

Van Dyke, Nick

From: Greg Sullivan [greg.sullivan@brockwayeng.com]
Sent: Friday, June 28, 2013 9:11 AM
To: Van Dyke, Nick
Cc: 'Rob Harris'
Subject: RE: Aberdeen Springfield lease/rental group
Attachments: Northern Ag 223.5 Acres.xlsx; Northern Ag 234 Acres.xlsx

Nick,

The ESPA model analysis for both the 223.5 and 234 acre rentals combine the net effects of the proposed transfer for the Near Blackfoot to Neeley and the Neeley to Minidoka river reaches. This approach has been accepted by IDWR on several previous transfer and rental applications when the proposed changes are close to the river and close to the edges of two adjacent river reaches. When the net effects of the combined river reaches are totaled. The net effect is a negative depletion in the combined river reach.

I have attached two excel spreadsheets used for the model analysis for the proposed rentals.

Greg Sullivan
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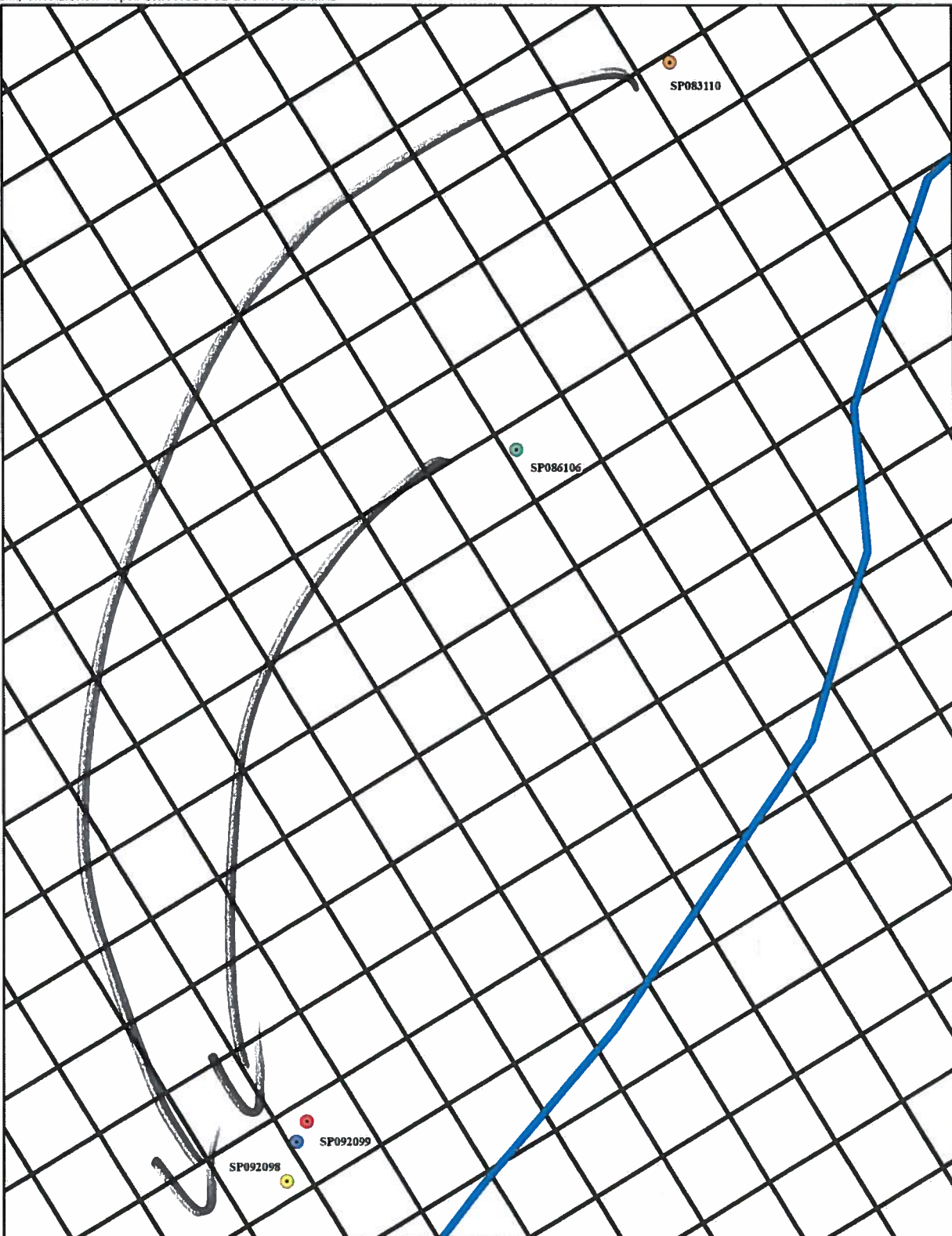
From: Van Dyke, Nick [<mailto:Nick.VanDyke@idwr.idaho.gov>]
Sent: Thursday, June 27, 2013 2:24 PM
To: Greg Sullivan
Subject: FW: Aberdeen Springfield lease/rental group

Greg

I've tried to reproduce the results submitted on these three rentals. I'm finding, with the data input given, the transient thresholds are being crossed in the 223.5 and 234 acre rentals. Summaries below. The 116 acre rental checks out.

223.5 results

Dedicated Vol.			Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Mir
AFA/	AFT							
				Pre-SS	5.4	6.4	54.2	218.2
				Post-SS	5.4	6.4	54.2	218.2
				Pre-TS	5.4	6.4	54.2	218.2
				Post-TS	5.4	6.4	54.2	218.2
0.0	0	0						
0.0	0	0						
Mitigation Check 1 - >10% of				Historical:	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2: > 2 AF/T:					0.0	0.0	0.0	0.0



0 1.5 3 Miles

FUNK, LANCE -WSB WATER RIGHTS POD LOCATIONS

Legend

- majriver_WGS84
- Model Grid
- 35-14056, 35-7789, 35-14058
- 35-14056, 35-14058
- 35-2543
- 35-4246
- 35-7788B



1
Van Dyke, Nick

From: Rob Harris [rharris@holdenlegal.com]
Sent: Friday, June 21, 2013 4:30 PM
To: Homan, John; Van Dyke, Nick
Cc: Greg Sullivan (greg.sullivan@brockwayeng.com)
Subject: ASCC/Funk Water Bank Rentals
Attachments: ASCC 's 2 Ground Water Rights

John and Nick:

I talked with Greg Sullivan today, and understand that there may be some concern with ASCC's ground water rights not having been pumped enough in order to cover the acres we are proposing through the water bank rental. I think the concept of what we are trying to accomplish is explained in the attached email from John. We recognize the water rights have not been used much historically, but because the land that will be irrigated with the rights is within ASCC's service area, we did not anticipate any historical use issue because it is within the service area of ASCC. I didn't see that Nick was copied on this email back when I received it, so I wanted to provide it to him.

I hope this provides some additional context and resolves any concerns Nick has with historical pumping records. Let us know if you need any other information.

Thanks,



Robert L. Harris
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- Talk to John / James
- ESPA modeling
- Green has to figure out

Idaho Department of Water Resources

WMIS

Water Management Information System



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Search Method:

WMIS Number

WMIS Number

210016

Search

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[Data Summary](#)
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Data Summary

annual af #5

You are viewing 210016; A0008774

Report Year	Alternate	FM	PCC	Time Clock
2012			0.00	
2011			0.00	
2010				
2009			0.00	
2008			0.00	
2007			542.20	
2006			0.00	
2005			271.19	
2004			698.90	
2003			0.00	
2002			262.90	
2001			1064.59	
2000			0.00	
1999			0.00	
1998			0.00	
1997			0.00	

35-2543

 $\bar{X} = 2,839.8/5$ $\bar{X} = 568 \text{ afa}$

Idaho Department of Water Resources

WMIS

Water Management Information System



Quick Search:

[For assistance, email](#)[WMIS Info](#)

Search Method:

WMIS Number

WMIS Number

210017

Search

You are logged in as nvandyke

[Point Of Diversion](#) [PCC](#) [Flow Meter](#) [Time Clock](#) [Alternate](#) [Contacts](#) [Data Summary](#)
[Other](#) [Logout](#)

Data Summary

*annual of
#1's*

You are viewing 210017; A0008773

Report Year	Alternate	FM	PCC	Time Clock
2012			0.00	
2011			0.00	
2010				
2009			0.00	
2008			0.00	
2007			450.25	
2006			0.00	
2005			186.27	
2004			863.00	
2003			536.21	
2002			62.00	
2001			0.00	
2000			0.00	
1999			0.00	
1998			0.00	
1997			0.00	

35-4246 *$\bar{X} = 2097.0 / 5$* *$\bar{X} = 419.6$*

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 35-4246

WATER RIGHT NUMBER: 35-4246

<u>Owner Type</u>	<u>Name and Address</u>
Attorney	LING & ROBINSON C/O ROGER D LING PO BOX 396 RUPERT, ID 83350-0396 (208)436-4717
Attorney	RANDALL C BUDGE RACINE OLSON NYE BUDGE & BAILEY CTD PO BOX 1391 POCATELLO, ID 83240-1391 (208)232-6101
Current Owner	ABERDEEN SPRINGFIELD CANAL CO PO BOX 857 ABERDEEN, ID 83210 (208)397-4192

Priority Date: 10/15/1934

Basis: Decreed

Status: Active

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

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
IRRIGATION	04/01 to 10/31	2.440 CFS	155.00 AF
	<u>Total Diversion:</u>	2.440 CFS	155.00 AF

Location of Point(s) of Diversion

GROUND WATER	SW1/4NW1/4	Sec. 4, Twp 06S, Rge 31E, B.M.
BINGHAM County		

Place of Use

IRRIGATION

Total Acres: 61772.6

Conditions of Approval:

1. E56 The rights listed below are limited to the irrigation of a combined total of 61,772.6 acres in a single irrigation season. Combined Right Nos.: 1-23B, 1-297, 35-2543, and 35-4246.

Van Dyke, Nick

From: Greg Sullivan [greg.sullivan@brockwayeng.com]
Sent: Friday, June 14, 2013 10:03 AM
To: Van Dyke, Nick
Subject: FW: ASCC 's 2 Ground Water Rights

Nick,

This is an email from John Homan concerning 35-2543 and 35-4246. John references power records indicating no pumping since 2007.

Let me know if this is sufficient for you.

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

From: Rob Harris [<mailto:rharris@holdenlegal.com>]
Sent: Friday, June 14, 2013 9:50 AM
To: Greg Sullivan (greg.sullivan@brockwayeng.com)
Subject: FW: ASCC 's 2 Ground Water Rights



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From: Homan, John [<mailto:John.Homan@idwr.idaho.gov>]
Sent: Wednesday, May 01, 2013 12:40 PM
To: Rob Harris

Cc: Luke, Tim; Baxter, Garrick; Cefalo, James; Weaver, Mathew; Whitney, Rob
Subject: ASCC 's 2 Ground Water Rights

Rob,

FYI, Here is a rough description of ASCC's two ground water rights and a possible path forward for this year that might allow Lance to irrigate.

Basin	Sequence	Process	Basis	Priority Date	Div Rate	Source List	Water Use	Current Owner	Volt
35	2543	Water Right	Decreed	8/7/1958	6.000	GROUND WATER	IRRIGATION	ABERDEEN SPRINGFIELD CANAL CO	2,54
35	4246	Water Right	Decreed	10/15/1934	2.440	GROUND WATER	IRRIGATION	ABERDEEN SPRINGFIELD CANAL CO	15

Partial decreed were issued for both rights on 2/29/2012. As far as I can tell, the rights are not currently leased to the Water Supply Bank but they have been leased to the bank in the past. I have asked Pam Skaggs to confirm that there is no activity in the bank for these two rights. There is one well under each right. Each well is located along one of the ASCC canals and they pump directly to the canal via open discharge pipeline. As per our power and water measurement records, the wells have not been used since 2007. Our water measurement notes indicate that the wells may be used for emergency purposes such as canal breaks.

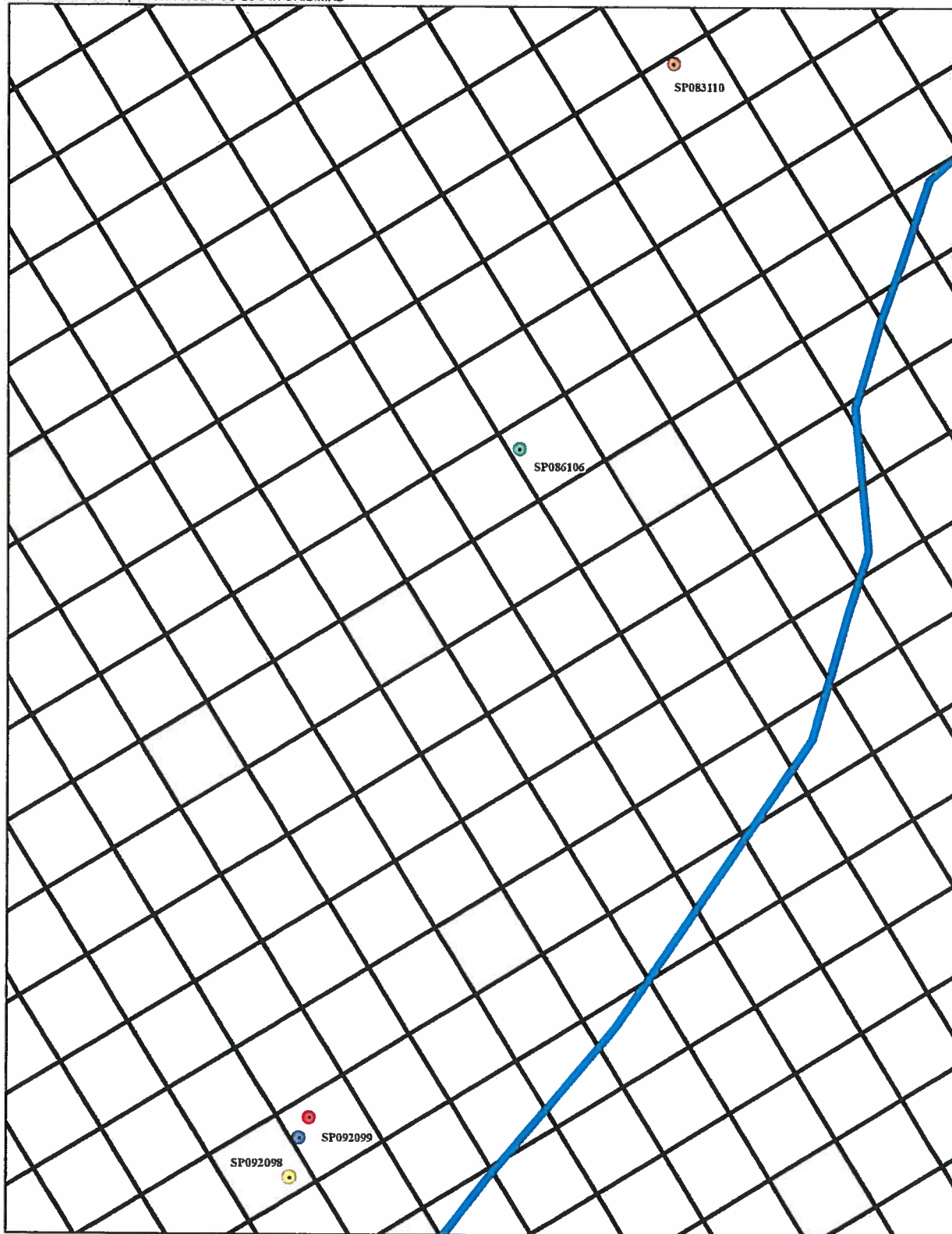
It appears that these two ground water rights provide a potential opportunity to address possible violation and compliance associated with the use of other wells as recovery head gates on ground for which there are no appurtenant ground water rights or where the ground water rights have been recently moved through the water supply bank. Based on the volume under the two rights and the normal allowed duty of 4.0 af/acre for this area, the rights could accommodate up to 675 acres.

John

No virus found in this message.

Checked by AVG - www.avg.com

Version: 2012.0.2242 / Virus Database: 3199/5910 - Release Date: 06/14/13



0 1.5 3 Miles

FUNK, LANCE -WSB WATER RIGHTS POD LOCATIONS

Legend

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- 35-14056, 35-7789, 35-14058
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234
223.5
116