

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Transfer No. 82744

MINIMUM REQUIREMENTS CHECKLIST

TO BE SUBMITTED WITH APPLICATION FOR TRANSFER

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, Part 2A reports and additional Part 2B forms are available from any Department office or on the Department's website at www.idwr.idaho.gov.

Name of Applicant(s) Pancheri Brothers LLC

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

Yes N/A * Means the item is always required 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 Part 2A report describing each water right in the transfer as currently recorded.
- ☐ ☒ Complete and attach an Application for Transfer Part 2B for each water right for which only a portion 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 #1-10.

- ☐ ☒ #1 If the applicant is a business, partnership, organization, or association, and not 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 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). **
** Additional fee(s) required for water right ownership changes; see fee schedule.
- ☐ ☒ #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 www.idwr.idaho.gov/WaterManagement/WaterRights/WaterRightTransfers/resources.htm.
- ☐ ☒ #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. If some or all of any right is leased to the Water Supply Bank, you must also show the the specific location and/or acres to be idled at the new, proposed place of use to satisfy lease requirements.
- ☐ ☒ #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.) Additional fee required for proposed changes to nature of use; see fee schedule.
- ☐ ☒ #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 Water Supply Bank information for all rights proposed for transfer and currently leased to the Bank. (Attachment WSB)
- ☐ ☐ #10 Other. Please describe: _____

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES**

**APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1**

Name of Applicant(s) Pancheri Brothers LLC Phone 208-767-3419
Mailing address 1460 Hwy 33, Howe, ID 83244 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 Representative

Name of Representative Rocky Mountain Environmental Assoc., Inc Phone 208-524-2353
Mailing address 482 Constitution Way Ste 303, Idaho Falls, ID 83402 Email kristin.rmea@gmail.com

- ☐ Send all correspondence for this application to the representative and not to 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.

 Rod Pancheri, Member 9-28-18
Signature of Applicant or Authorized Representative Print Name and Title if applicable Date

Signature of Applicant or Authorized Representative Print Name and Title if applicable Date

A. PURPOSE OF TRANSFER

- ☒ Change point of diversion ☐ Add diversion point(s) ☒ Change place of use
☐ Change nature of use ☐ Change period of use ☐ Other _____
- 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 it **Part 1A.2**.
Applicant proposes to transfer acres under end guns and wheel lines from one farm to another for use under a pivot irrigation system.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

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 ☐ ☒	33-2138	0.49 cfs	Irrigation	04/01 to 11/01	Ground Water
☐ ☒	33-7040	0.83 cfs	Irrigation	04/01 to 11/01	Ground Water
☐ ☒	33-7172	0.13 cfs	Irrigation	04/01 to 11/01	Ground Water
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	

Total authorized under rights 1.37 cfs and/or _____ acre-feet.

2. Total amount of water proposed to be transferred or changed 1.37 cubic feet per second and/or _____ acre-feet per year.

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	¼	¼	¼	Sec	Twp	Rge	County	Source	Local name or tag #
Y			NE	NW	30	6N	30E	BUTTE	Ground Water	
N			NW	NW	30	6N	30E	BUTTE	Ground Water	
N		SW	NW	SE	24	6N	29E	BUTTE	Ground Water	
N		NW	NE	NE	24	6N	29E	BUTTE	Ground Water	
N	4	SW	SW		19	6N	30E	BUTTE	Ground Water	

4. Place of use: (If irrigation, identify with number of acres irrigated per ¼ ¼ tract.)

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

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Acre Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
6N	30E	19					30.2	16.1		25.9									72.2
Total Acres (for irrigation use)																			72.2

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

**APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued**

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:

Four existing wells and one proposed well to be connected to mainline and pivot irrigation system.

- b. Who owns the property at the point(s) of diversion? Applicant

If other than the applicant, describe the arrangement enabling the applicant to access the property for the diversion system:

- 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: _____

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 of legal encumbrance on this application may result in rejection of the application or cancellation of an approval.

- d. Are any of the water rights proposed for transfer currently leased to the Water Supply Bank?

If yes, ☐ complete Attachment WSB.

- e. Describe the effect on the land now irrigated if the place or purpose of use is changed pursuant to this transfer:

Acres currently irrigated will be retired from irrigation under the ground water right. End guns and wheel lines will be removed.

- f. 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) use:

Water rights 33-2115 and 33-14852 pertain to a PPU that overlaps the proposed place of use and shares the same proposed wells. The irrigated acres of existing ground water rights will not be stacked on the same acres as those proposed to be transferred.

- g. 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:

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

9/25/2018

WATER RIGHT NO. 33-2138

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	PANCHERI BROTHERS LLC 1460 HWY 33 HOWE, ID 83244 2087673419

Priority Date: 03/03/1959
Basis: Decreed
Status: Active

<u>Source</u>	<u>Tributary</u>
GROUND WATER	

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/01	11/01	3.12 CFS	546 AFA
Total Diversion			3.12 CFS	

Location of Point(s) of Diversion:

GROUND WATER	NWSWNW	Sec. 01	Township 06N	Range 28E	BUTTE County
GROUND WATER	NWSWNW	Sec. 01	Township 06N	Range 28E	BUTTE County

IRRIGATION Use:
Acre Limit: 156

Place(s) of use:

Place of Use Legal Description: IRRIGATION BUTTE County

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Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
06N	28E	1		SWNW	35		SENW	32.4						
				NESW	38.4		NWSW	32.6		SESW	33.8			
				NWSE	11.9		SWSE	39.4		SESE	23.9			
		12		NENE	40		NWNE	40		SWNE	40		SENE	25.5
				NENW	40		SENW	26.1						

Total Acres: 459

Conditions of Approval:

1. X27 This right is limited to the irrigation of 156 acres within the authorized place of use in a single irrigation season.
2. X35 Rights 33-2138 and 33-7040 when combined shall not exceed a total diversion rate of 7.90 cfs, a total annual maximum diversion volume of 1466.5 af, and the irrigation of 419 acres.
3. X35 Rights 33-2138, 33-7040 and 33-7172 when combined shall not exceed a total diversion rate of 8.70 cfs, a total annual maximum diversion volume of 1606.5 af, and the irrigation of 459 acres.
4. 214 Prior to the diversion and use of water under Transfer approval 77784, the right holder shall install and maintain acceptable measuring device(s) at the authorized point(s) of diversion 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.
5. 213 Upon specific notification of the Department, the right holder shall install and maintain data loggers to record water usage information at the authorized points of diversion in accordance with Department specifications.
6. T07 The right holder shall accomplish the change authorized by this transfer within one year of the date of this approval.
7. T08 Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
8. T19 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.

Dates:

Licensed Date:

Decreed Date: 08/11/2000

Permit Proof Due Date:

Permit Proof Made Date:

Permit Approved Date:

Permit Moratorium Expiration Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Water Supply Bank Enrollment Date Accepted:

Water Supply Bank Enrollment Date Removed:

Application Received Date:

Protest Deadline Date:

Number of Protests: 0

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Other Information:

State or Federal: S

Owner Name Connector:

Water District Number: 33

Generic Max Rate per Acre: 0.02

Generic Max Volume per Acre: 3.5

Combined Acres Limit: 419

Combined Volume Limit: 1466.5

Combined Rate Limit: 7.9

Civil Case Number:

Old Case Number:

Decree Plaintiff:

Decree Defendant:

Swan Falls Trust or Nontrust: T

Swan Falls Dismissed:

DLE Act Number:

Cary Act Number:

Mitigation Plan: False

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IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

9/25/2018

WATER RIGHT NO. 33-7040

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	PANCHERI BROTHERS LLC 1460 HWY 33 HOWE, ID 83244 2087673419

Priority Date: 10/16/1975
Basis: Decreed
Status: Active

<u>Source</u>	<u>Tributary</u>
GROUND WATER	

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/01	11/01	5.26 CFS	920.5 AFA
Total Diversion			5.26 CFS	

Location of Point(s) of Diversion:

GROUND WATER	NWSWNW	Sec. 01	Township 06N	Range 28E	BUTTE County
GROUND WATER	NWSWNW	Sec. 01	Township 06N	Range 28E	BUTTE County

IRRIGATION Use:
Acre Limit: 263

Place(s) of use:

Place of Use Legal Description: IRRIGATION BUTTE County

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<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>
06N	28E	1		SWNW	35		SENW	32.4						
				NESW	38.4		NWSW	32.6		SESW	33.8			
				NWSE	11.9		SWSE	39.4		SESE	23.9			
		12		NENE	40		NWNE	40		SWNE	40		SENE	25.5
				NENW	40		SENW	26.1						

Total Acres: 459

Conditions of Approval:

1. X27 This right is limited to the irrigation of 263 acres within the authorized place of use in a single irrigation season.
2. X35 Rights 33-7040 and 33-2138 when combined shall not exceed a total diversion rate of 7.90 cfs, a total annual maximum diversion volume of 1466.5 af, and the irrigation of 419 acres.
3. X35 Rights 33-7040, 33-7172 and 33-2138 when combined shall not exceed a total diversion rate of 8.70 cfs, a total annual maximum diversion volume of 1606.5 af, and the irrigation of 459 acres.
4. 214 Prior to the diversion and use of water under Transfer approval 77784, the right holder shall install and maintain acceptable measuring device(s) at the authorized point(s) of diversion 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.
5. 213 Upon specific notification of the Department, the right holder shall install and maintain data loggers to record water usage information at the authorized points of diversion in accordance with Department specifications.
6. T07 The right holder shall accomplish the change authorized by this transfer within one year of the date of this approval.
7. T08 Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
8. T19 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.

Dates:

Licensed Date:

Decreed Date: 08/11/2000

Permit Proof Due Date: 11/1/1980

Permit Proof Made Date: 10/14/1980

Permit Approved Date: 11/25/1975

Permit Moratorium Expiration Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Water Supply Bank Enrollment Date Accepted:

Water Supply Bank Enrollment Date Removed:

Application Received Date: 10/16/1975

Protest Deadline Date:

Number of Protests: 0

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Other Information:

State or Federal: S

Owner Name Connector:

Water District Number:

Generic Max Rate per Acre: 0.02

Generic Max Volume per Acre: 3.5

Combined Acres Limit: 419

Combined Volume Limit: 1466.5

Combined Rate Limit: 7.9

Civil Case Number:

Old Case Number:

Decree Plaintiff:

Decree Defendant:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

DLE Act Number:

Cary Act Number:

Mitigation Plan: False

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IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

9/25/2018

WATER RIGHT NO. 33-7172

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	PANCHERI BROTHERS LLC 1460 HWY 33 HOWE, ID 83244 2087673419

Priority Date: 04/02/1985
Basis: Decreed
Status: Active

<u>Source</u>	<u>Tributary</u>
GROUND WATER	

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/01	11/01	0.8 CFS	
Total Diversion			0.8 CFS	

Location of Point(s) of Diversion:

GROUND WATER	NWSWNW	Sec. 01	Township 06N	Range 28E	BUTTE County
GROUND WATER	NWSWNW	Sec. 01	Township 06N	Range 28E	BUTTE County

IRRIGATION Use:
Acre Limit: 40

Place(s) of use:

Place of Use Legal Description: IRRIGATION BUTTE County

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Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
06N	28E	1		SWNW	35		SENW	32.4						
				NESW	38.4		NWSW	32.6		SESW	33.8			
				NWSE	11.9		SWSE	39.4		SESE	23.9			
		12		NENE	40		NWNE	40		SWNE	40		SENE	25.5
				NENW	40		SENW	26.1						

Total Acres: 459

Conditions of Approval:

1. X27 This right is limited to the irrigation of 40 acres within the authorized place of use in a single irrigation season.
2. X35 Rights 33-7172, 33-7040 and 33-2138 when combined shall not exceed a total diversion rate of 8.70 cfs, a total annual maximum diversion volume of 1606.5 af, and the irrigation of 459 acres.
3. 214 Prior to the diversion and use of water under Transfer approval 77784, the right holder shall install and maintain acceptable measuring device(s) at the authorized point(s) of diversion 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.
4. 213 Upon specific notification of the Department, the right holder shall install and maintain data loggers to record water usage information at the authorized points of diversion in accordance with Department specifications.
5. T07 The right holder shall accomplish the change authorized by this transfer within one year of the date of this approval.
6. T08 Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
7. T19 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.

Dates:

Licensed Date:

Decreed Date: 08/11/2000

Permit Proof Due Date: 10/1/1993

Permit Proof Made Date: 11/9/1992

Permit Approved Date: 10/4/1990

Permit Moratorium Expiration Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Water Supply Bank Enrollment Date Accepted:

Water Supply Bank Enrollment Date Removed:

Application Received Date: 04/02/1985

Protest Deadline Date:

Number of Protests: 0

Other Information:

State or Federal: S

Owner Name Connector:

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Water District Number:
Generic Max Rate per Acre: 0.02
Generic Max Volume per Acre: 3.5
Combined Acres Limit: 459
Combined Volume Limit: 1606.5
Combined Rate Limit: 8.7
Civil Case Number:
Old Case Number:
Decree Plaintiff:
Decree Defendant:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False

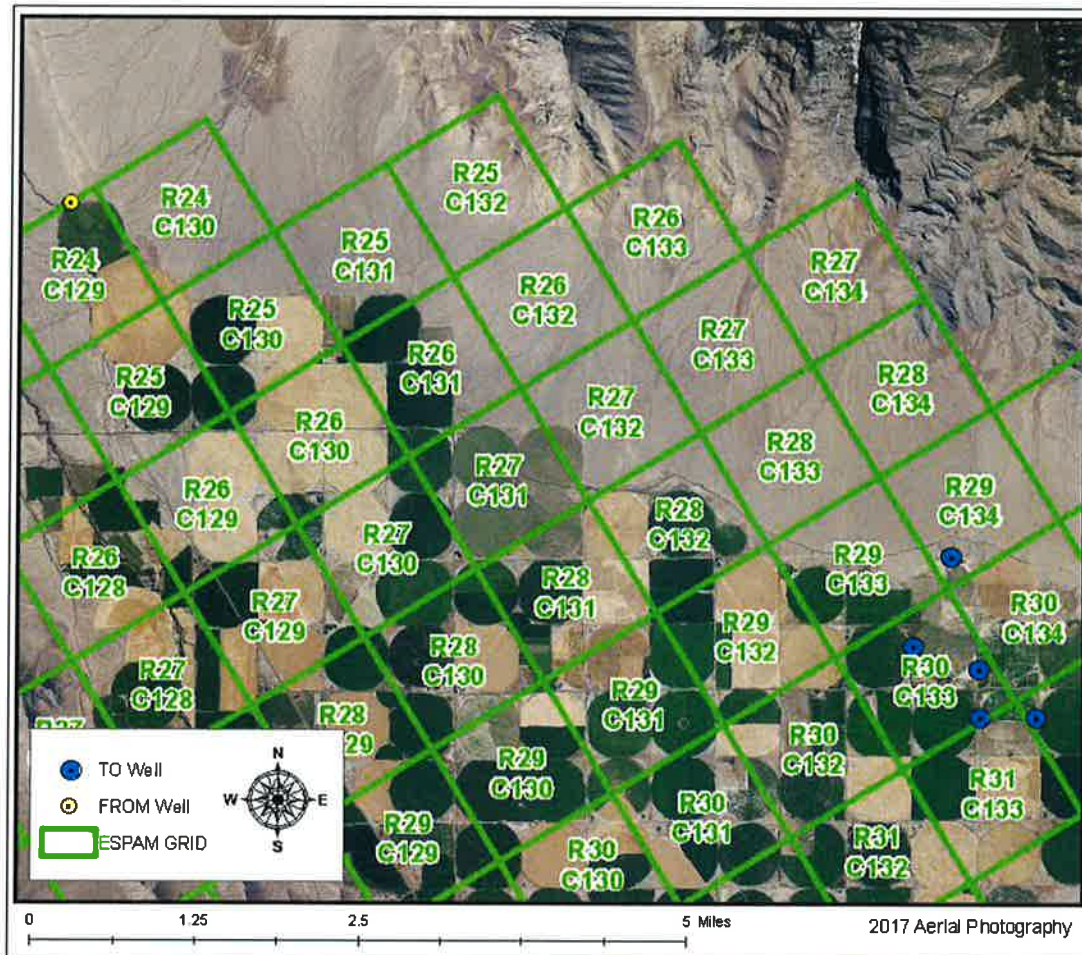
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Eastern Snake Plain Aquifer Modeling Analysis

The Applicant proposes to transfer 72.2 acres and 252.7 afa. The FROM wells straddle the model boundary line, but are represented in this modeling analysis as both pertaining to R24 C129. The TO wells include multiple well locations. For modeling purposes, a weighted centroid of the existing wells places the well center in Row 30 Column 133. See Figure 1 for a map of the well locations on the model grid.

Figure 1. Map of Well Locations



Model inputs were based on 3.5 afa/ac for 72.2 acres ($72.2 \text{ ac} \times 3.5 \text{ afa/ac} = 252.7 \text{ afa}$), proportionately split among the three water rights to be transferred. Table 1 below shows the model inputs.

Table 1. Model Inputs

Water Right	Priority	afa	af/tri	Cumulative af/tri
33-2138	SPR 1959	85.9	28.6	28.6
33-7040	SUM 1975	144.8	48.3	76.9
33-7172	SPR 1985	22.0	7.3	84.2

Model results show all affects are below 2 af/trimester per reach. Figures 2-4 include excerpts from the ESPAM 2.1 simulation.

Figure 2. Data Entry

ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE IDAHO DEPARTMENT OF AGRICULTURE

Cells this color are set up for user entries

ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON

TRANSFER NO: 33-2138 et al

YEAR: 1959

SEASON: SPRING

TRANSFER NAME: Pancheri Bros.

UPDATE DATES RUN MODEL GET OUTPUT

CALCULATE EFFECTS

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	30	24	75	45
COLUMN	133	129	105	30

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL		FROM2 WELL		FROM3 WELL	
		With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 1959	0	29	29	0	0	0	0
SUM 1959	0	29	29	0	0	0	0
WIN 1959	0	29	29	0	0	0	0
SPR 1960	0	29	29	0	0	0	0
SUM 1960	0	29	29	0	0	0	0
WIN 1960	0	29	29	0	0	0	0
SPR 1974	0	29	29	0	0	0	0
SUM 1974	0	29	29	0	0	0	0
WIN 1974	0	29	29	0	0	0	0
SPR 1975	0	77	77	0	0	0	0
SUM 1975	0	77	77	0	0	0	0
WIN 1975	0	77	77	0	0	0	0
SPR 1976	0	77	77	0	0	0	0
SPR 1984	0	77	77	0	0	0	0
SUM 1984	0	77	77	0	0	0	0
WIN 1984	0	77	77	0	0	0	0
SPR 1985	0	84	84	0	0	0	0
SUM 1985	0	84	84	0	0	0	0
WIN 1985	0	84	84	0	0	0	0
SPR 2018	0	84	84	0	0	0	0
SUM 2018	0	84	84	0	0	0	0
WIN 2018	0	84	84	0	0	0	0
SPR 2019	84	0	84	0	0	0	0
SUM 2019	84	0	84	0	0	0	0
WIN 2019	84	0	84	0	0	0	0
SPR 2020	84	0	84	0	0	0	0
SUM 2020	84	0	84	0	0	0	0
WIN 2020	84	0	84	0	0	0	0
SPR 2021	84	0	84	0	0	0	0
SUM 2021	84	0	84	0	0	0	0
WIN 2021	84	0	84	0	0	0	0
SPR 2106	84	0	84	0	0	0	0
SUM 2106	84	0	84	0	0	0	0
WIN 2106	84	0	84	0	0	0	0
SPR 2107	84	0	84	0	0	0	0
SUM 2107	84	0	84	0	0	0	0
WIN 2107	84	0	84	0	0	0	0
SPR 2108	84	0	84	0	0	0	0
SUM 2108	84	0	84	0	0	0	0
WIN 2108	84	0	84	0	0	0	0

Figure 3. Net Transfer Graphs

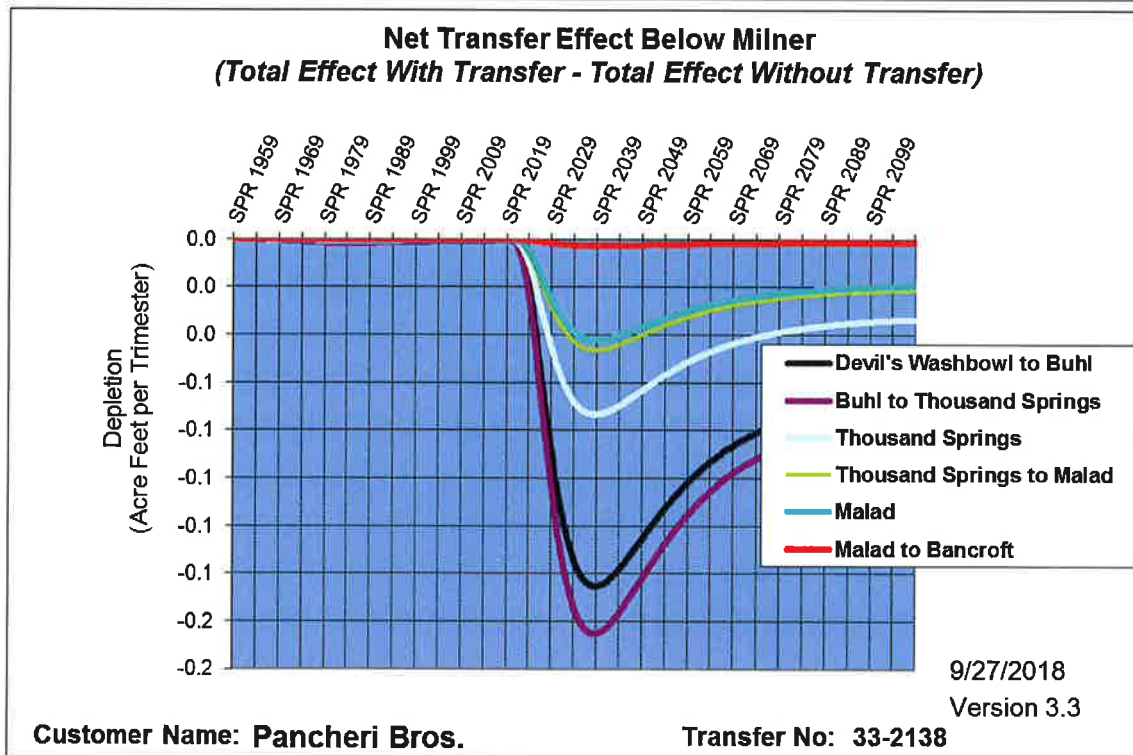
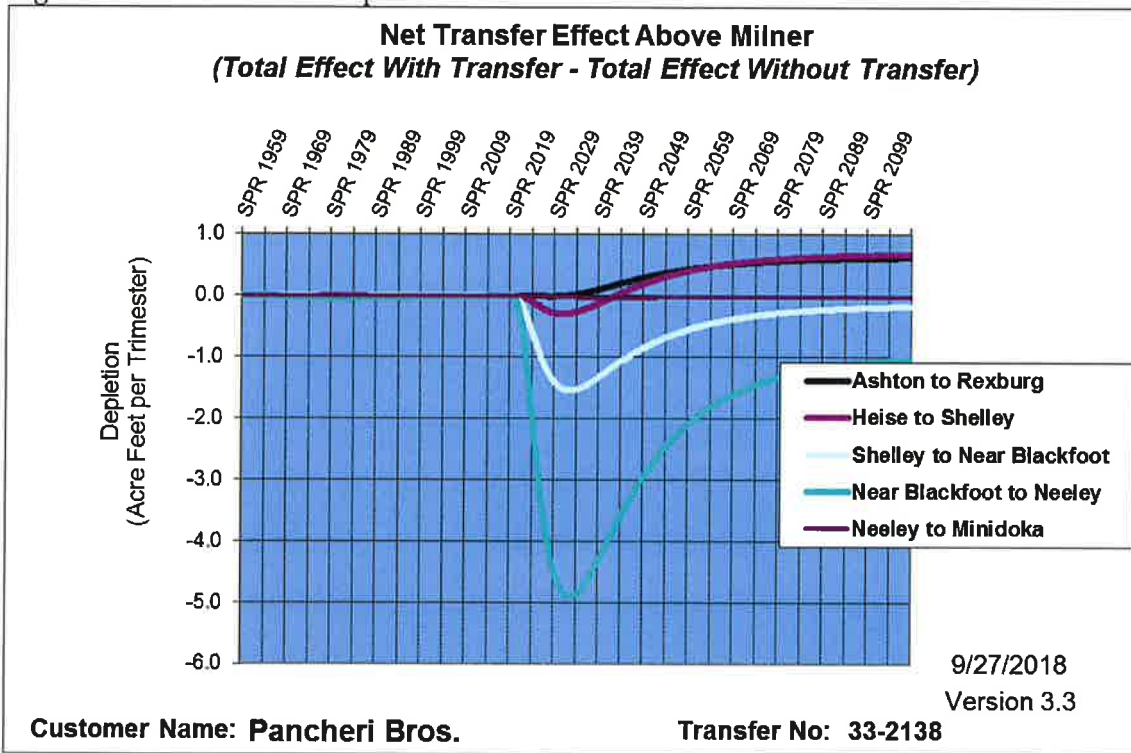
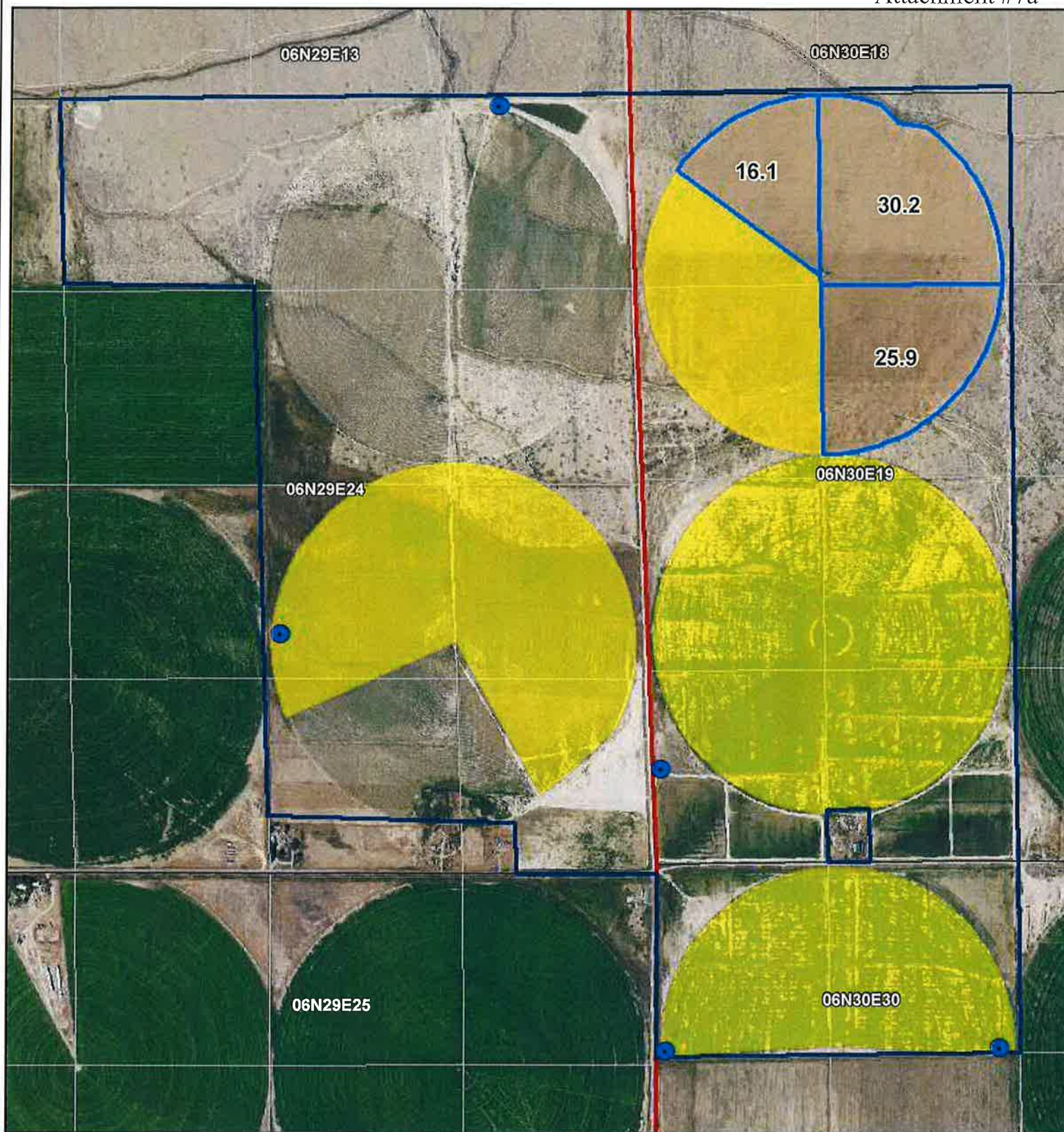


Figure 4. Calculated Effects.

	Net Transfer Effect (AF/four months)											
	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Blckft	Nr Blckft Neeley	Neeley to Minidoka	Dev. Wbl. Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft	
SPR 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 2018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 2019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2020	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 2020	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2020	0.0	0.0	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2021	0.0	0.0	-0.1	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 2021	0.0	0.0	-0.1	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2021	0.0	0.0	-0.2	-0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2022	0.0	0.0	-0.2	-0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 2022	0.0	0.0	-0.3	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2022	0.0	-0.1	-0.3	-1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2023	0.0	-0.1	-0.4	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 2023	0.0	-0.1	-0.5	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2023	0.0	-0.1	-0.5	-1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2024	0.0	-0.1	-0.6	-2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 2024	0.0	-0.1	-0.7	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2024	0.0	-0.1	-0.8	-2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2025	0.0	-0.2	-0.8	-2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 2025	0.0	-0.2	-0.9	-2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2025	0.0	-0.2	-1.0	-3.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	
SPR 2026	0.0	-0.2	-1.0	-3.3	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	
SUM 2026	0.0	-0.2	-1.1	-3.5	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
WIN 2026	0.0	-0.2	-1.1	-3.6	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
SPR 2027	0.0	-0.2	-1.2	-3.8	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
SUM 2027	0.0	-0.2	-1.2	-3.9	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
WIN 2027	0.0	-0.3	-1.3	-4.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
SPR 2028	0.0	-0.3	-1.3	-4.2	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
SUM 2028	0.0	-0.3	-1.4	-4.3	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
WIN 2028	0.0	-0.3	-1.4	-4.4	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
SPR 2029	0.0	-0.3	-1.4	-4.5	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
SUM 2029	0.0	-0.3	-1.4	-4.6	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
WIN 2029	0.0	-0.3	-1.5	-4.7	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	
SPR 2106	0.6	0.7	-0.2	-1.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
SUM 2106	0.6	0.7	-0.2	-1.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
WIN 2106	0.6	0.7	-0.2	-1.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
SPR 2107	0.6	0.7	-0.2	-1.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
SUM 2107	0.6	0.7	-0.2	-1.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
WIN 2107	0.6	0.7	-0.2	-1.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
SPR 2108	0.6	0.7	-0.2	-1.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
SUM 2108	0.6	0.7	-0.2	-1.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
WIN 2108	0.6	0.7	-0.2	-1.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	

er First Time Step of Transfer: SPR 1959

er First Time Step of Transfer: SPR 1959															
	Match:	1		Match:	456										
		AtR	HiS	StNB	NbIn	NtM	DWtB	BiTS	TS	TSiM	M	MtB	Total		
Effects @ SS (Last Time Step):		3.41	7.54	16.99	50.60	0.40	1.44	1.64	0.73	0.46	0.42	0.03	83.64	Total Effects without Transfer	
Value of Dep. @ Last Time Step:		4.03	8.21	16.81	49.57	0.39	1.37	1.56	0.69	0.44	0.40	0.02	83.49	Total Effects with Transfer	
ent State (Max Value Timestep):		3.41	7.54	16.99	50.60	0.40	1.44	1.64	0.73	0.46	0.42	0.03	83.64	Total Effects without Transfer	
Max. Value of Dep. After Transfer:		4.03	8.21	16.81	49.57	0.39	1.37	1.56	0.69	0.44	0.40	0.02	83.49	Total Effects with Transfer	
Steady State Change:		0.62	0.67	-0.18	-1.03	-0.02	-0.07	-0.08	-0.03	-0.02	-0.02	0.00			
Transient State Change:		0.62	0.67	-0.18	-1.03	-0.02	-0.07	-0.08	-0.03	-0.02	-0.02	0.00			

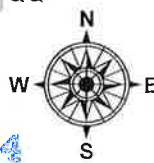


0 0.2 0.4 0.8 Miles

2017 Aerial Photography

- Proposed POD
- Proposed POU
- PPU WR 33-2115 & 33-14852
- PPU Irrig. Ac WR 33-2115 & 33-14852
- Twp & Rng

- Section
- QQ



82744

Proposed Place of Use

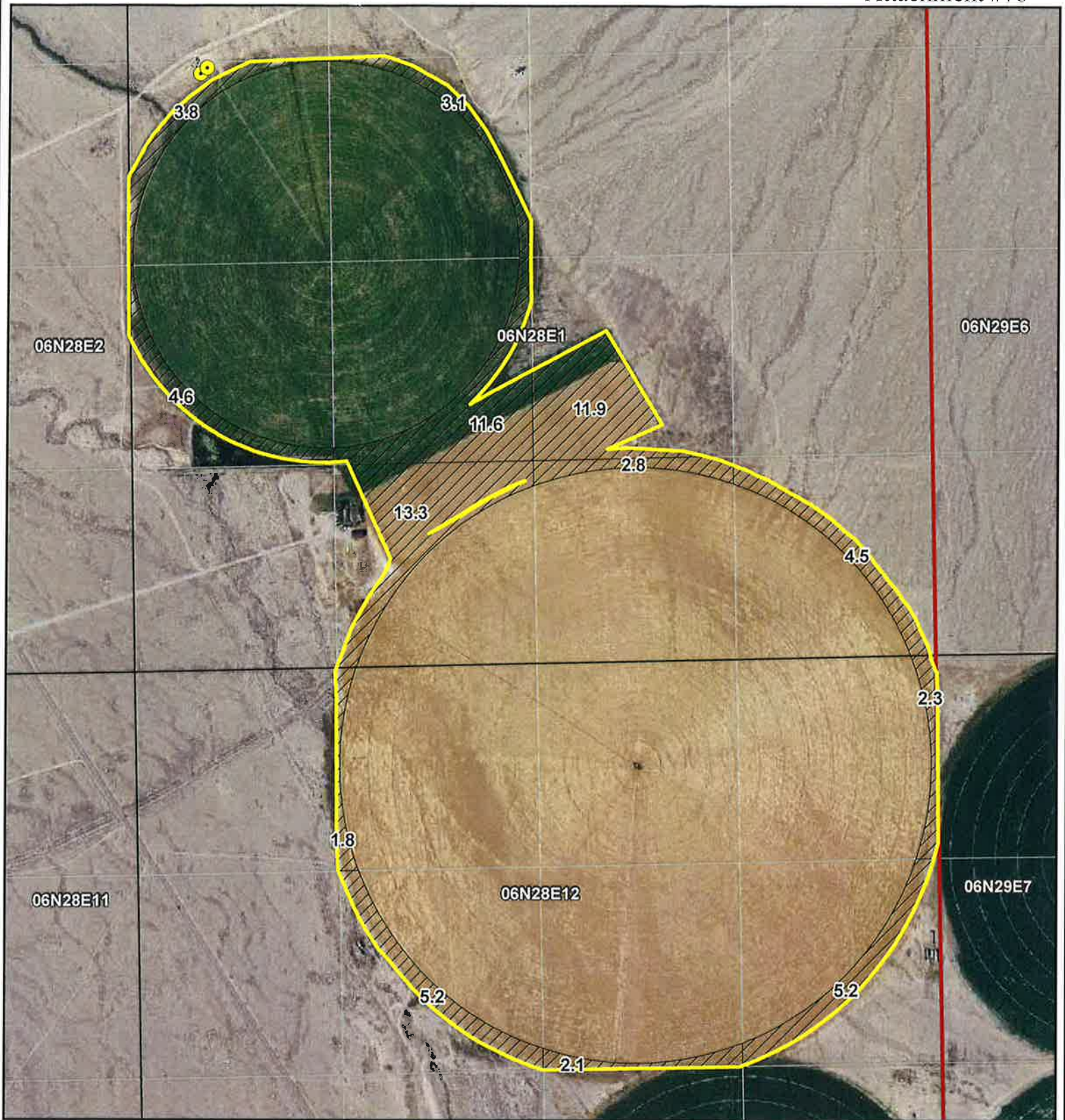
Pancheri Bros. Inc

RMEA #13-0020

by: KM

Date: 9/27/2018





0 0.2 0.4 0.8 Miles

2017 Aerial Photography

● WR POD 33-2138 et al

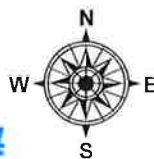
□ QQ

□ WR POU 33-2138 et al

▨ Transfer/Retired Acres

▭ Twp & Rng

▭ Section



82744

Existing Place of Use

Pancheri Bros. Inc

RMEA #13-0020

by: KM

Date: 9/27/2018

