

Van Bussum, Monica

From: Greg Sullivan [greg.sullivan@brockwayeng.com]
Sent: Monday, August 20, 2012 10:52 AM
To: Van Bussum, Monica
Subject: RE: Wickel Rental - read me first
Attachments: Data Entry 13.6 acres.pdf; Wickel WSB Analysis2.pdf

Monica,

Attached is the data entry and model analysis for the Wickel farm with the amended 13.6 acres. The 13.6 acres will be rented from water rights 36-2635, 36-7216 and 36-11328. No mitigation is required for this rental application.

Greg Sullivan
2016 N. Washington St. Suite 4
Twin Falls, Id 83301
208-736-8543

From: Van Bussum, Monica [<mailto:Monica.VanBussum@idwr.idaho.gov>]
Sent: Monday, August 20, 2012 10:26 AM
To: Greg Sullivan
Subject: RE: Wickel Rental - read me first

Hi Greg,

Shouldn't you adjust the modeling so you're renting 13.6 acres from the group in one model run as opposed to 2 model runs? The rights are limited by volume and diversion rate.

Monica

From: Greg Sullivan [<mailto:greg.sullivan@brockwayeng.com>]
Sent: Monday, August 20, 2012 10:15 AM
To: Van Bussum, Monica
Subject: RE: Wickel Rental - read me first

Monica,

Do you want me to amend the application or do you just want to adjust the numbers and write the rental agreement based on your numbers?

The 3 water rights are additive so I did not think that they were stacked.

Greg Sullivan
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Twin Falls, Id 83301
208-736-8543

From: Van Bussum, Monica [<mailto:Monica.VanBussum@idwr.idaho.gov>]
Sent: Monday, August 20, 2012 9:41 AM
To: Greg Sullivan
Subject: RE: Wickel Rental - read me first

Yes. Sorry. I was looking at the 11.5 acres leased under 36-2635 for some reason and thought there was only 0.1 acre left. There is a total of 20.6 acres leased to the Bank under those 3 rights.

Monica

From: Greg Sullivan [<mailto:greg.sullivan@brockwayeng.com>]
Sent: Monday, August 20, 2012 9:38 AM
To: Van Bussum, Monica
Subject: RE: Wickel Rental - read me first

Monica,

I believe the total acres leased to the bank from 36-2635, 36-7216 and 36-11328 is 20.3 acres. Can I rent 13.6 acres from these stacked water rights?

Greg

From: Van Bussum, Monica [<mailto:Monica.VanBussum@idwr.idaho.gov>]
Sent: Saturday, August 18, 2012 1:10 PM
To: Greg Sullivan
Subject: RE: Wickel Rental - read me first

I sent you an email a little bit ago about an issue with the Wickel modeling. Your proposal included:

11.4 acres to be rented from 36-2635

Lease accepted 10/10

Lease expires 12/15

2.2 acres to be rented from 36-11328

Lease accepted 10/10

Lease expires 12/15

However, 36-2635 is stacked with 36-7216 and 36-11328, so to rent the 11.4 acres under 36-2635, you also need to rent associated acreage from the other two. When you do that, you cannot rent an additional 2.2 acres from 36-11328, so your proposal for the Wickel rental falls short by a couple of acres. I'll be in the office Monday because I'm sure you'll want to talk about this. We can't process the Wickel Lincoln County Farm rental with this proposal.

Monica

From: Van Bussum, Monica
Sent: Saturday, August 18, 2012 12:38 PM
To: 'Greg Sullivan'
Subject: RE: Wickel Rental

Hi Greg,

I'm looking again at the rental scheme for Wickel. Your previous email says Wickel proposes to rent 11.4 acres from 36-2635. 36-2635 is rate and acre-limited with 36-7216 and 36-11328. Will that change your modeling?

Monica

From: Greg Sullivan [<mailto:greg.sullivan@brockwayeng.com>]
Sent: Monday, August 13, 2012 10:26 AM
To: Van Bussum, Monica
Subject: RE: Wickel Rental

Monica,

Will this work for you? We included all the rock piles as irrigated within the POU for the rental.

Greg

From: Van Bussum, Monica [<mailto:Monica.VanBussum@idwr.idaho.gov>]
Sent: Monday, August 13, 2012 9:53 AM
To: Greg Sullivan
Subject: RE: Wickel Rental

Hi Greg,

When you get a chance, can you send me a map of what will be irrigated? I have two maps submitted previously but they appear to be only nominal shapes and not a delineation of irrigated ground. I think this probably touches on what Cindy was talking about, as well.

Monica

From: Greg Sullivan [<mailto:greg.sullivan@brockwayeng.com>]
Sent: Monday, August 13, 2012 9:47 AM
To: Van Bussum, Monica
Subject: RE: Wickel Rental

Monica,

Wickel needs to rent 55.6 acres total for the Lincoln County Farm. The 55.6 acres should be come from the following water rights.

8.1 acres to be rented from 36-2430, 36-8008 and 36-8402
 Lease accepted 9/06
 Lease expires 12/16
25.6 acres to be rented from 36-16924 (parent 36-2122A)
 Lease accepted 8/10
 Lease expires 12/13
11.4 acres to be rented from 36-2635
 Lease accepted 10/10
 Lease expires 12/15
2.2 acres to be rented from 36-11328
 Lease accepted 10/10
 Lease expires 12/15
8.3 acres to be rented from 36-2453A and 36-13065A
 Lease accepted 10/10
 Lease expires 12/15

ESPA model analysis shows that Total Reach Depletion impacts are less than 2.0 AF/Trimester per river reach. No mitigation required.

I believe the modeling of the 8.1 acre group is correct.

Greg

From: Van Bussum, Monica [<mailto:Monica.VanBussum@idwr.idaho.gov>]
Sent: Monday, August 13, 2012 9:28 AM
To: Greg Sullivan
Subject: RE: Wickel Rental

Just a quick FYI. The first group of rights needs an adjustment in WR#. The last right should be 36-8402, not 36-8401.

Monica

From: Greg Sullivan [<mailto:greg.sullivan@brockwayeng.com>]
Sent: Friday, August 10, 2012 2:07 PM
To: Van Bussum, Monica
Subject: FW: Wickel Rental

Monica,

In response to current correspondence with Bryan Jentzsch, Cindy Yenter, Jeanie Roberts and yourself, the following breakdown has been modeled for the Ardel Wickel rental application for 55.6 acres. The rental will be for two years due to the lease period of 36-16924 that ends 12/31/2013. All the ESPA modeling was based on a two year rental starting in 2012 and ending in 2013.

Wickel needs to rent 55.6 acres total for the Lincoln County Farm. The 55.6 acres should be come from the following water rights.

8.1 acres to be rented from 36-2430, 36-8008 and 36-8401

Lease accepted 9/06

Lease expires 12/16

25.6 acres to be rented from 36-16924 (parent 36-2122A)

Lease accepted 8/10

Lease expires 12/13

11.4 acres to be rented from 36-2635

Lease accepted 10/10

Lease expires 12/15

2.2 acres to be rented from 36-11328

Lease accepted 10/10

Lease expires 12/15

8.3 acres to be rented from 36-2453A and 36-13065A

Lease accepted 10/10

Lease expires 12/15

ESPA model analysis shows that Total Reach Depletion impacts are less than 2.0 AF/Trimester per river reach. No mitigation required.

Let me know if there is any additional information that you need to process the rental application.

Greg Sullivan
2016 N. Washington St. Suite 4
Twin Falls, Id 83301
208-736-8543

From: Greg Sullivan [<mailto:greg.sullivan@brockwayeng.com>]
Sent: Wednesday, August 08, 2012 5:12 PM
To: 'Van Bussum, Monica'
Subject: RE: Wickel Rental

Monica,

Wickel needs to rent 55.6 acres total for the Lincoln County Farm. The 55.6 acres should be able to come from the following water rights.

8.1 acres to be rented from 36-2430, 36-8008 and 36-8401
33.9 acres to be rented from 36-16924 (parent 36-2122A)
11.4 acres to be rented from 36-2635
2.2 acres to be rented from 36-11328

I only listed the changes that are to be made in my last email. The other rental amounts and water right sources are to remain unchanged from the original rental proposal. Sorry for the confusion.

Greg

From: Van Bussum, Monica [<mailto:Monica.VanBussum@idwr.idaho.gov>]
Sent: Wednesday, August 08, 2012 5:05 PM
To: Greg Sullivan
Subject: RE: Wickel Rental

Hi Greg,

In reading this, it appears Wickel wants to rent:

- 8.1 acres from 36-2430, 36-8008 and 36-8401
- 33.9 acres from 36-16924

And that's it. Am I getting this?

Monica

From: Greg Sullivan [<mailto:greg.sullivan@brockwayeng.com>]
Sent: Wednesday, August 08, 2012 4:55 PM
To: Van Bussum, Monica
Subject: Wickel Rental

Monica,

It is necessary to amend the water rights and amounts to be utilized for the rental of water for the Wickel Farm known as the Lincoln County Farm. The diversion, volume and acre amount of the original rental application will remain unchanged.

An amendment of the original 15.1 acres of water rented from 36-2254A, 36-2284 and 36-8401 has been changed to 0.0 acres to be rented from 36-2254A, 36-2284 and 36-8401.

An amendment of the original 26.9 acres of water rented from 36-2430, 36-8008 and 36-8401 has been changed to 8.1 acres to be rented from 36-2430, 36-8008 and 36-8401.

A new rental amount of 33.9 acres will be rented from 36-16924 (parent 36-2122A).

Greg Sullivan
2016 N. Washington St. Suite 4
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208-736-8543

No virus found in this message.

Checked by AVG - www.avg.com

Version: 2012.0.2178 / Virus Database: 2437/5186 - Release Date: 08/08/12

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Version: 2012.0.2178 / Virus Database: 2437/5197 - Release Date: 08/13/12

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Version: 2012.0.2197 / Virus Database: 2437/5211 - Release Date: 08/20/12

ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF AGRICULTURE

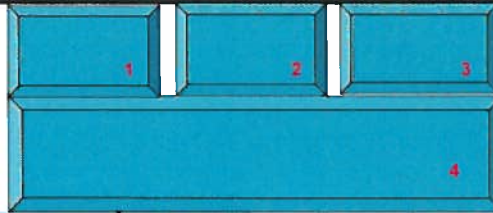
Cells this color are set up for user entries

ENTER STARTING DATE FOR

SIMULATION. THEN PUSH "UPDATE DATES" BUTTON

TRANSFER NO:
YEAR 1955
SEASON SPRING

TRANSFER NAME:



Lease Period
10/10-12/15
36-2635
36-7216
36-11328

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	61	73		
COLUMN	51	53		

13.8 Acres
54.4 AFA

TRIMESTER OF ACTIVITY	TO WELL Protected 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 1955	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1955	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1956	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1956	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1957	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1957	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1958	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1958	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1959	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1959	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1960	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1960	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1961	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1961	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1962	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1962	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1963	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1963	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1964	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1964	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1965	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1965	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1966	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1966	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1967	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1967	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1968	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1968	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1969	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1969	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1970	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1970	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1971	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1971	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1972	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1972	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1973	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1973	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1974	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1974	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1975	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1975	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1976	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1976	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1977	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1977	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1978	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1978	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1979	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1979	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ENHANCED GROUND-WATER RIGHTS TRANSFER

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IDAHO DEPA

Cells this color are
set up for user entries

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

TRANSFER NO:
YEAR 1955
SEASON SPRING

TRANSFER NAME:

Lease Period

10/10-12/15

36-2635

36-7216

36-11328

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	61	73		
COLUMN	51	53		

13.6 Acres

54.4 AFA

TRIMESTER OF ACTIVITY	TO WELL Protected 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 1980	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1980	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1981	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1981	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1982	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1982	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1983	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1983	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1984	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1984	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1985	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1985	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1986	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1986	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1987	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1987	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1988	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1988	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1988	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1989	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1989	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1989	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1990	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1990	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1990	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1991	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1991	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1991	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1992	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1992	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1992	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1993	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1993	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1993	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1994	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1994	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1994	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1995	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1995	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1996	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1996	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1997	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1997	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1998	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1998	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1999	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 1999	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2000	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2000	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2001	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2001	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2002	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2002	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2003	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2003	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2004	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2004	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

TRANSFER NO:

YEAR: 1955
SEASON: SPRING

TRANSFER NAME:

Lease Period
10/10-12/15
36-2635
36-7216
36-11328

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	61	73		
COLUMN	51	53		

13.6 Acres
54.4 AFA

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 2005	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2005	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2006	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2006	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2007	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2007	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2007	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2008	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2008	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2009	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2009	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2010	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2010	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2011	0.0	0.0	36.3	0.0	0.0	0.0	0.0
SUM 2011	0.0	0.0	18.1	0.0	0.0	0.0	0.0
WIN 2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2012	36.3	0.0	36.3	0.0	0.0	0.0	0.0
SUM 2012	18.1	0.0	18.1	0.0	0.0	0.0	0.0
WIN 2012	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2013	36.3	0.0	36.3	0.0	0.0	0.0	0.0
SUM 2013	18.1	0.0	18.1	0.0	0.0	0.0	0.0
WIN 2013	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2014	0.0	0.0	36.3	0.0	0.0	0.0	0.0
SUM 2014	0.0	0.0	18.1	0.0	0.0	0.0	0.0
WIN 2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2015	0.0	0.0	36.3	0.0	0.0	0.0	0.0
SUM 2015	0.0	0.0	18.1	0.0	0.0	0.0	0.0
WIN 2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2016	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2016	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2017	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2017	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2018	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2018	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2018	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2019	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2019	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2019	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2020	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2020	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2020	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2021	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2021	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2021	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2022	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2022	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2023	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2023	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2023	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2024	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2024	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2025	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2025	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2025	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2026	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2026	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2027	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2027	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2028	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2028	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2029	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2029	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2029	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

TRANSFER NO:

YEAR

1955

TRANSFER NAME:

SEASON

SPRING

Lease Period

10/10-12/15

36-2635

36-7216

36-11328

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	61	73		
COLUMN	51	53		

13.6 Acres

54.4 AFA

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 2030	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2030	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2030	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2031	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2031	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2031	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2032	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2032	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2033	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2033	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2033	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2034	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2034	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2034	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2035	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2035	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2035	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2036	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2036	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2036	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2037	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2037	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2037	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2038	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2038	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2038	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2039	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2039	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2039	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2040	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2040	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2040	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2041	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2041	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2041	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2042	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2042	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2042	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2043	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2043	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2043	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2044	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2044	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2044	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2045	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2045	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2046	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2046	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2046	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2047	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2047	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2047	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2048	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2048	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2048	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2049	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2049	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2049	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2050	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2050	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2050	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2051	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2051	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2051	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2052	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2052	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2052	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2053	0.0	36.3	36.3	0.0	0.0	0.0	0.0
SUM 2053	0.0	18.1	18.1	0.0	0.0	0.0	0.0
WIN 2053	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Trenesler

Trimester Annual	1	2	Trimester/ AF/T
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Rental Application Total Reach Depletion Impacts

Mitigation Check 1 - >10% of Historical	-1.1%	-0.9%	-0.7%	-0.7%	-0.9%	31.7%	24.5%	23.1%	20.7%	17.9%	11.8%
Mitigation Check 2 > 2 AFT	0.0	0.0	0.0	0.0	0.0	1.4	0.4	0.2	0.0	0.2	0.0

One-Way Analysis of Independent Transfers

Transfer 1 : Horizon to Wickel 38-2254A, 36-2284, 36-8401

WR No.	Div. Rate (CFS)	Catchment Vol. (AFAC)	No. of In. Acres	Priority Date	POD Location	Dedicated Vol. AFAC/ AFT	Model Node
Transfer 1: Proposed Steady State Impacts following Transfer							
Transfer: Worst Case Transient State Impacts following Transfer							

0.0%	Pre-SS	0.000 AFA	0.0 Acres
0.0%	Post-SS	0.000 AFA	0.0 Acres

Impact by Reach (AF/Trimester)

[illegible]

Steady State Analysis: Mitigation Check 1 - >10% of Historical
Mitigation Check 2 - > 2 AFIT
Mitigation Check 3 - >10% of Total:
Mitigation Requirement
Mitigation Vol. Required

Transient State Analysis	Mitigation Check 1 - > 10% of Historical Mitigation Check 2 - > 2 AFTT	Mitigation Required Mitigation Vol. Required
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[Read Me](#)

Transfer 2 : Horizon to Wickel 36-2430, 36-8008, 38-8402

WR No.	Div. Rate (GFS)	Con. Vol. (AFN)	No. of Ir. Acres	Priority Date	PCQ Location	Dedicated Vol. AFN/ AFT	Model Node
Transfer: Proposed Steady State Impacts following Transfer							
Transfer 1: Worst Case Transient State Impacts following Transfer							

100.0%	Pre-SS	32,400 AFA	8.1 Acres
100.0%	Post-SS	32,400 AFA	8.1 Acres

Impact by Reach (A/T/Timester)										
Ashton to Rensburg	Hesse to Shelley	Shelley to Nr Bickto	Nr Bickto to Neelley	Neelley to Mindoka	Dev. Wbl. to Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr to Malad	Malad to Bancroft		
0.09	0.10	0.77	2.70	0.50	3.69	1.17	0.72	0.08	0.61	0.52
0.09	0.10	0.77	2.69	0.50	3.68	1.17	0.72	0.08	0.60	0.02
0.09	0.10	0.77	2.70	0.80	3.79	1.17	0.72	0.08	0.61	0.02
0.09	0.10	0.77	2.69	0.80	3.70	1.17	0.72	0.08	0.60	0.02

Steady State Analysis	Mitigation Check 1 - >10% of Historical
	Mitigation Check 2 - > 2 AFTT
	Mitigation Check 3 - >10% of Total:
	Mitigation Req'd
	Mitigation Vol. Req'd

Transient State Analysis	Mitigation Check 1 - >10% of Historical Mitigation Check 2 - > 2 AFT	Mitigation Req'd Mitigation Vol. Req'd
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Transfer 3 : Jentsch to Wickel 36-2635, 36-7216, 36-11328

WR No.	Dr. Rate (CFS)	Can. Vol. (AFN)	No. of Irr. Acres	Priority Date	PDD Location	Dedicated Vol. AFN AFT	Model Node
Transfer: Proposed Steady State Impacts following Transfer							
Transfer: Worst Case Transient State Impacts following Transfer							

Impact by Reach (AP7/1month)										
Ashlon to Renzburg	Heese to Shaley	Shaley to Nr Bickto	Nr Bickto to Neesley	Neesley to Mindoka	Dev. WbL to BuN	BuN to Kapr	Kspr	Kspr to Malad	Malad	Malad to Bancroft
0.20	0.23	1.75	6.11	1.99	4.28	1.53	0.96	0.10	0.87	0.03
0.20	0.23	1.74	6.10	1.98	4.28	1.53	0.96	0.10	0.87	0.03
0.20	0.23	1.75	6.11	1.99	4.28	1.53	0.96	0.10	0.87	0.03
0.20	0.23	1.74	6.10	1.98	4.27	1.53	0.96	0.11	0.86	0.04

Steady State Analysis	Mitigation Check 1 - >10% of HIR
	Mitigation Check 2 - > 10% of HIR
	Mitigation Check 3 - >10% of HIR
	Mitigation Req'd
	Mitigation Vol. Req'd

Transient State Analysis	Mitigation Check 1 - >10% of H ₂ Mitigation Check 2 - > 2 Mitigation Req Mitigation Vol. Res'd
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Transfer 4 : Jentzsch to Wicke) 36-11328

WR No.	Div. Rate (CFS)	Con. Vol. (AF/A)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AF/A/ AFT	Model Node
Transfer: Proposed Steady State Impacts following Transfer							
Transfer: Worst Case Transient State Impacts following Transfer							

Impact by Reach (AF/Trimester)

[illegible]

Steady State Analysis	Mitigation Check 1 - >10% of H ₂
	Mitigation Check 2: >
	Mitigation Check 3 - >10% of
	Mitigation Req
	Mitigation Vol. Req'd

Transient State Analysis	Mitigation Check 1 - >10% of H ₂
	Mitigation Check 2 - > 10% of H ₂
	Mitigation Req'd
	Mitigation Vol. Req'd

Transfer 5:

Jentzsch 33.9 acres from 36-16924 (36-2122A) to Wickel

Transfer 5 : Jentzsch 33.9 acres from 36-16924 (36-2122A) to Wickel								100.0%	Pre-SS	102.400 AFA	25.6 Acres							
								100.0%	Post-SS	102.400 AFA	25.6 Acres							
WR No.	Div. Rate (CFS)	Con. Vol. (AFA)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT	Model Node	Impact by Reach (AF/Trimester)										
								Ashton to Reuburg	Hess to Shelby	Shelby to Nr Bickft	Nr Bickft To Nealey	Nealey to Mindoka	Dev. Vbl. To Buhl	Buhl to Kopr	Kopr to Malad	Malad to Bancroft		
Transfer: Proposed Steady State Impacts following Transfer								0.44	0.51	3.79	13.25	3.73	6.47	2.49	1.58	0.17	1.50	0.06
								0.44	0.51	3.79	13.24	3.73	6.47	2.49	1.58	0.17	1.50	0.06
Transfer: Worst Case Transient State Impacts following Transfer								0.44	0.51	3.80	13.28	3.75	6.48	2.50	1.58	0.17	1.50	0.06
								0.44	0.51	3.80	13.28	3.74	7.21	2.68	1.69	0.18	1.57	0.06
Steady State Analysis								Mitigation Check 1 - >10% of Historical	0.0%	0.0%	0.0%	0.0%	0.0%	-0.03%	0.0%	0.0%	0.0%	0.0%
								Mitigation Check 2 - > 2 AFIT	0.0	0.0	0.0	0.0	0.0	-0.002	0.0	0.0	0.0	0.0
								Mitigation Check 3 - >10% of Total	1.3%	1.5%	11.2%	39.8%	11.8%	7.3%	4.7%	0.5%	4.4%	0.2%
								Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
								Mitigation Vol. Req'd (ac-ft)	0.0	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	0.0%	0.0%	0.0%	0.0%	0.0%	11.33%	7.5%	6.9%	4.5%	2.7%
								Mitigation Check 2 - > 2 AFIT	0.0	0.0	0.0	0.0	0.0	0.73	0.2	0.1	0.0	0.0
								Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
								Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	0.0	0.0	0.73	0.2	0.1	0.0	0.0

Transfer 6:

Jentzsch 8.3 acres from 36-2453A and 36-13065A to Wickel

Transfer 6:							Jentzsch 8.3 acres from 36-2453A and 36-11065A to Wickel												
							100.0% Pre-SS 33.200 AFA 8.3 Acres												
							100.0% Post-SS 33.200 AFA 8.3 Acres												
WR No.	Div. Rate (CFS)	Con. Vol. (AFA)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT	Model Node	Impact by Reach (AF/Trimester)											
								Ashton to Reuburg	Hesse to Shelby	Shelby to Nr Bickft	Nr Bickft To Nealey	Nealey to Mindoka	Dev. Vbl. To Buhl	Buhl to Kopr	Kopr to Malad	Malad to Bancroft			
Transfer: Proposed Steady State Impacts following Transfer								0.14	0.16	1.22	4.25	1.19	2.14	0.82	0.52	0.08	0.49	0.02	
								0.14	0.16	1.22	4.25	1.19	2.14	0.82	0.52	0.08	0.49	0.02	
Transfer: Worst Case Transient State Impacts following Transfer								0.14	0.16	1.22	4.27	1.20	2.14	0.82	0.52	0.08	0.49	0.02	
								0.14	0.16	1.22	4.28	1.20	2.38	0.88	0.55	0.08	0.51	0.02	
Steady State Analysis								Mitigation Check 1 - >10% of Historical	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	
								Mitigation Check 2 - > 2 AFTT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
								Mitigation Check 3 - >10% of Total	1.3%	1.5%	11.1%	38.6%	10.8%	7.5%	4.7%	0.5%	0.0	0.0	
								Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
								Mitigation Vol. Req'd (ac-ft)	0.0	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	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	10.3%	6.6%	6.0%	4.9%	3.6%	1.8%
								Mitigation Check 2 - > 2 AFTT	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	
								Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
								Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0

Evaluation of overall mitigation requirements per reach Steady State and Transient State, and Off-Setting Benefits (Sum of reach debits only where mitigation is required and credits)

Carry out one way analysis. If reach depletions go up, it is a debit, if they go down, it is a credit. Sum all debits, only where mitigation is required (dark yellow), and all credits (light yellow). Mitigation is required for the full amount of the summed values if greater than zero.

Steady state analysis represents permanent mitigation requirements at future steady state (or last timestep from the ESPAM Transfer Tool model run).

Transient state analysis represents mitigation requirements for the worst or maximum time step in the model run.

Steady State Summary of Modified Stream Depletions Following Transfer(s)																
Impact by Reach (AF/Trimester)																
	Ashton to Reuburg	Hesse to Shelby	Shelby to Nr Bickft	Nr Bickft To Nealey	Nealey to Mindoka	Dev. Vbl. To Buhl	Buhl to Kopr	1000 Spr	1000 Spr to Malad	Malad	Malad to Bancroft					
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
Summary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					

Transient State Summary of Modified Stream Depletions Following Transfer(s)

Impact by Reach (AF/Trimester)																
Impact by Reach (AF/Trimester)																
	Ashton to Reuburg	Hesse to Shelby	Shelby to Nr Bickft	Nr Bickft To Nealey	Nealey to Mindoka	Dev. Vbl. To Buhl	Buhl to Kopr	1000 Spr	1000 Spr to Malad	Malad	Malad to Bancroft					
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
3	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.1	0.0	0.1	0.0					
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.1	0.0	0.1	0.0					
6	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0					
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
Summary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					

Evaluation of Permanent Mitigation Efforts (non-use, acreage consolidation) In Addition to Off-Setting Transfer Benefits - Steady State Evaluation Only

Set Aside 1 (Non-Use/Desiccation):

WR No.	Div. Rate (CFS)	Con. Vol. (AF/A)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AF/A/ AFT	Model Node	Impact by Reach (AF/Trimester)									
								Ashton to Reuburg	Hesse to Shelby	Shelby to Nr Bickft	Nr Bickft To Nealey	Nealey to Mindoka	Dev. Vbl. To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr	Malad	Malad to Bancroft
Non-Use: Proposed Steady State Impacts following Change																	
Non-Use 1: Worst Case Transient State Impacts following Change																	