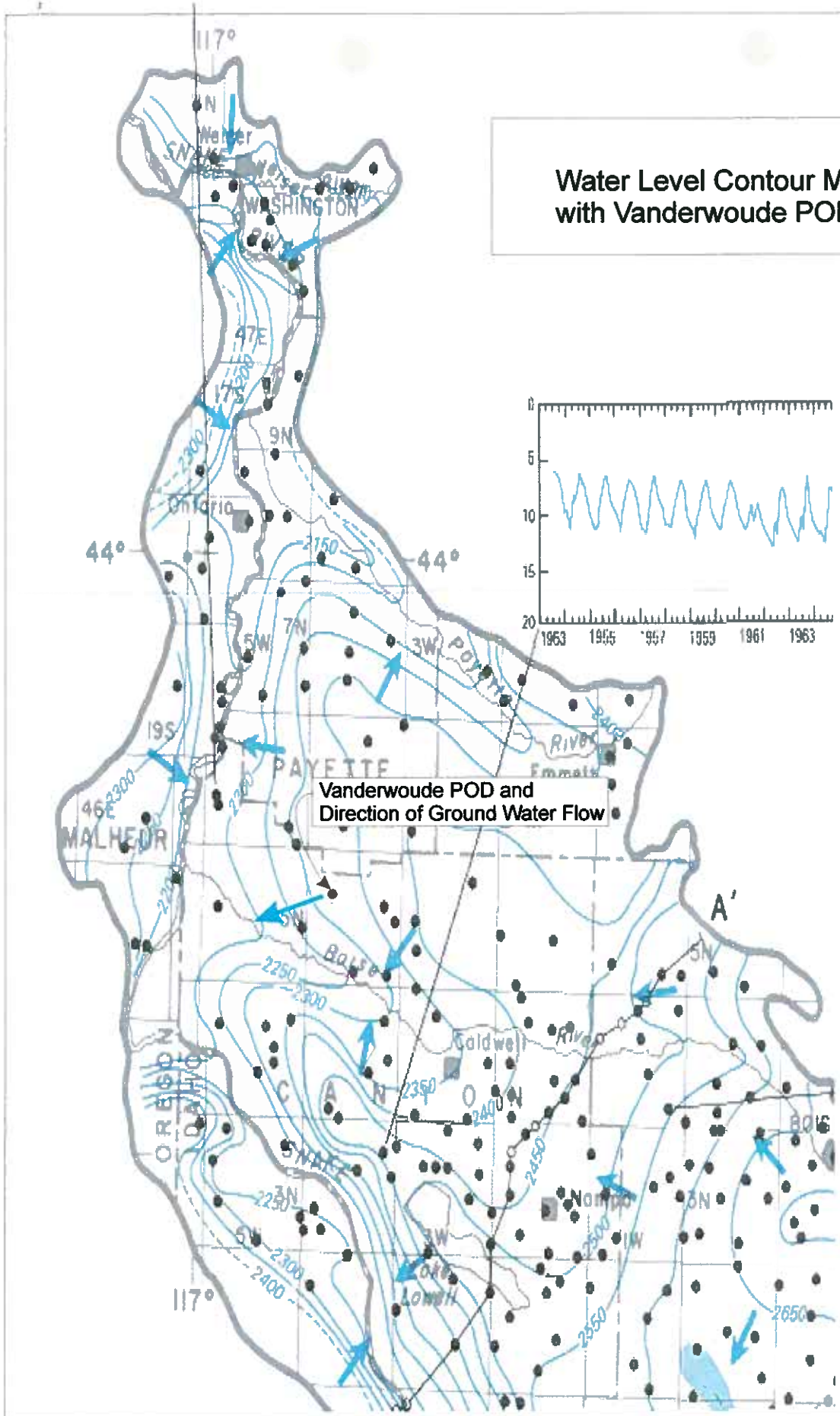
Regards,

A handwritten signature in black ink, reading "Steve R. Hannula". The signature is fluid and cursive, with the first name "Steve" being more prominent than the last name "Hannula".

Steven R. Hannula

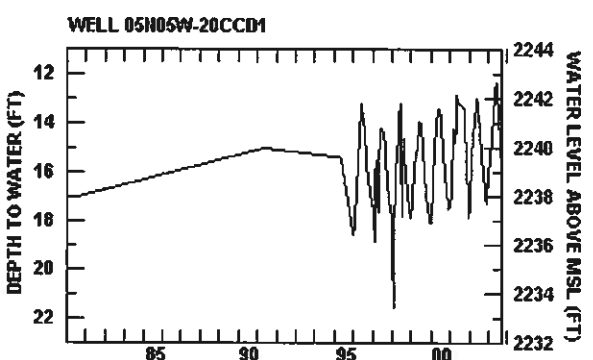
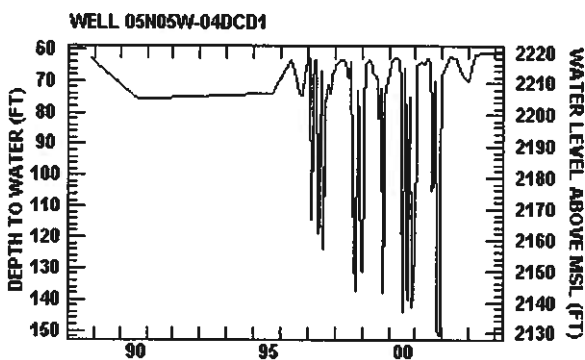
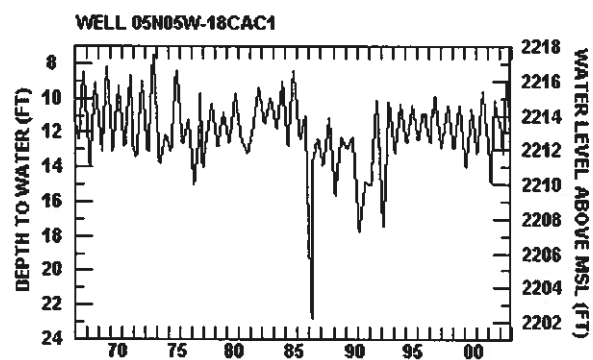
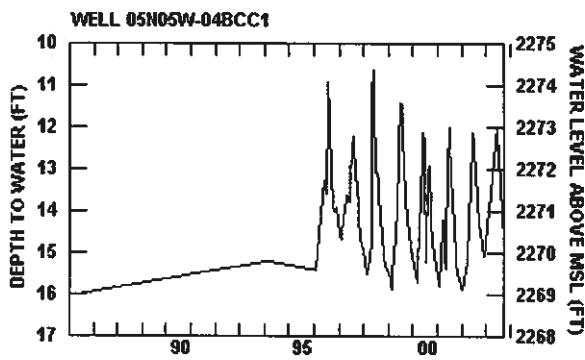
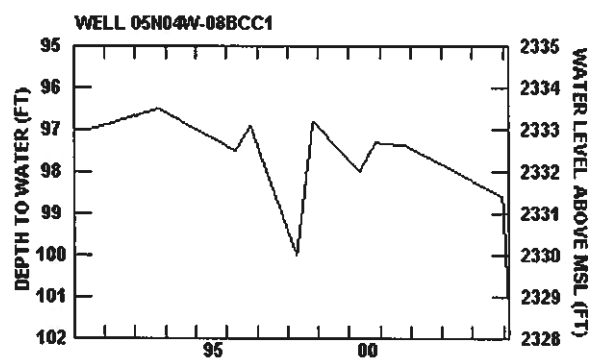
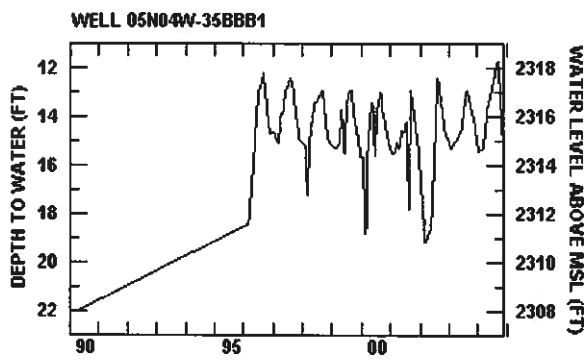
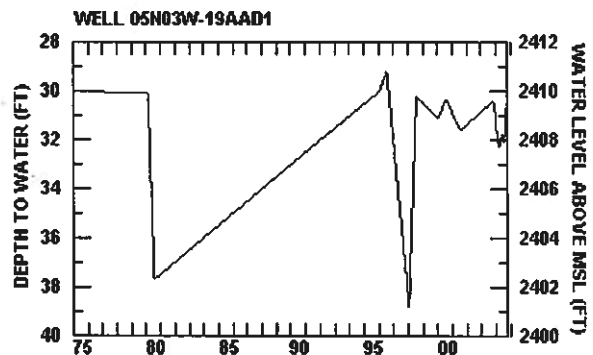
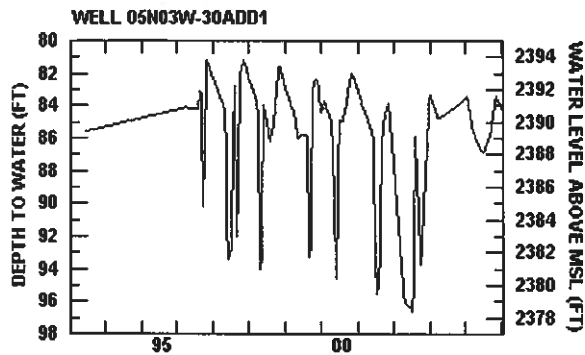
cc: George and Bridget Vanderwoude

Water Level Contour Map from USGS with Vanderwoude POD Location

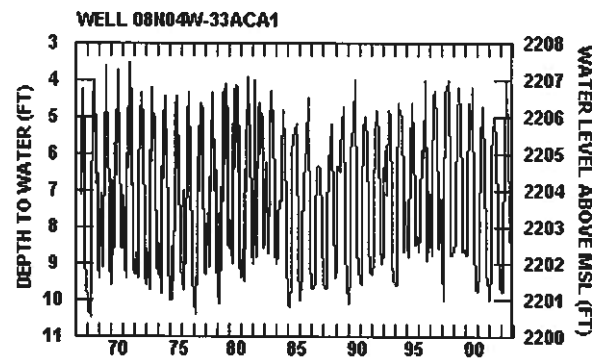
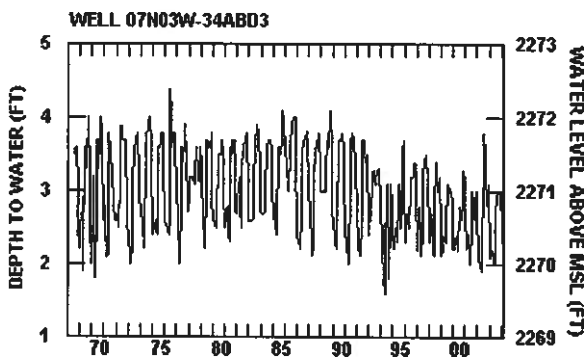
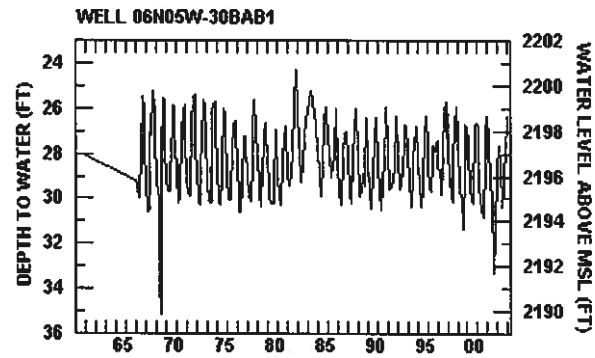
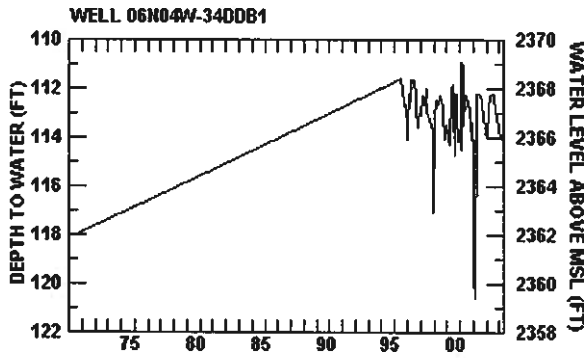
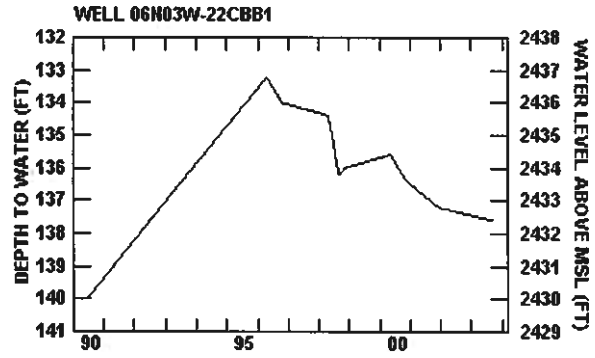
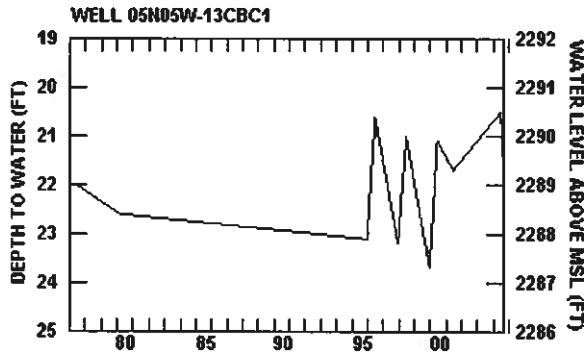


Map image from USGS, 1988, Configuration of the water table and depth to water, spring 1980, water-level fluctuations and water movement in the Snake River Plain Regional Aquifer System Idaho and Eastern Oregon, Hydrologic Investigations Atlas HA-703

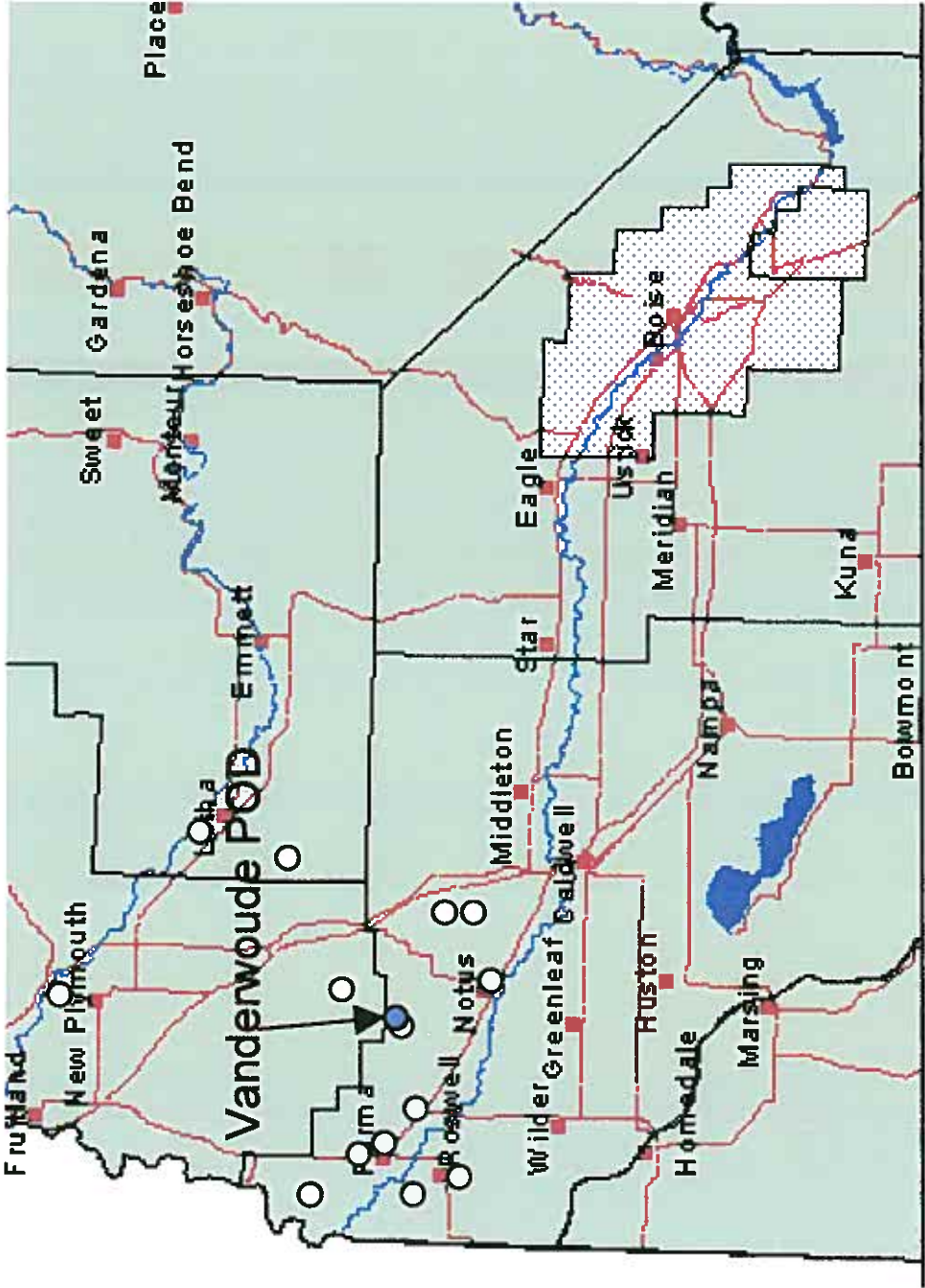
Hydrographs from Monitoring Wells near the Vanderwoude POD



Hydrographs from Monitoring Wells near the Vanderwoude POD (continued)



Map from IDWR Web Page showing the location of nearby Monitoring Wells relative to Vanderwoude POD



(near-well) or regional conditions. Additional monitoring is also warranted in these areas of apparent declines.

A number of shallow monitoring wells indicated water level increases or decreases. Shallow wells may be especially sensitive to changes in local surface water irrigation patterns in areas where the water table is not in direct hydraulic connection with surface channels. Ground water level changes are less likely in shallow wells in areas where the water table is controlled by topography (by virtue of drains and canals).

Seasonal water level fluctuations are evident in many Treasure Valley wells. The fluctuations are generally a response to seasonal increases in withdrawals (e.g., summer irrigation withdrawals) or increases in recharge associated with surface water irrigation.

4. *What is the carrying capacity of the hydrologic system in the Treasure Valley?*

The carrying capacity of the hydrologic system is difficult to determine. The ultimate carrying capacity will be influenced by the valley's population, demand for water, spatial and seasonal distribution of water demand, cost of water, and other factors. Currently more than one million acre-feet of water are discharged from the valley to the Snake River every year. Some of this water may be available for further development.

There currently appears to be more capacity for ground water withdrawals in some areas (e.g., the western portion of the valley) and less in other areas (e.g., southeast Boise). Current ground water withdrawals represent a small portion of the total amount of water used in the valley. Some of the water leaving the basin may be available for additional use. The key to using existing supplies for a growing population will include the successful negotiation of transfers of water between different water uses and users.

5. *What is the degree of hydraulic connection between Treasure Valley surface and ground water?*

There is a high degree of connection between surface water and shallow aquifers in the Treasure Valley. Water readily seeps into or out of surface channels, depending on the difference in hydraulic head between the aquifer and surface water body.

Currently, canals drain much of the central portion of the valley. As long as aquifers are in direct hydraulic connection with surface channels, increases in withdrawals from shallow aquifers, or decreases in recharge, will lead to decreases in drain discharge in these areas or increases in losses from surface channels. If aquifer levels are below surface channels, increases in withdrawals and/or decreases in shallow recharge may lead to shallow ground water level declines.

TREASURE VALLEY HYDROLOGIC PROJECT EXECUTIVE SUMMARY

Prepared by

Christian R. Petrich
Idaho Water Resources Research Institute

Prepared for and in cooperation with the

Idaho Department of Water Resources
1301 North Orchard Street
Boise, Idaho 83706-2237

Idaho Water Resources Research Institute
Research Report IWRI-2004-04

February 2004



University of Idaho





State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

FAX (208) 334-2348

April 6, 1999

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

George and Bridget Vanderwoude
22448 Market Rd
Parma ID 83660

RE: APPLICATION FOR PERMIT NO. 63-12510

Dear Applicants:

Your application for permit to appropriate ground water for a consumptive use was received on 3/12/1999. Processing of the application must be delayed.

Due to continued drought and to protect existing water rights and water supplies, the Director of this agency declared a moratorium on May 15, 1992 concerning water right applications proposing new consumptive uses of public water, regardless of source. The moratorium was lifted in May 1995, but application processing was subsequently suspended until technical data are available from the Treasure Valley Hydrologic Study now underway.

This office will hold your application and will resume processing as soon as possible based on the above considerations. Applications received will be processed in priority order. Delays related to department actions do not affect the date of priority or seniority of an application.

Please contact me at 334-2190 if you have any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Lori Graves'.

Lori Graves
Water Rights Agent

REQUEST TO PROCESS

COMPLETE REQUEST IF YOU WANT YOUR APPLICATION TO BE PROCESSED USING ONE OF THE
THREE ALTERNATIVES BELOW

Name of Applicant

George Vanderwoude

Mailing Address

22418 Market Rd.

Parma ID. 83660

Application No.
(if known)

63-12510

 IN LOCAL PUBLIC INTEREST

Yes, I want my application processed and before it is advertised, I will amend my application to demonstrate that the proposed appropriation is in the local public interest including the need to preserve flows in the Snake River during the migration periods of anadromous fish.

 PROPOSE MITIGATION NOW

Yes, I want my application processed and before it is advertised, I will amend my application to include proposed mitigation to offset anticipated depletions in the Snake River during periods of anadromous fish migration.

X WILL AGREE TO MITIGATION IN THE FUTURE IF NECESSARY

Yes, I want my application processed at this time, and I will accept a condition of approval that will require mitigation should the Director of the Idaho Department of Water Resources determine that mitigation is necessary to offset depletions from this appropriation to flows in the Snake River during periods of anadromous fish migration. I understand that mitigation is not required now but may be needed in the future. I also understand that the Director will not require mitigation until I have an opportunity to review the process by which the need for mitigation is established and the amount of water required is quantified.

Signature

George Vanderwoude

Date

3-12-99

Please return this form to:

Idaho Dept. of Water Resources
Western Regional Office
2735 Airport Way
Boise, ID 83705-5082

CONVERSATION MEMORANDUM

DATE 3/12/99
FILE 63-12510

NAME OF PARTY Van der Monde's
EMPLOYEE JZ

RE: NEW WELL -

Applicant may seek to add new well under domestic exemption - that use is filed on with SRBA claim filed today (no claim # yet).

Eventually, both wells may be used in expanded dairy operation, so appl. 63-12510 was filed today.

If new well is added under dom. use (\$75 well), applicant is aware that add'l. w.d. fee of \$125 would be needed once new appl. for permit can be processed.

At this time, 2nd well is only needed for back up purposes & exempted D/I - dairy operation. The second well, although exempted is therefore only \$75, may need to be added to SRBA claim with a transfer - delayed resulting that issue since current use within 42-111.