

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 677

This is to certify that:

STODDARD FARM & RANCH LLC
436 N 800 E
NEPHI, UT 84648-1358

RECEIVED

JAN 30 2023

DEPARTMENT OF
WATER RESOURCES

filed an application to rent water from the Water Supply Bank ("Bank"). The Idaho Water Resource Board ("Board"), being authorized to operate a Bank and to contract by and through the Director of the Idaho Department of Water Resources ("Director, Department") for rental of water from the Bank, agrees to rent water as follows:

Summary of Water Rights or Portions Rented from the Bank

Water Right No.	Priority Date	Source	Diversion Rate (CFS)	Diversion Volume (AF)	Acres (AC)	Rate Per Acre (CFS/AC)	Volume Per Acre (AF/AC)
35-7692	4/15/1977	GROUND WATER	0.19	32.0	8.0	0.024	4.0
35-2324B	4/14/1953	GROUND WATER	0.20	40.0	10.0	0.020	4.0
Combined Rental Totals			0.36	72.0	18.0	0.022	4.0

Term of Rental: This rental agreement shall take effect when all parties have signed it and shall continue in effect until December 31, 2022. Use of rental water shall be authorized as of either the date this rental agreement takes effect or the first day of the rental season of use, in 2022, whichever occurs last.

Annual Rental Fee:

2022: \$1,440.00 annually

The full fee for the rental of the above-described right(s) is \$1,440.00 per year for 2022. The rental fee includes an administrative fee of \$144.00 per year for 2022.

An annual payment shall be received by the Department on or before December 31 each year preceding the use of the rented water rights. The agreement will be void if payment is not received by the due date in a given year. Rental fees are non-refundable. To voluntarily terminate the agreement early, notify the Department in writing prior to the rental fee due date.

Total Water Use Authorized Under Rental Agreement

Beneficial Use	Diversion Rate (CFS)	Diversion Volume (AF)	Acres (AC)	Rate/Acre (CFS/AC)	Volume/Acre (AF/AC)
IRRIGATION, WEST PIVOT	0.10	12.5	5.0	0.020	2.5
IRRIGATION, EAST PIVOT	0.10	20.0	5.0	0.020	4.0
Combined Total	0.20	32.5	10.0	0.020	3.3

* The authorized water usage reflects a reduction from the water right elements rented, to account for required ETRAN 3.4 mitigation offset and combined limits at rental PODs.

Detailed water right conditions are attached.

SCANNED
JAN 30 2023

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 677

The undersigned renter agrees to use the water rented under this agreement in accordance with the Water Supply Bank rules and in compliance with the limitations and conditions of use described in this agreement:

Mark R. Stoddard
Signature of Renter Stoddard Farm & Ranch LLC

23 JAN 2023
Date

MARK R. Stoddard
Printed Name

OWNER/MANAGER
Title

*Title required if signing on behalf of a company or organization or with power of attorney

Having determined that this agreement satisfied the provisions of Idaho Code § 42-1763 and IDAPA 37.02.03.030 (Water Supply Bank Rule 30), for the rental and use of water under the terms and condition herein provided, and none other, I hereby execute this Rental Agreement on behalf of the Idaho Water Resource Board.

By Brian Patton
BRIAN PATTON, Acting Administrator
Idaho Water Resource Board

Date 1/31/23

Rental approved by IDWR HP

Date 1/31/23

SCANNED
FEB 09 2023

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 677

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER	NWNW	Sec. 13, Twp 02S, Rge 36E,	BINGHAM County
GROUND WATER	NENW	Sec. 13, Twp 02S, Rge 36E,	BINGHAM County

BENEFICIAL USE
IRRIGATION

DIVERSION RATE
0.20 CFS

VOLUME
32.5 AF

SEASON OF USE

4/1 To 10/31

RENTERS PLACE OF USE: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02S	36E	13		2.3			3.2	4.5											10.0

Total Acres: 10.0

RENTAL AGREEMENT CONDITIONS OF ACCEPTANCE

1. The use of water under this agreement shall be subject to the provisions of Idaho Code § 42-1766.
2. Rental of the specified right from the bank does not, in itself, confirm the validity of the right or any elements of the water right, or improve the status of the right including the notion of resumption of use. It does not preclude the opportunity for review of the validity of this water right in any other department application process.
3. Use of water under this agreement does not constitute a dedication of the water to renter's place of use, and upon expiration of this agreement, the points of diversion and place of use of the water shall revert to those authorized under the water right and/or again be available to rent from the bank.
4. Use of water under this agreement shall not prejudice any action of the Department in its consideration of an application for transfer or permit filed by the applicant for this same use.
5. Renter agrees to comply with all applicable state and federal laws while using water under this agreement.
6. Renter agrees to hold the Board, the Director and the state of Idaho harmless from all liability on account of negligent acts of the renter while using water.
7. Renter acknowledges and agrees that the Director may terminate authorization for the use of a water right based on a water right's priority date.
8. Failure of the renter to comply with the conditions of this agreement is cause for the Director to rescind approval of the rental agreement.
9. This rental agreement is limited to the irrigation of 10.0 acres within the authorized place of use in a single irrigation season.
10. Rental of Right Nos. 35-2324B and 35-7692 when combined with Right No. 27-12219 shall not exceed a total diversion rate of 0.71 cfs, a total annual maximum diversion volume of 89.3 af at the field headgate, and the irrigation of 35.7 acres.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 677

11. Rental of Right Nos. 35-2324B and 35-7692 when combined with Right No. 27-12221 shall not exceed a total diversion rate of 0.76 cfs, a total annual maximum diversion volume of 151.2 af at the field headgate, and the irrigation of 37.8 acres.
12. Use of water under this rental agreement may be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this rental is within State Water District No. 120.
13. This rental agreement does not authorize the construction of a well.

SCANNED
FEB 14 9 2023

SCANNED
FEB 19 2023

MEMORANDUM FOR APPLICATIONS # 2225 & 2488

To: Water Right(s) 27-12180, 35-2324B and 35-7692

From: Michele Edl/Mary Condon

Date: May 13, 2022, November 4, 2022, & January 4, 2023

Re: Review & Analysis of Request to Rent Water from the State Water Supply Bank

PURPOSE/NARRATIVE: On December 7, 2021, the department received an application to rent water from the WSB for 2022 through 2026, for Stoddard Farm & Ranch LLC. Mark Stoddard.

The application proposed to rent portions of WRs 35-2324B and 35-7692 to address an enforcement action, E2017-1262, for 13 acres on two pivots due to end guns. PODs at the location as listed in the enforcement notification provided with the rental application are in Twp 02S, Rge 36E, Sec 13, NWNW & NENW. Rental application lists correct POD location, but it had the incorrect basin identification for existing water rights. Existing water rights are 27-12219 & 27-12221. Requested rights 35-2324B and 35-7692 did not pass modeling for the full rental request of 13 acres and would only pass if 18 acres are rented for a maximum of 10 acres of irrigation for 2022, with the difference of 8 acre-feet per trimester left undiverted for offset mitigation.

Additional review of available rights in a better area of the ESPA for this rental (SE of the Snake River, near Blackfoot), found right 27-12180 is fully rented for 2022 but is available again from 2023-2025. Therefore, right 27-12180 will provide for 6.6 acres of irrigation for years 2023-2025, along with 7.6 acres of rights 35-2324B & 35-7692 for 6.4 acres of irrigation, for a total of 13 acres allowable under a second rental. Successful ETRAN modeling for both rentals within one run, see attachment 1 version 2.

Since the rental request is for more than one year, and a rental can be accomplished to rent water needed for four years, while also securing a rental from right 27-12180 which does not have a negative impact on the Snake River flows modeled to the rental POD, but the components and rights rented in 2022 differ from 2023-2025 and timing is nearing the end of 2022, the rental will be reflected on two different agreements, one for 2022 and one for 2023-2025. The rental for 2022 will be short 3 acres needed to cover enforcement action but the rental for 2023-2025 will be sufficient to cover the 13 acres.

AUTHORITY TO FILE: Available parcel information shows the land is owned by CVRH Lands, LLC. A request for authorization by the applicant, Stoddard Farm & Ranch LLC, to irrigate lands was requested on 12/8/2021, and a reply from the applicant with proof Stoddard Farm was previously named CVRH was provided on 12/9/2021. No concerns with authority.

WATER RIGHT VALIDITY: The leases of rights 35-2324B and 35-7692 for a combined total of 154 acres are leased to the bank 2022 thru 2026. Currently approved rentals 614, 616, 624, 645 & 657 against this lease of 154 acres with this request of 18 acres for 2022 leaves 12.6 acres still available to rent. A sufficient quantity of the right is available to rent.

Leased right 27-12180 from 2021-2025, has 27.1 acre-feet annually for commercial and industrial uses (considered fully consumptive), available from 2023 to 2025. This right is rented for 2022 as a change in nature of use to irrigation, with the calculated acres as the volume of the industrial component (26.5 AFA) divided by the area headgate standard (4) for 6.6 acres

RECEIVED
JAN 15 2023

that can be irrigated, with a new consumptive use of only 19.8 AFA. This change in nature of use actually leaves 6.7 AFA undiverted through the existing rental for 2022 and this rental from 2023-2025.

INJURY TO OTHER WATER RIGHTS: Rental PODs and original requested rights 35-2324B and 35-7692 are within the ESPA. These two rights proposed for rental are west of the Snake River, 16 miles from the rental POD which is on the east side of the Snake River, all just near Blackfoot. Impacts are immediate in the Shelley to near Blackfoot reach. Modeling was provided, but the rental application copy shows additional water is required to offset depletions, and the mitigation attempted by the modeler was not successful. The modeling failed for two reasons; the first is that the amount provided for mitigation was not accounted for correctly in the modeling; the second is likely due to the leased PODs to the rental PODs opposing locations from the Snake River.

Successful mitigation offset in ETRAN (by renting more volume from the leased POD but pumping less at the rental POD) requires the modeler to enter 'zeros' in the 'With Transfer-From Well' during the rental period, and the reduced volume at the 'To Well.' So, if 18 acre-feet per trimester is rented, but only 10 acre-feet per trimester is pumped, because 8 acre-feet is providing mitigation by non-use, the 'With Transfer-From Well' for that right must have 'zeros' during that period showing the mitigation, not the 8 acre-feet. By keeping the difference at the 'With Transfer-From Well,' the modeling actually simulates that the difference is still being pumped at the leased location during the rental.

The attached ETRAN run for both rentals shows amounts in the 'With Transfer-From Well 2' show the difference between the 2022 rental and the 2023-2025 rental, where in 2022 18 acres are rented for only 10 acres of irrigation, providing 8 acre-feet per trimester of irrigation, and in years 2023-2025 there will be 7.6 acres rented for 6.4 acres worth of these two rights, providing only 1.2 acre-feet per trimester for mitigation, which leaves 10.4 acre-feet per trimester that is simulated to be fully diverted in the 'With Transfer-From Well 2' during the rental.

Additionally, any verifiable non-use can be accounted for in the modeling for previous years outside of the rental term. Rights 35-2324B and 35-7692 were not fully rented in 2019, leaving 51 acre-feet per trimester undiverted, so an equivalent 18 acre-feet per trimester to the rental request was left at 'zero' in the 'With Transfer-From Well 2' for that year and returned a successful run for both rentals from 2022-2025.

The rental PODs are for two different pivots, each with a different existing right. The rental purpose is to cover the end gun acres, approximately 6.5 acres for each pivot. The left pivot, with right 27-12219, has a low stated volume equal to only 2.5 acre-feet per acre. The right pivot, with right 27-12221, has a stated volume equal to the area standard of 4 acre-feet per acre. Area standard consumptive use at the lease and rental PODs is 3 acre-feet per acre.

Verification of model cell for rental POD is Row 83, Col 145, and leased right 27-12180 from Row 83, Col 138 as Well 1 and rights 35-2324B and 35-7692 from Row 74, Col 132 as Well 2. See attached ETRAN modeling run. Injury through these rentals with a successful ETRAN run is not expected.

ENLARGEMENT OF USE: Existing water rights 27-12219 & 27-12221 at rental POU are for two small pivots, equal to 30.7 acres and 32.8 acres, respectively. Transfer 77080 in 2011 removed 6.5 acres from the outer boundary of these two rights. A letter from the Department dated May 8, 2020, for unauthorized irrigation exceeding the outer boundary of the POU water rights prompted this rental request. Leased duty of water from rights 35-2324B and 35-7692 are 0.02 cfs per acre and 4.0 acre-feet per acre, as is the calculated acres from right 27-12180 maximum annual volume from industrial to irrigation. Again, the volume limit for existing right

SCANNED
MAY 9 2023

27-12219 on the left pivot is equal to only 2.5 acre-feet per acre, while the volume limit for existing right 27-12221 on the right pivot is equal to 4 acre-feet per acre.

Amounts rentable are proportionate to the leased and decreed amounts but are limited to the maximum annual rate and volume allowable at the rental PODs to match the existing rights. With only 10 acres worth at the rental POD from the 18 acres leased can be secured for 2022, only 5 acres on each pivot will be authorized under the rental. For years 2023-2025, the rental will cover 6.5 acres on each pivot since 13 acres can be rented fully. All years of rental will limit the annual volume of the rental to the 2.5 acre-feet per acre of the existing right for the left pivot, and with standard headgate of 4 acre-feet per acre on the right pivot. Review of WMIS data for the two pivots, shows that these rentals will be sufficient to meet their actual annual volume diverted, without any enlargement of the existing rights or the rented rights.

2022	water right	cfs	vol	acres	cfs/acre	af/ac	
Existing rights	- left pivot 27-12219	0.61	76.8	30.7	0.020	2.50	48%
	- right pivot 27-12221	0.66	131.2	32.8	0.020	4.00	52%
							63.5 total existing
rentals	35-23248	0.200	40	10	0.020	4	
	35-7692	0.192	32	8	0.024	4	
Well 1, 2022	limited to	0.365	72	18	0.020	4	
							2022 10 acres irrigation
							\$ 1,440.00 72 vol
Left rental limited to		0.101	13	5	0.020	2.50	
Right rental limited to		0.100	20	5	0.020	4.00	
Total Rental allowable		0.201	32.5	10	0.020	3.25	Does not enlarge existing or rented rights
Left + rental		0.711	89.3	35.7	0.020	2.50	
Right + rental		0.760	151.2	37.8	0.020	4.00	

2023	water right	cfs	vol	acres	cfs/acre	af/ac	
Existing rights	- left pivot 27-12219	0.61	76.8	30.7	0.020	2.50	
	- right pivot 27-12221	0.66	131.2	32.8	0.020	4.00	
rentals	27-12180	0.76	27.1	6.6	0.115	4.11	
Well 1, 2023-2025	limited to	0.132	26.5	6.6	0.020	4.02	
	35-23248	0.074	15	3.7	0.020	4	
	35-7692	0.070	12	2.9	0.024	4	
Well 2, 2023-2025	limited to	0.134	26	6.6	0.020	4	
	additive	0.266	52.9	13.2	0.020	4.0	
							2023-2025 13 acres irrigation
							\$ 1,221.30 53.1 vol
Left rental limited to		0.129	16	6.5	0.020	2.5	
Right rental limited to		0.131	26	6.5	0.020	4.0	
Total Rental allowable		0.260	42.3	13.0	0.020	3.3	Does not enlarge existing or rented rights
Left + rental		0.739	93.1	37.2	0.020	2.5	
Right + rental		0.791	157.2	39.3	0.020	4.0	

	2018	2019	2020	2021	average
WMIS #500617 - left pivot	79.55	61.88	82.79	93.12	79.34
WMIS #500616 - right pivot	82.67	103.54	63.4	59.96	77.39

No enlargement through rental of the leased rights for irrigation at the rental POU is expected.

LOCAL PUBLIC INTEREST: Review staff has no information to suggest this application is inconsistent with the local public interest. ESPA modeling was provided and is successful with the adjusted rental proposals as tabulated above for 2022 and 2023-2025. See attached ETRAN modeling run.

BENEFICIAL USE/CONSERVATION OF WATER RESOURCES: The rental appears consistent with the conservation of water resources in Idaho.

DEPARTMENT STAFF OR WATERMASTER COMMENTS: The rental use is subject to Water District 120, within Eastern Region. Request for comment from watermaster and region manager sent on November 4, 2022.

Leased and Rental PODs are all located within the Bingham Ground Water District.

SCANNED
FEB 10 2022

Stoddard – 2225 Rental App Review and ETRAN run v2 for 2022-2025

available	27-12180	2023-2025	Water Rigt 9/30/1905	0.76	26.5		6.625	4
	35-2324B	2022-2026	Water Rigt 4/14/1953	0.335	67	154	16.8	0.020 4
	35-7692	2022-2026	Water Rigt 4/15/1977	0.318	53	154	13.2	0.024 4

	Right	Start	FromRowCol	acres	C/U	trimester	actual	
Modeling for rental	27-12180	Sum 1905	83/138		6.6	19.8	6.6	8.8 2.23 stay at without xfer cell
			2023-2025					
no rental 2019 for 157 af	35-2324B	Spr 1953	74/132	10	30	10	4.2	56%
	35-7692	Spr 1977	74/132	8	24	8	3.4	44%
			2022	18	54	18		
			2023-2025	7.6	22.8	7.6	7.6	

Rental POD	Rental Year	WRs	ToRowCell	Rental acres	To-af/tri	From-rent : remaining/trir	trans result	
18 acres for 10 acres	2022	27-2324/7	83/145	10	10	18	0	1.9
6.6 + 7.6 for 13 acres	2023-2025	27-2324/7	83/145	6.4	6.4	7.6	0	
		27-12180	83/145	6.6	6.6	6.6	2.23	
				13	13	13	2.23	1.9

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: 2225

YEAR: 1905

SEASON: SUMMER

TRANSFER NAME: Stoddard

UPDATE DATES RUN MODEL GET OUTPUT

CALCULATE EFFECTS

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	83	83	74	0
COLUMN	145	138	132	0

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
SUM 1905	0.00	6.60	6.60	0.00	0.00	0.00	0.00
WIN 1905	0.00	6.60	6.60	0.00	0.00	0.00	0.00
SPR 1906	0.00	6.60	6.60	0.00	0.00	0.00	0.00
SUM 1906	0.00	6.60	6.60	0.00	0.00	0.00	0.00
WIN 1906	0.00	6.60	6.60	0.00	0.00	0.00	0.00
SUM 1952	0.00	6.60	6.60	0.00	0.00	0.00	0.00
WIN 1952	0.00	6.60	6.60	0.00	0.00	0.00	0.00
SPR 1953	0.00	6.60	6.60	10.00	10.00	0.00	0.00
SUM 1953	0.00	6.60	6.60	10.00	10.00	0.00	0.00
WIN 1953	0.00	6.60	6.60	10.00	10.00	0.00	0.00
SPR 1954	0.00	6.60	6.60	10.00	10.00	0.00	0.00
SUM 1954	0.00	6.60	6.60	10.00	10.00	0.00	0.00
WIN 1954	0.00	6.60	6.60	10.00	10.00	0.00	0.00
SUM 1975	0.00	6.60	6.60	10.00	10.00	0.00	0.00
SPR 1976	0.00	6.60	6.60	10.00	10.00	0.00	0.00
SUM 1976	0.00	6.60	6.60	10.00	10.00	0.00	0.00
WIN 1976	0.00	6.60	6.60	10.00	10.00	0.00	0.00
SPR 1977	0.00	6.60	6.60	18.00	18.00	0.00	0.00
SUM 1977	0.00	6.60	6.60	18.00	18.00	0.00	0.00
WIN 1977	0.00	6.60	6.60	18.00	18.00	0.00	0.00
SPR 1978	0.00	6.60	6.60	18.00	18.00	0.00	0.00
SUM 1978	0.00	6.60	6.60	18.00	18.00	0.00	0.00
WIN 1978	0.00	6.60	6.60	18.00	18.00	0.00	0.00
SPR 2018	0.00	6.60	6.60	18.00	18.00	0.00	0.00
SUM 2018	0.00	6.60	6.60	18.00	18.00	0.00	0.00
WIN 2018	0.00	6.60	6.60	18.00	18.00	0.00	0.00
SPR 2019	0.00	6.60	6.60	0.00	18.00	0.00	0.00
SUM 2019	0.00	6.60	6.60	0.00	18.00	0.00	0.00
WIN 2019	0.00	6.60	6.60	0.00	18.00	0.00	0.00
SPR 2020	0.00	6.60	6.60	18.00	18.00	0.00	0.00
SUM 2020	0.00	6.60	6.60	18.00	18.00	0.00	0.00
WIN 2020	0.00	6.60	6.60	18.00	18.00	0.00	0.00
SPR 2021	0.00	6.60	6.60	18.00	18.00	0.00	0.00
SUM 2021	0.00	6.60	6.60	18.00	18.00	0.00	0.00
WIN 2021	0.00	6.60	6.60	18.00	18.00	0.00	0.00
SPR 2022	10.00	6.60	6.60	0.00	18.00	0.00	0.00
SUM 2022	10.00	6.60	6.60	0.00	18.00	0.00	0.00
WIN 2022	10.00	6.60	6.60	0.00	18.00	0.00	0.00
SPR 2023	13.00	0.00	6.60	10.40	18.00	0.00	0.00
SUM 2023	13.00	0.00	6.60	10.40	18.00	0.00	0.00
WIN 2023	13.00	0.00	6.60	10.40	18.00	0.00	0.00
SPR 2024	13.00	0.00	6.60	10.40	18.00	0.00	0.00
SUM 2024	13.00	0.00	6.60	10.40	18.00	0.00	0.00
WIN 2024	13.00	0.00	6.60	10.40	18.00	0.00	0.00
SPR 2025	13.00	0.00	6.60	10.40	18.00	0.00	0.00
SUM 2025	13.00	0.00	6.60	10.40	18.00	0.00	0.00
WIN 2025	13.00	0.00	6.60	10.40	18.00	0.00	0.00
SPR 2026	0.00	6.60	6.60	18.00	18.00	0.00	0.00
SUM 2026	0.00	6.60	6.60	18.00	18.00	0.00	0.00

Well 2 – two rights, first on 1953 for 10, second on 1977 for 18

Well 2 had 51 af/trimester leased but not rented in 2019

Rental of 18 af/trimester for 10 af - 2022 from well 2

Rental of 6.6 af/tri from well 1 + 7.6 af/tri from well 2 for 13 af/trimester total for years 2023-2025

SCANNED
7/10/2023

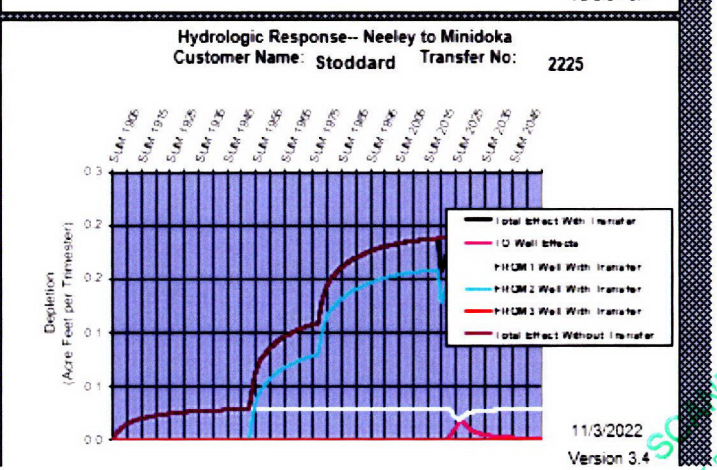
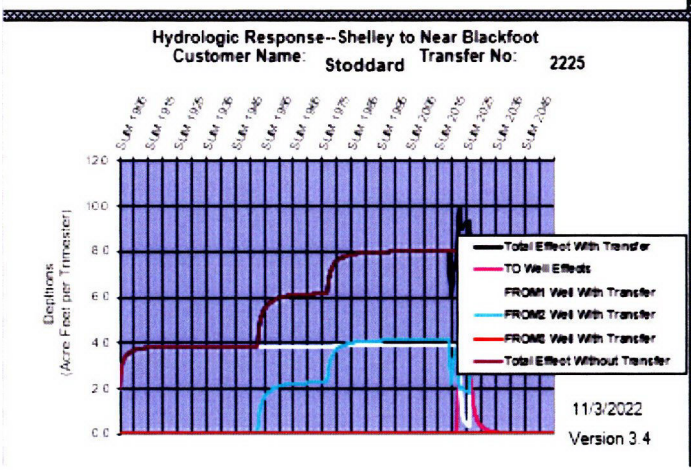
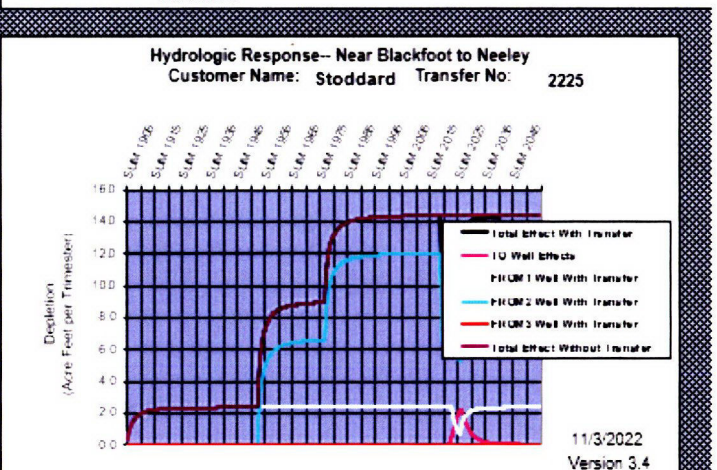
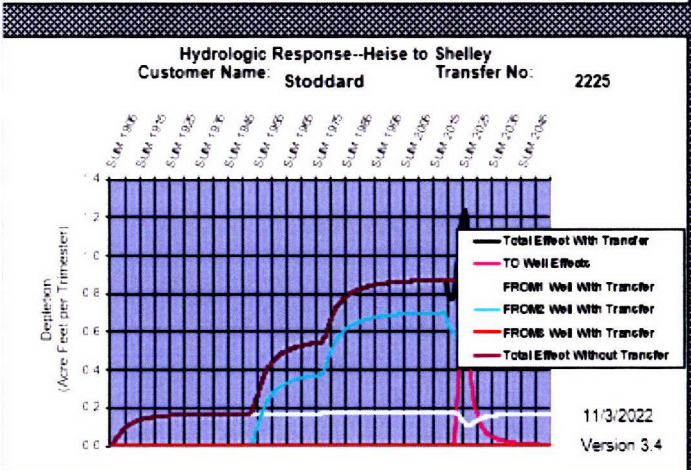
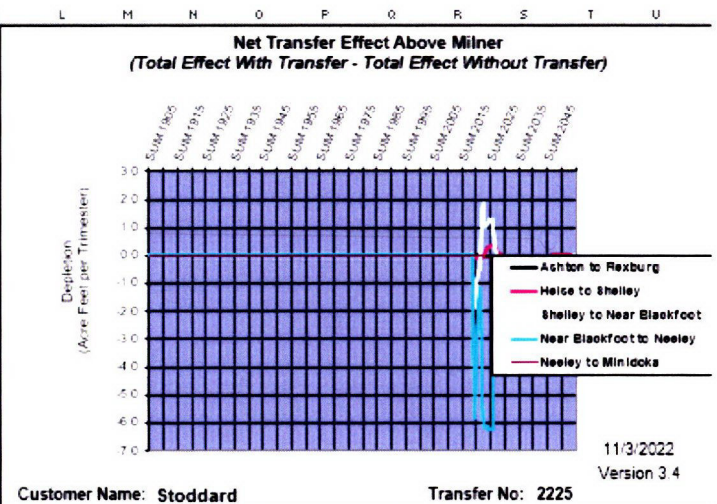
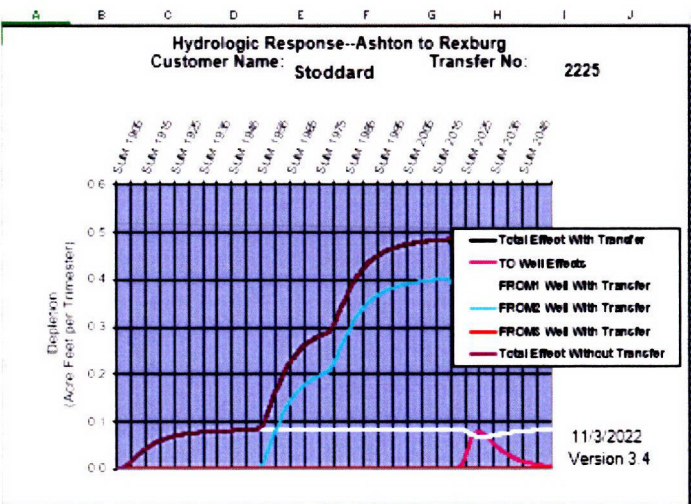
Stoddard – 2225 Rental App Review and ETRAN run v2 for 2022-2025

Mitigation Analysis Period									
Transfer									
New Water Right (GModel):									
WR No	Div	Rate	Con	No of	Priority	RDD	Dedicated	Model	
(CFS)		(AF/A)	Acres	Tran	Date	Location	AF/A	Type	
Transfer 1: Proposed Steady State Impacts following Transfer									
777	777	275.6	68.9	1/1/1960		8526E-3	275.6	91.9	SP082075
777	777	275.6	68.9	1/1/1960		8526E-3	275.6	91.9	SP068066
Transfer 1: Worst Case Transient State Impacts following Transfer									
777	777	275.6	68.9	1/1/1960		8526E-3	275.6	91.9	SP082075
777	777	275.6	68.9	1/1/1960		8526E-3	275.6	91.9	SP068066

Impact by Reach (AF/Trimester)									
Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Dev. Wbi. To Buhl	Buhl to Kspri	Kspri to Kspri	Kspri to Maad	Maad to Bancroft
0.49	0.88	8.03	14.40	0.19	0.20	0.16	0.07	0.07	0.08
0.49	0.87	8.03	14.39	0.19	0.19	0.16	0.07	0.07	0.08
0.49	0.88	8.03	14.40	0.19	0.20	0.16	0.07	0.07	0.08
0.49	1.25	9.97	14.39	0.19	0.19	0.16	0.07	0.07	0.08

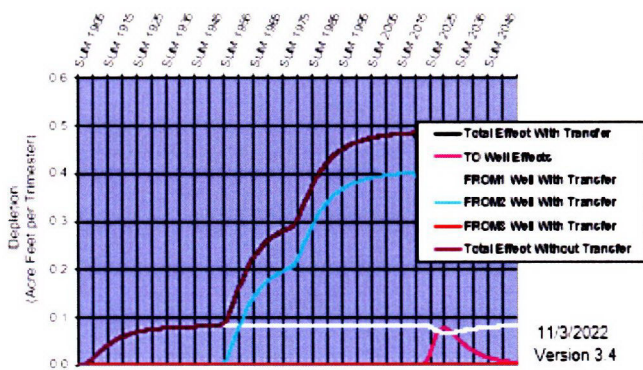
Steady State Analysis									
Mitigation Check 1 - >10% of Historical	-0.4%	-0.2%	0.0%	-0.1%	-0.9%	-1.7%	-1.8%	-1.8%	-2.0%
Mitigation Check 2 - >2 AF/T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Check 3 - >10% of Total	2.0%	3.6%	32.7%	58.6%	0.8%	0.6%	0.3%	0.3%	0.0%
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ak-ft)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis									
Mitigation Check 1 - >10% of Historical	-0.4%	-0.2%	0.0%	-0.1%	-0.9%	-1.7%	-1.8%	-1.8%	-2.0%
Mitigation Check 2 - >2.0 AF/T	0.0	0.4	24.2%	1.9	0.0	0.0	0.0	0.0	0.0
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ak-ft)	0.0	0.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0

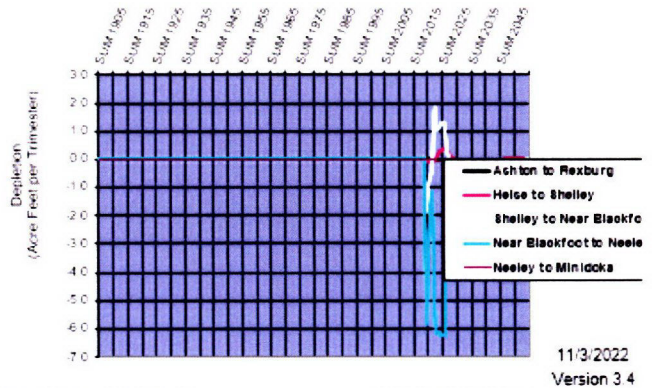


SCANNED
10-10-2023

Hydrologic Response--Ashton to Rexburg
Customer Name: Stoddard Transfer No: 2225



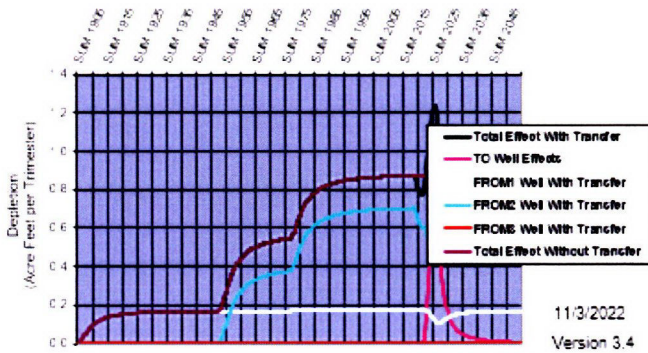
Net Transfer Effect Above Milner
(Total Effect With Transfer - Total Effect Without Transfer)



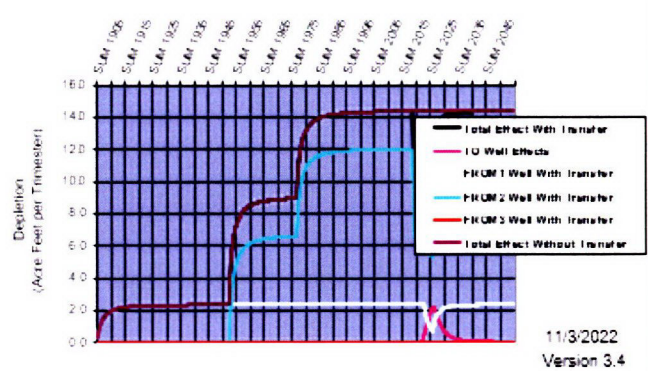
Customer Name: Stoddard

Transfer No: 2225

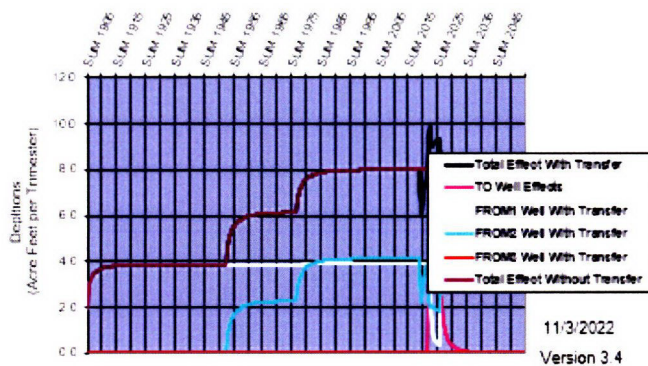
Hydrologic Response--Heise to Shelley
Customer Name: Stoddard Transfer No: 2225



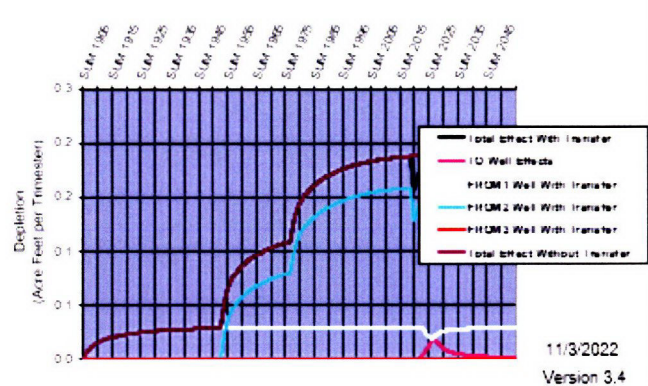
Hydrologic Response-- Near Blackfoot to Neeley
Customer Name: Stoddard Transfer No: 2225



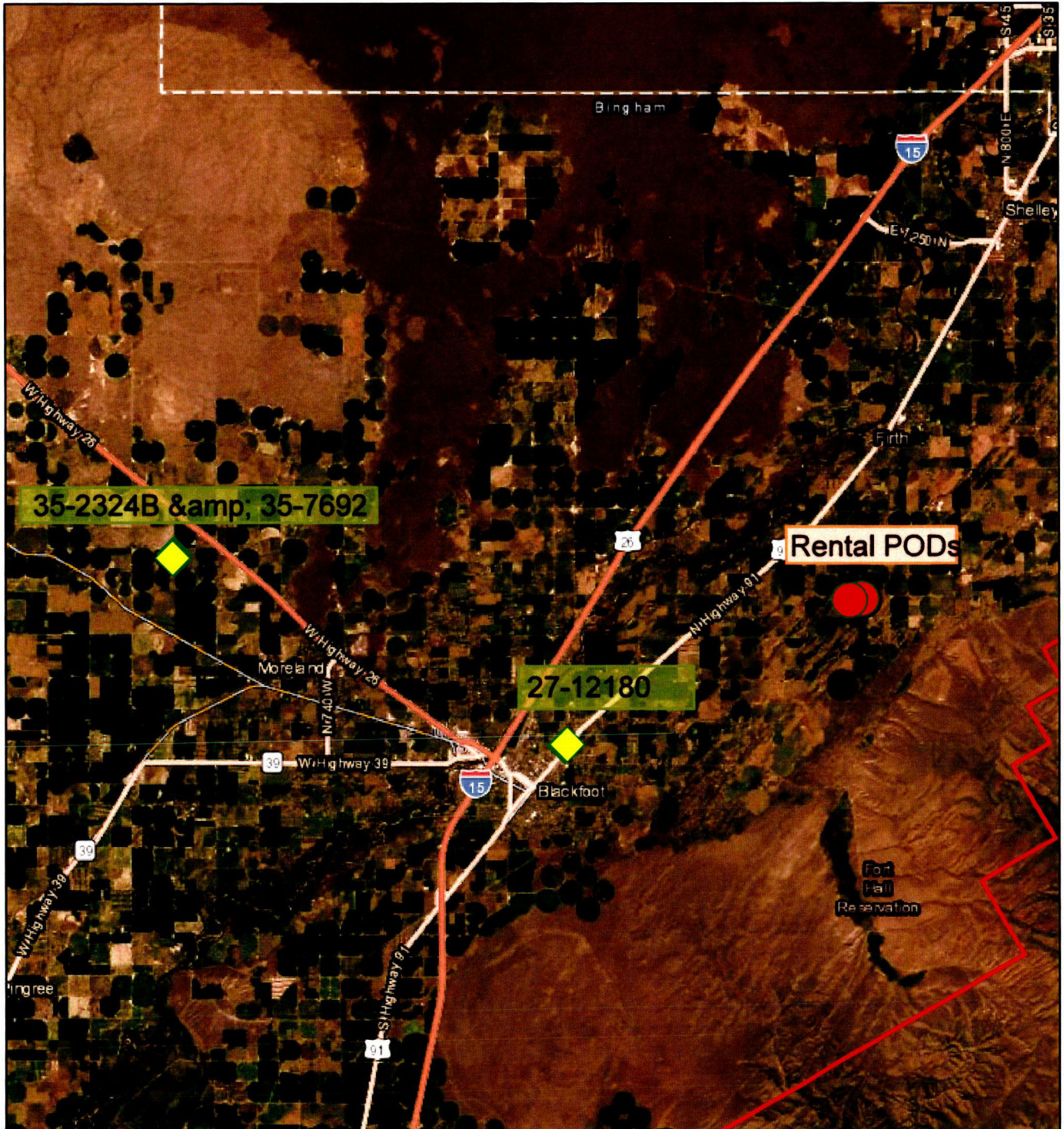
Hydrologic Response--Shelley to Near Blackfoot
Customer Name: Stoddard Transfer No: 2225



Hydrologic Response--Neeley to Minidoka
Customer Name: Stoddard Transfer No: 2225

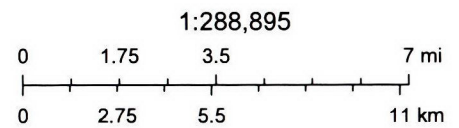


Stoddard Move Map 2023-2025



11/4/2022, 12:26:10 PM

 ESPA Model Outline



Esri, HERE, Garmin, Esri, HERE, Earthstar Geographics

SCANNED
11/5/2022