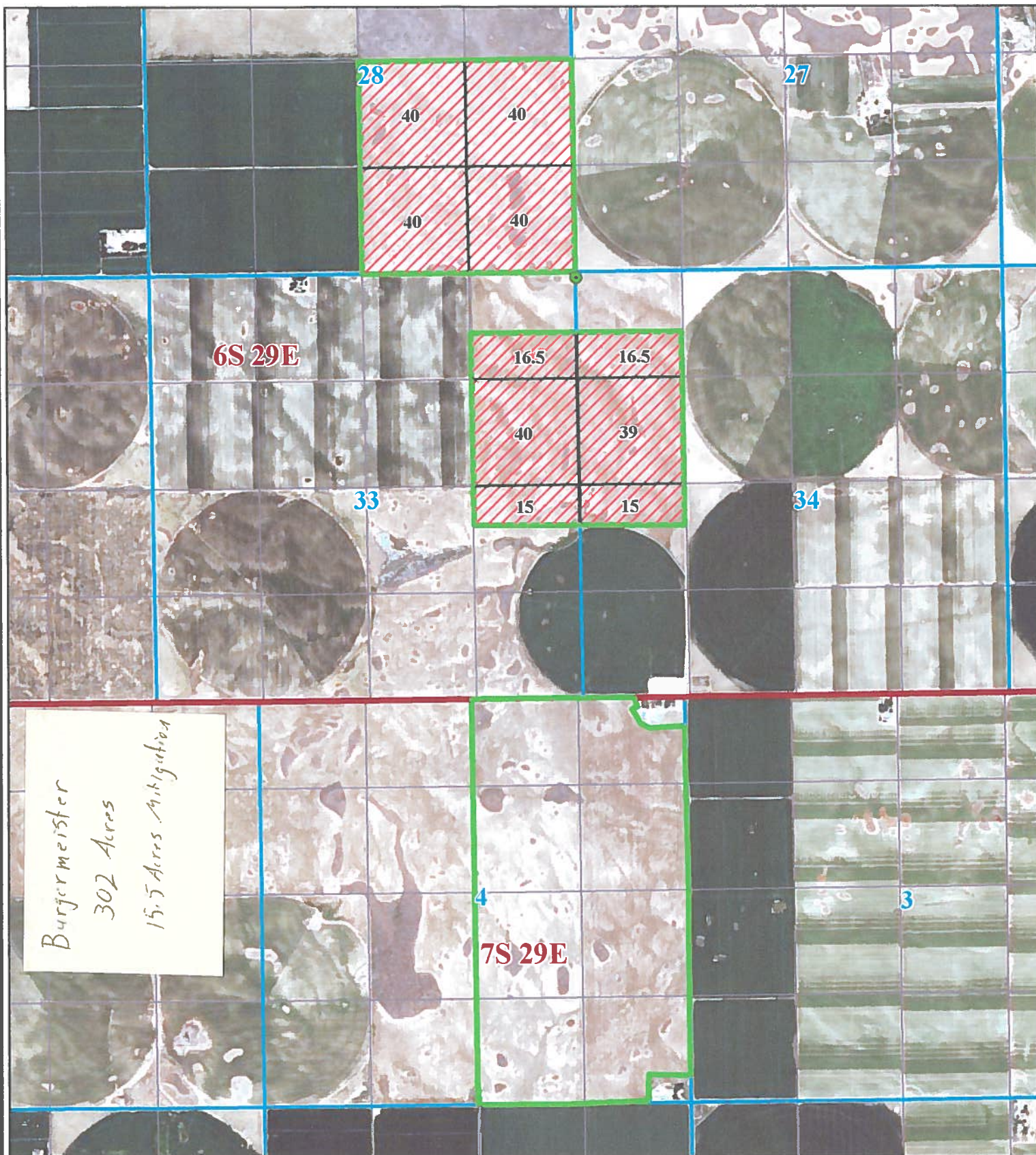




0 0.125 0.25 0.5 Miles

**FUNK, LANCE - BURGEMEISTER
WATER BANK RENTAL 2013, 302 ACRES
NAIP 2011 AERIAL**

BROCKWAY ENGINEERING, PLLC.
ALR - JAN 28, 2013

Legend

- BURGEMEISTER WELLS
- Burgermeister Project
- WBR Burgermeister 2013
- twnshp
- Section Lines
- QQ Lines



ENHANCED GROUND-WATER RIGHTS TRANSFER

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IDAHO DEPARTMENT OF AGRICULTURE

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ENTER STARTING DATE FOR

SIMULATION. THEN PUSH "UPDATE DATES" BUTTON

TRANSFER NO:

YEAR 1950

SEASON SPRING

TRANSFER NAME:

ENTER CELL LOCATIONS:

TO CELL	FROM1 CELL	FROM2 CELL	FROM3 CELL	35-7788B 2/16/1978	116.0 Acres	464.0 AFA
84	92	92	73	35-7789 2/16/1978	186.0 Acres	744.0 AFA
94	99	99	138	35-7534B 8/4/1979	15.5 Acres	62.0 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 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1955	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1956	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1957	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1958	0.0	0.0	0.0	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	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
WIN 1959	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
SUM 1960	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1961	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1962	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1963	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1964	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1965	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1966	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1967	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1968	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1969	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1970	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1971	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1972	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1973	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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"UPDATE DATES" BUTTON

TRANSFER NO:

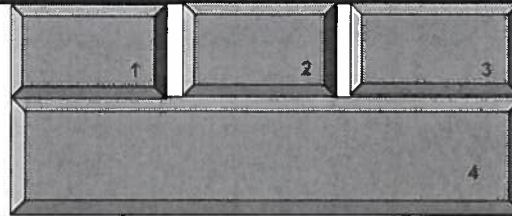
YEAR

1950

TRANSFER NAME:

SEASON

SPRING



ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL	35-77888 2/16/1978	116.0 Acres	464.0 AFA
ROW	84	92	92	73	35-7789 2/16/1978	186.0 Acres	744.0 AFA
COLUMN	94	99	99	138	35-75348 8/4/1979	15.5 Acres	62.0 AFA

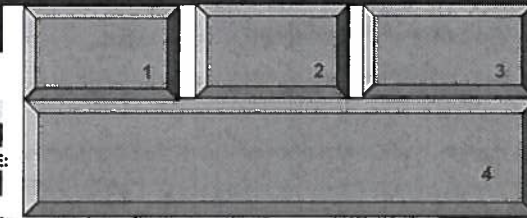
TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL		FROM2 WELL		FROM3 WELL	
		With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1975	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1976	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1977	0.0	0.0	0.0	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	154.7	154.7	248.0	248.0	0.0	0.0
SUM 1978	0.0	154.7	154.7	248.0	248.0	0.0	0.0
WIN 1978	0.0	154.7	154.7	248.0	248.0	0.0	0.0
SPR 1979	0.0	154.7	154.7	248.0	248.0	0.0	0.0
SUM 1979	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1979	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1980	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1980	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1980	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1981	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1981	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1981	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1982	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1982	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1982	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1983	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1983	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1983	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1984	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1984	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1984	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1985	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1985	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1985	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1986	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1986	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1986	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1987	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1987	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1987	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1988	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1988	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1988	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1989	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1989	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1989	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1990	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1990	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1990	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1991	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1991	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1991	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1992	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1992	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1992	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1993	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1993	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1993	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1994	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1994	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1994	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1995	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1995	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1995	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1996	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1996	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1996	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1997	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1997	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1997	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1998	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1998	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1998	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 1999	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 1999	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 1999	0.0	154.7	154.7	248.0	248.0	20.7	20.7

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

TRANSFER NO:

YEAR: 1950

SEASON: SPRING

TRANSFER NAME:

ENTER CELL LOCATIONS:		'FROM1' CELL	'FROM2' CELL	'FROM3' CELL			
ROW	TO' CELL	92	92	73	35-77888 2/16/1978	116.0 Acres	464.0 AFA
COLUMN	94	99	99	138	35-7789 2/16/1978	186.0 Acres	744.0 AFA
					35-75348 8/4/1979	15.5 Acres	62.0 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 2000	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2000	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2000	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2001	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2001	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2001	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2002	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2002	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2002	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2003	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2003	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2003	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2004	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2004	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2004	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2005	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2005	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2005	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2006	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2006	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2006	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2007	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2007	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2007	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2008	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2008	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2008	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2009	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2009	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2009	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2010	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2010	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2010	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2011	0.0	154.7	154.7	248.0	248.0	0.0	20.7
SUM 2011	0.0	154.7	154.7	248.0	248.0	0.0	20.7
WIN 2011	0.0	154.7	154.7	248.0	248.0	0.0	20.7
SPR 2012	0.0	154.7	154.7	248.0	248.0	0.0	20.7
SUM 2012	0.0	154.7	154.7	248.0	248.0	0.0	20.7
WIN 2012	0.0	154.7	154.7	248.0	248.0	0.0	20.7
SPR 2013	402.7	0.0	154.7	0.0	248.0	0.0	20.7
SUM 2013	402.7	0.0	154.7	0.0	248.0	0.0	20.7
WIN 2013	402.7	0.0	154.7	0.0	248.0	0.0	20.7
SPR 2014	402.7	0.0	154.7	0.0	248.0	0.0	20.7
SUM 2014	402.7	0.0	154.7	0.0	248.0	0.0	20.7
WIN 2014	402.7	0.0	154.7	0.0	248.0	0.0	20.7
SPR 2015	402.7	0.0	154.7	0.0	248.0	0.0	20.7
SUM 2015	402.7	0.0	154.7	0.0	248.0	0.0	20.7
WIN 2015	402.7	0.0	154.7	0.0	248.0	0.0	20.7
SPR 2016	0.0	0.0	154.7	0.0	248.0	20.7	20.7
SUM 2016	0.0	0.0	154.7	0.0	248.0	20.7	20.7
WIN 2016	0.0	0.0	154.7	0.0	248.0	20.7	20.7
SPR 2017	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2017	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2017	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2018	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2018	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2018	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2019	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2019	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2019	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2020	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2020	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2020	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2021	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2021	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2021	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2022	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2022	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2022	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2023	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2023	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2023	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2024	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2024	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2024	0.0	154.7	154.7	248.0	248.0	20.7	20.7

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

1950

TRANSFER NAME:

SEASON

SPRING

ENTER CELL LOCATIONS:

	TO CELL	FROM1 CELL	FROM2 CELL	FROM3 CELL	35-7788B 2/16/1978	116.0 Acres	464.0 AFA
ROW	84	92	92	73	35-7789 2/16/1978	186.0 Acres	744.0 AFA
COLUMN	94	99	99	138	35-7534B 8/4/1979	15.5 Acres	62.0 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 2025	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2025	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2025	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2026	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2026	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2026	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2027	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2027	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2027	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2028	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2028	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2028	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2029	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2029	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2029	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2030	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2030	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2030	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2031	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2031	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2031	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2032	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2032	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2032	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2033	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2033	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2033	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2034	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2034	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2034	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2035	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2035	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2035	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2036	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2036	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2036	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2037	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2037	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2037	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2038	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2038	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2038	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2039	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2039	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2039	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2040	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2040	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2040	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2041	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2041	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2041	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2042	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2042	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2042	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2043	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2043	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2043	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2044	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2044	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2044	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2045	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2045	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2045	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2046	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2046	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2046	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2047	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2047	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2047	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SPR 2048	0.0	154.7	154.7	248.0	248.0	20.7	20.7
SUM 2048	0.0	154.7	154.7	248.0	248.0	20.7	20.7
WIN 2048	0.0	154.7	154.7	248.0	248.0	20.7	20.7

[illegible]

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 (AFT/Trimester)											
	Ashion to Reuburg	Hesse to Shelley	Shelley to Nr Bickft	Nr Bickft To Neesley	Neesley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr to Malad	Malad to Bencroft		
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
Summar:	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 (AFT/Trimester)											
	Ashion to Reuburg	Hesse to Shelley	Shelley to Nr Bickft	Nr Bickft To Neesley	Neesley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr to Malad	Malad to Bencroft		
1	0.0	0.0	1.9	0.8	1.5	1.5	0.8	0.4	0.0	0.3	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
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Evaluation of transient state mitigation requirement is not comprehensive across all time steps. Instead this evaluation finds the maximum stream depletion following the start of the transfer and looks at depletion amounts from that time step. In many instances this depletion is greater than the depletion associated with the steady state condition or final time step. This evaluation is merely an indicator of whether transient depletions must be considered, not an indicator of all transient impacts.

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/Dislocation):

WR No.	Div. Rate (CFS)	Con. Vol. (AF)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT	Model Node
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Non-Use: Proposed Steady State Impacts following Change

Non-Use 1: Worst Case Transient State Impacts following Change

Impact by Reach (AFT/Trimester)

	Ashion to Reuburg	Hesse to Shelley	Shelley to Nr Bickft	Nr Bickft To Neesley	Neesley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr to Malad	Malad to Bencroft
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0.0000

0.0000

0.0000

0.0000

0.0000

SS Reach Impacts:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TS Reach Impacts:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Re-evaluation of overall mitigation requirements per reach, Steady State Only (Sum of reach debits only where mitigation is required and credits)

Steady State Summary of Modified Stream Depletions Following Transfer(s)											
Impact by Reach (AFT/Trimester)											
	Ashion to Reuburg	Hesse to Shelley	Shelley to Nr Bickft	Nr Bickft To Neesley	Neesley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr to Malad	Malad to Bencroft		
Total 1-Way Transfer Depletions:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Mitigation Efforts:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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 (AFT/Trimester)

	Ashion to Reuburg	Hesse to Shelley	Shelley to Nr Bickft	Nr Bickft To Neesley	Neesley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr to Malad	Malad to Bencroft
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Total 1-Way Transfer Depletions:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Mitigation Efforts:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

0.0000