

October 3, 2012

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DEPARTMENT OF
WATER RESOURCES

Monica Van Bussum

Idaho Department of Water Resources
Idaho Water Resource Board
P.O. Box 83720
Boise, ID 83720-0098

JCH Engineering & Consulting, PLLC

6755 N. Albert Lane
Idaho Falls, ID 83401
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Re: Water Supply Bank immediate release of 35-14162

Dear Ms. Van Bussum:

On behalf of Idaho Water Company, LLC I am requesting the release of 25-14380, 25-14382 & 35-14280 which were recently split from parent water right 35-14162 accepted into the water supply bank in 2007. These new water right splits represent the following portions:

25-14380 (priority 7/19/1973: 0.23 cfs, 60.0 afa, 15.0 ac) split by approved transfer 78016
25-14382 (priority 7/19/1973: 0.04 cfs, 10.0 afa, 2.5 ac) split by approved transfer 78019
35-14280 (priority 7/19/1973: 1.19 cfs, 310.0 afa, 77.5 ac) split by approved transfer 78017
=====

35-14162 (priority 7-19-1973: 1.46 cfs, 380.0 afa, 95.0 ac.) total requested for release.

For the remaining portion, Idaho Water Company would like to reduce the remaining term of the lease for 25-14381 from "Indefinite" to a period lasting through the end of the irrigation season in 2013 for the remainder of parent 35-14162 consisting of the following portion:

25-14381 (priority 7/19/1973: 0.21 cfs, 56.0 afa, 14.0 ac) split by approved transfer 78018
=====

35-14162 (priority 7-19-1973: 0.21 cfs, 56.0 afa, 14.0 ac) total to remain leased through 2013.

I understand that 95.8 acres of the 109 acres listed under the parent right were leased through the end of the 2015 irrigation season to Houghland Farms. In order to allow that obligation to continue, I have attached a transient ESPA transfer spreadsheet analysis showing that the following other water rights currently held in the Idaho Water Supply Bank meet the criteria for ESPA impacts and can be substituted allowing Houghland Farms to continue their current rental agreement through the end of 2015:

35-2251, et al	(90.0 afa)
35-13991	(62.4 afa)
35-7534B	(228.0 afa)
43-13595/13597	(3.6 afa)
=====	
Houghland 10/1/2013-10/31/2015	(384.0 afa)

According to the results of the ESPA Transfer spreadsheet analysis, mitigation is required specifically for the impacts associated with the use of 35-7534B, however the off-setting impacts associated with

the rental of the other water right portions provide adequate off-setting mitigation resulting in a net depletion within 10% of historical impacts at all transient model steps where mitigation is required.

The following table shows the calculated historical and off-setting impacts provided by the combined rentals. Impacts associated with the rental of 43-13595 & 43-13597 are not shown since mitigation is not required for that rental portion and it provides no useful offsetting mitigation.

Evaluation of Transient Required Mitigation & Off-Setting Impacts [acre-ft per trimester]
Near Blackfoot to Neeley Reach

	Authorized Impacts of Water Rights [acre-ft per trimester]				Residual + Rental	Net Impacts % of Authorized
	35-2251 et. Al.	35-7534B	35-13991	TOTAL		
WIN 2012	18.6	42.5	14.0	75.1	50.0	-33.5%
SPR 2013	18.6	42.5	14.0	75.1	62.8	-16.4%
SUM 2013	18.6	42.5	14.0	75.1	69.7	-7.3%
WIN 2013	18.6	42.5	14.0	75.1	73.8	-1.8%
SPR 2014	18.6	42.5	14.0	75.2	76.5	1.8%
SUM 2014	18.6	42.5	14.0	75.2	78.4	4.3%
WIN 2014	18.6	42.5	14.0	75.2	79.8	6.2%
SPR 2015	18.6	42.6	14.0	75.2	80.9	7.6%
SUM 2015	18.6	42.6	14.0	75.2	81.7	8.7%
WIN 2015	18.6	42.6	14.0	75.2	82.4	9.5%
SPR 2016	18.6	42.6	14.0	75.2	69.1	-8.2%
SUM 2016	18.6	42.6	14.0	75.2	67.4	-10.4%
WIN 2016	18.6	42.6	14.0	75.2	67.5	-10.3%
SPR 2017	18.6	42.6	14.0	75.2	68.0	-9.6%
SUM 2017	18.6	42.6	14.0	75.2	68.6	-8.8%
WIN 2017	18.6	42.6	14.0	75.2	69.1	-8.1%
SPR 2018	18.6	42.6	14.0	75.2	69.7	-7.4%
SUM 2018	18.6	42.6	14.0	75.2	70.2	-6.7%
WIN 2018	18.6	42.6	14.0	75.2	70.6	-6.2%
SPR 2019	18.6	42.6	14.0	75.2	71.0	-5.6%
SUM 2019	18.6	42.6	14.0	75.2	71.3	-5.2%
WIN 2019	18.6	42.6	14.0	75.2	71.7	-4.8%

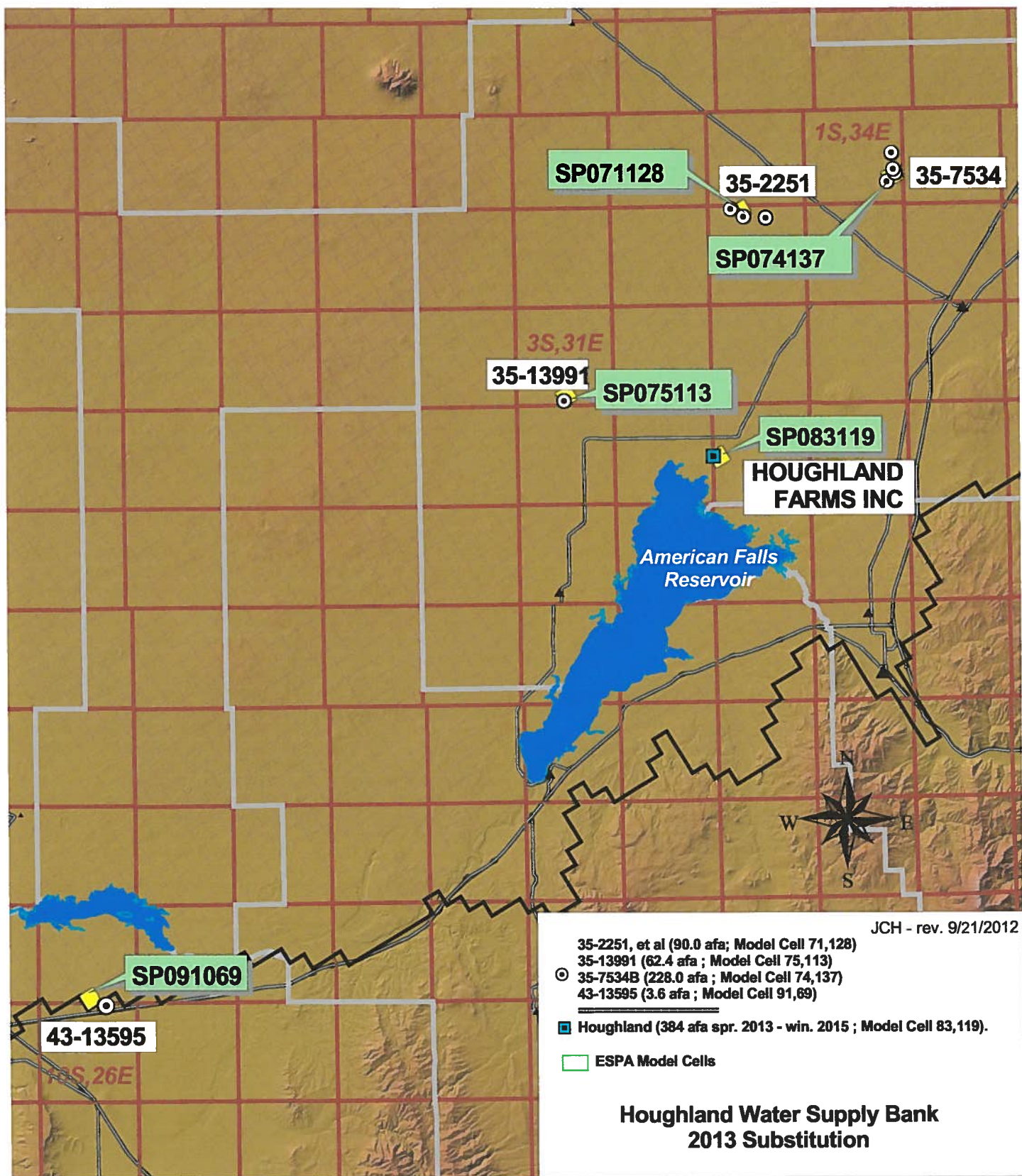
If there is anything I can do to expedite the substitution of the Houghland water supply bank rental as described allowing the quick release of these new splits of parent water right 35-14162 please let me know.

Thanks,


Jason C. Helms, P.E.

Attachments: Request for Water Supply Bank Release/Extension w/att.
MAP - Diversion Locations Within the ESPA
ESPA Water Rights Transfer Spreadsheet Model 1 Data Entry
ESPA Water Rights Transfer Spreadsheet Model 2 Data Entry

cc: Del Kohtz (Idaho Water Co.)



10 0 10 20 Miles

ENHANCED GROUND-WATER RIGHTS TRANSFER

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Cells this color are set up for user entries

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

TRANSFER NO:

WSB Replacement

YEAR

1952

TRANSFER NAME:

SEASON

SPRING

Houghland WSB

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL			
ROW	83	71	74	75	35-2251, et.al	9/15/1952	90.0
COLUMN	119	128	137	113	35-7534	8/4/1979	228.0
					35-13991	6/21/1955	62.4
	4S33E-19	2S33E-5	1S34E-25	3S,31E-33		Total:	380.4

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	FROM2 WELL With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	FROM3 WELL With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
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	30.0	30.0	0.0	0.0	0.0	0.0
SUM 1953	0.0	30.0	30.0	0.0	0.0	0.0	0.0
WIN 1953	0.0	30.0	30.0	0.0	0.0	0.0	0.0
SPR 1954	0.0	30.0	30.0	0.0	0.0	0.0	0.0
SUM 1954	0.0	30.0	30.0	0.0	0.0	0.0	0.0
WIN 1954	0.0	30.0	30.0	0.0	0.0	0.0	0.0
SPR 1955	0.0	30.0	30.0	0.0	0.0	0.0	0.0
SUM 1955	0.0	30.0	30.0	0.0	0.0	20.8	20.8
WIN 1955	0.0	30.0	30.0	0.0	0.0	20.8	20.8
SPR 1956	0.0	30.0	30.0	0.0	0.0	20.8	20.8
SPR 1979	0.0	30.0	30.0	0.0	0.0	20.8	20.8
SUM 1979	0.0	30.0	30.0	76.0	76.0	20.8	20.8
WIN 1979	0.0	30.0	30.0	76.0	76.0	20.8	20.8
SPR 1980	0.0	30.0	30.0	76.0	76.0	20.8	20.8
SUM 1980	0.0	30.0	30.0	76.0	76.0	20.8	20.8
WIN 1980	0.0	30.0	30.0	76.0	76.0	20.8	20.8
SPR 1981	0.0	30.0	30.0	76.0	76.0	20.8	20.8
SPR 2005	0.0	30.0	30.0	76.0	76.0	20.8	20.8
SUM 2005	0.0	30.0	30.0	76.0	76.0	20.8	20.8
WIN 2005	0.0	30.0	30.0	76.0	76.0	20.8	20.8
SPR 2006	0.0	35-2251: lease begin 2006	0.0	76.0	76.0	20.8	20.8
SUM 2006	0.0		0.0	76.0	76.0	20.8	20.8
WIN 2006	0.0		0.0	76.0	76.0	20.8	20.8
SPR 2007	0.0		0.0	76.0	76.0	20.8	20.8
SUM 2007	0.0		0.0	76.0	76.0	20.8	20.8
WIN 2007	0.0		0.0	76.0	76.0	20.8	20.8
SPR 2008	0.0		0.0	76.0	76.0	35-13991: lease begin 2008	0.0
SUM 2008	0.0		0.0	76.0	76.0		0.0
WIN 2008	0.0		0.0	76.0	76.0		0.0
SPR 2009	0.0		0.0	76.0	76.0		0.0
SUM 2009	0.0		0.0	76.0	76.0		0.0
WIN 2009	0.0		0.0	76.0	76.0		0.0
SPR 2010	0.0		0.0	76.0	76.0		0.0
SUM 2010	0.0		0.0	76.0	76.0		0.0
WIN 2010	0.0		0.0	76.0	76.0		0.0
SPR 2011	0.0		0.0	35-75348: lease begin 2011	0.0	76.0	0.0
SUM 2011	0.0		0.0		0.0	76.0	0.0
WIN 2011	0.0		0.0		0.0	76.0	0.0
SPR 2012	0.0		0.0		0.0	76.0	0.0

SUM 2012	0.0	0.0	30.0	0.0	76.0	0.0	20.8	
WIN 2012	126.8	JCH PE:	0.0	30.0	0.0	76.0	0.0	20.8
SPR 2013	126.8	Rental Begins	0.0	30.0	0.0	76.0	0.0	20.8
SUM 2013	126.8	Oct 2012	0.0	30.0	0.0	76.0	0.0	20.8
WIN 2013	126.8		0.0	30.0	0.0	76.0	0.0	20.8
SPR 2014	126.8		0.0	30.0	0.0	76.0	0.0	20.8
SUM 2014	126.8		0.0	30.0	0.0	76.0	0.0	20.8
WIN 2014	126.8		0.0	30.0	0.0	76.0	0.0	20.8
SPR 2015	126.8		0.0	30.0	0.0	76.0	0.0	20.8
SUM 2015	126.8		0.0	30.0	0.0	76.0	0.0	20.8
WIN 2015	126.8		0.0	30.0	0.0	76.0	0.0	20.8
SPR 2016	0.0		30.0	30.0	76.0	76.0	20.8	20.8
SUM 2016	0.0		30.0	30.0	76.0	76.0	20.8	20.8
WIN 2016	0.0		30.0	30.0	76.0	76.0	20.8	20.8
SPR 2017	0.0		30.0	30.0	76.0	76.0	20.8	20.8
SPR 2100	0.0		30.0	30.0	76.0	76.0	20.8	20.8
SUM 2100	0.0		30.0	30.0	76.0	76.0	20.8	20.8
WIN 2100	0.0		30.0	30.0	76.0	76.0	20.8	20.8
SPR 2101	0.0		30.0	30.0	76.0	76.0	20.8	20.8
SUM 2101	0.0		30.0	30.0	76.0	76.0	20.8	20.8
WIN 2101	0.0		30.0	30.0	76.0	76.0	20.8	20.8

ENHANCED GROUND-WATER RIGHTS TRANSFER

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ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON
YEAR: 1952
SEASON: SPRING

TRANSFER NO: WSB Replacement
TRANSFER NAME: Houghland WSB2

ENTER CELL LOCATIONS:

ROW	TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL			
	83	91			43-13595	5/4/1978	2.4
COLUMN	119	69			43-13597	5/23/1962	1.2
	4S33E-19	10S26E-2				Total:	3.6

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	FROM2 WELL With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	FROM3 WELL With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 1952	0.00	0.00	0.00	0.0	0.0	0.0	0.0
SUM 1952	0.00	0.00	0.00	0.0	0.0	0.0	0.0
WIN 1952	0.00	0.00	0.00	0.0	0.0	0.0	0.0
SPR 1953	0.00	0.00	0.00	0.0	0.0	0.0	0.0
WIN 1961	0.00	0.00	0.00	0.0	0.0	0.0	0.0
SPR 1962	0.00	0.39	0.39	0.0	0.0	0.0	0.0
SUM 1962	0.00	0.39	0.39	0.0	0.0	0.0	0.0
WIN 1962	0.00	0.39	0.39	0.0	0.0	0.0	0.0
SPR 1963	0.00	0.39	0.39	0.0	0.0	0.0	0.0
WIN 1977	0.00	0.39	0.39	0.0	0.0	0.0	0.0
SPR 1978	0.00	1.20	1.20	0.0	0.0	0.0	0.0
SUM 1978	0.00	1.20	1.20	0.0	0.0	0.0	0.0
WIN 1978	0.00	1.20	1.20	0.0	0.0	0.0	0.0
SPR 1979	0.00	1.20	1.20	0.0	0.0	0.0	0.0
WIN 1994	0.00	1.20	1.20	0.0	0.0	0.0	0.0
SPR 1995	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 1995	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 1995	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 1996	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 1996	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 1996	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 1997	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 1997	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 1997	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 1998	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 1998	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 1998	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 1999	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 1999	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 1999	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 2000	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 2000	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 2000	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 2001	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 2001	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 2001	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 2002	0.00	0.00	1.20	0.0	0.0	0.0	0.0

43-13595:
lease begin
1995

SUM 2002	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 2002	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 2003	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 2003	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 2003	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 2004	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 2004	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 2004	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 2005	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 2005	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 2005	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 2006	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 2006	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 2006	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 2007	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 2007	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 2007	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 2008	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 2008	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 2008	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 2009	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 2009	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 2009	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 2010	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 2010	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 2010	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 2011	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 2011	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 2011	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SPR 2012	0.00	0.00	1.20	0.0	0.0	0.0	0.0
SUM 2012	0.00	0.00	1.20	0.0	0.0	0.0	0.0
WIN 2012	1.20	Houghland: Rental begin Oct, 2012	0.00	1.20	0.0	0.0	0.0
SPR 2013	1.20		0.00	1.20	0.0	0.0	0.0
SUM 2013	1.20		0.00	1.20	0.0	0.0	0.0
WIN 2013	1.20		0.00	1.20	0.0	0.0	0.0
SPR 2014	1.20		0.00	1.20	0.0	0.0	0.0
SUM 2014	1.20		0.00	1.20	0.0	0.0	0.0
WIN 2014	1.20		0.00	1.20	0.0	0.0	0.0
SPR 2015	1.20		0.00	1.20	0.0	0.0	0.0
SUM 2015	1.20		0.00	1.20	0.0	0.0	0.0
WIN 2015	1.20		0.00	1.20	0.0	0.0	0.0
SPR 2016	0.00	1.20	1.20	0.0	0.0	0.0	0.0
SPR 2100	0.00	1.20	1.20	0.0	0.0	0.0	0.0
SUM 2100	0.00	1.20	1.20	0.0	0.0	0.0	0.0
WIN 2100	0.00	1.20	1.20	0.0	0.0	0.0	0.0
SPR 2101	0.00	1.20	1.20	0.0	0.0	0.0	0.0
SUM 2101	0.00	1.20	1.20	0.0	0.0	0.0	0.0
WIN 2101	0.00	1.20	1.20	0.0	0.0	0.0	0.0