

Van Bussum, Monica

From: Hal Anderson [hal@idahowaterengineering.com]
Sent: Thursday, February 09, 2012 3:10 PM
To: Van Bussum, Monica
Cc: dave@idahowaterengineering.com; Charles.Bryan@ubs.com
Subject: FW: question on Midnight Sun quantity
Attachments: Phase I&II aerial & SS.pdf; disclaim.txt

Monica,

Here is a detailed map of the lands that will be irrigated by the Midnight Sun water rental and existing water rights. The Midnight Sun pivots are colored orange. Your diversion calculations and acreages all seem consistent with what we calculated so everything looks fine. Also an FYI the green pivots are served by the rental requested by Owyhee Farming Co. I believe they also have a rental application on your desk. Thanks for your quick turn-around on this. --Hal

From: Charles.Bryan@ubs.com [mailto:Charles.Bryan@ubs.com]
Sent: Thursday, February 09, 2012 2:50 PM
To: hal@idahowaterengineering.com
Subject: RE: question on Midnight Sun quantity

This will be fine Hal. I have attached the latest aerial photo to document the acres to be included in the rental agreement. Those acres are the "orange" highlighted pivots and total 1,283.68 acres. I believe this will satisfy the requirement but let me know if IDWR needs more.

Just a note: the "green" pivots are the Owyhee Farming Company LLC's lands within our farm and included in their own rental agreement.

Thanks! Charlie

Charles W Bryan, Jr
Director, NW Region
UBS AgriVest LLC
1314 12th Ave South, Suite 5
Nampa, ID 83653

(208) 466-0419 office
(208) 463-7675 fax

charles.bryan@ubs.com

From: Hal Anderson [mailto:hal@idahowaterengineering.com]
Sent: Thursday, February 09, 2012 2:34 PM
To: Bryan Jr., Charles
Subject: FW: question on Midnight Sun quantity

Charlie,

I was afraid that they would balk at just including the acreage limit within the 4128 acre permissible place of use. They want to know which acres will be irrigated every year, however if you want to change things around each year you can do that. I am sure they just want to make sure you don't irrigate more acreage than is authorized. Are you OK with this?

--Hal

From: Van Bussum, Monica [<mailto:Monica.VanBussum@idwr.idaho.gov>]

Sent: Thursday, February 09, 2012 2:20 PM

To: Hal Anderson

Subject: RE: question on Midnight Sun quantity

Hi Hal,

Just one more thing on this Midnight Sun rental. Shelley and Pam have asked that I include the following condition on the approval:

1. Irrigation under this rental agreement is limited to the irrigation of a specific 1,283.7 acres within the 4,128-acre place of use authorized by this rental in a single irrigation season. The specific 1,283.7 acres to be irrigated by the renter shall be identified prior to use by submittal of a land list and a representative electronic shape file or by submittal of a land list and a map sufficiently detailed to allow creation of an electronic shape file to be associated with this right in the geographic information system component of the water rights database maintained by the Department. Before changing the 1,283.7 acres to be irrigated within the 4,128-acre place of use, the renter shall submit a new land list and representative electronic shape file or map to the Department prior to the irrigation season in which the change will occur.

I will include this condition, and the diversion rate and volume limits that I emailed about yesterday, on the approval and will go ahead and mail it out so you and your client can review. Let me know if you have questions.

Monica

From: Hal Anderson [<mailto:hal@idahowaterengineering.com>]

Sent: Wednesday, February 08, 2012 9:32 PM

To: Van Bussum, Monica

Subject: RE: question on Midnight Sun quantity

Monica,

Your numbers seem right to me, but I will check with our client to make sure that he is OK with what we have. Thanks for your help! --Hal

From: Van Bussum, Monica [<mailto:Monica.VanBussum@idwr.idaho.gov>]

Sent: Wednesday, February 08, 2012 5:34 PM

To: Hal Anderson

Subject: question on Midnight Sun quantity

Hi Hal,

I'm processing the Midnight Sun rental application and just have a quick clarification on the quantity. I'm calculating the diversion rate and volume under 2-7062 a little differently. Your application says 2.36 cfs and 590 AFA. I'll explain how I calculate it.

Your proposed PPU is 1283.7 acres, for which you have 800 acres, so you need 483.7 acres from the Bank. You will be 368.6 of those acres from 2-7157C, so that leaves a balance of 115.1 acres to be rented under 2-7062. 2-7062 authorized 0.02 cfs per acre, which multiplied by 115.1 acres gives 2.30 cfs. Additionally, 2-7062 authorized 5 AF/ac, which multiplied by 115.1 acres gives 575.5 AFA.

Is that going to be okay with your client?

Thanks!

Monica

MONICA VAN BUSSUM

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Agri-Lines Irrigation



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Farm: Field1

Grower:

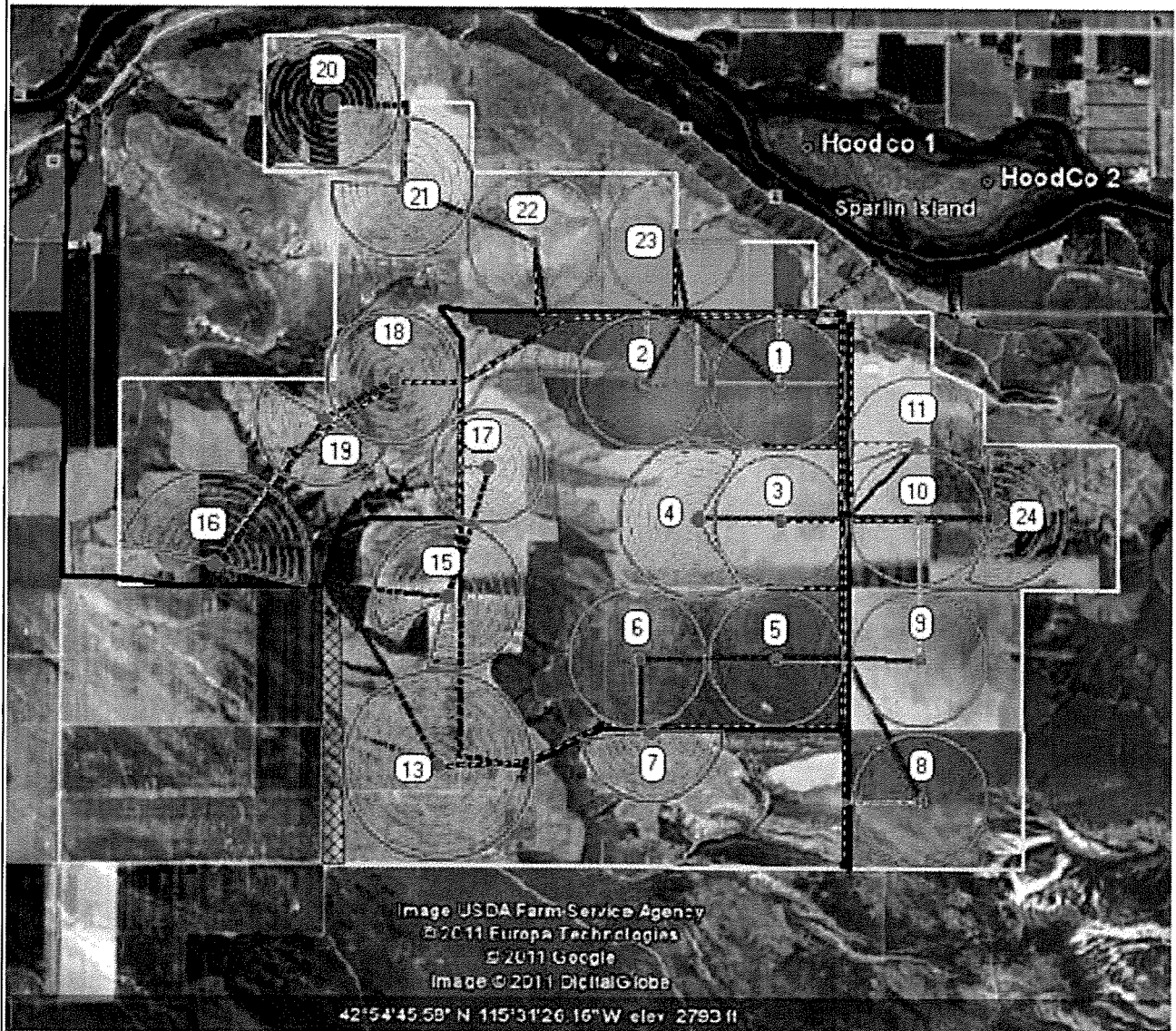
2/4/2012

Systems:	Length	Spans	Total area including endgun
● Pivot 1	1290.00 ft	(No spans)	120.02 acres
● Pivot 2	1318.00 ft	(No spans)	125.28 acres
● Pivot 3	1290.00 ft	(No spans)	120.02 acres
● Pivot 4	1527.50 ft	9 spans + 44 ft o.h.	113.63 acres
● Pivot 5	1290.00 ft	(No spans)	120.02 acres
● Pivot 6	1342.14 ft	(No spans)	129.91 acres
● Pivot 7	1370.42 ft	8 spans + 44 ft o.h.	64.19 acres
● Pivot 8	1318.00 ft	(No spans)	125.28 acres
● Pivot 9	1318.00 ft	(No spans)	125.28 acres
● Pivot 10	1318.00 ft	(No spans)	125.28 acres
● Pivot 11	1305.00 ft	(No spans)	73.35 acres
● Pivot 13	1837.42 ft	10 spans + 44 ft o.h.	243.49 acres
● Pivot 15	1435.92 ft	8 spans + 44 ft o.h.	129.29 acres
● Pivot 16	1815.58 ft	10 spans + 44 ft o.h.	118.15 acres
● Pivot 18	1300.67 ft	7 spans + 44 ft o.h.	122.01 acres
● Pivot 19	1348.58 ft	8 spans + 44 ft o.h.	66.31 acres
● Pivot 23	1318.00 ft	(No spans)	93.96 acres
● Pivot 22	1318.00 ft	(No spans)	125.28 acres
● Pivot 20	1315.75 ft	8 spans + 33 ft o.h.	124.86 acres
● Pivot 21	1359.42 ft	8 spans + 33 ft o.h.	100.70 acres
● Pivot 17	1121.75 ft	6 spans + 44 ft o.h.	90.75 acres
● Pivot 24	1359.42 ft	8 spans + 33 ft o.h.	80.71 acres

Pipe and Wire:	Length / Size	Description
● Pipe 1	5902.59 ft / 20"	Steel
● Pipe 2	927.95 ft / 20"	Steel
● Pipe 3	5655.70 ft / 16"	Steel
● Pipe 4	7919.77 ft / 18"	Steel
● Pipe 5	3356.18 ft / 20"	Steel
Pipe 6	1289.27 ft / 18"	Steel

●			
●	Pipe 7	1974.35 ft / 16"	Steel
●	Pipe 8	1712.78 ft / 15"	PVC
●	Pipe 9	7919.48 ft / 12"	PVC
●	Pipe 10	1483.32 ft / 20"	Steel
●	Pipe 11	1448.43 ft / 16"	Steel
●	Pipe 12	1560.19 ft / 12"	PVC
●	Pipe 13	2647.10 ft / 16"	Steel
●	Pipe 14	2715.40 ft / 12"	PVC
●	Pipe 15	1513.21 ft / 24"	Steel
●	Pipe 16	1389.38 ft / new 15"	
●	Pipe 17	1308.06 ft / new 10"	
●	Pipe 18	1351.03 ft / new 10"	
●	Pipe 19	1568.29 ft / new 10"	
●	Pipe 20	1377.53 ft / new 10"	
●	Pipe 21	1301.58 ft / new 10"	
●	Pipe 22	1459.29 ft / new 10"	
●	Pipe 23	2685.99 ft / new 10"	
●	Pipe 25	3768.70 ft / new 15"	
●	Pipe 26	1234.23 ft / new 8"	
●	Pipe 27	1353.57 ft / new 8"	
●	Pipe 28	1308.01 ft / new 12"	
●	Pipe 29	4726.15 ft / new 21"	
●	Pipe 30	2719.79 ft / new 12"	
●	Pipe 31	2914.54 ft / new 10"	
●	Pipe 32	538.00 ft / new 8"	
●	Pipe 33	2512.81 ft / new 10"	
●	Pipe 34	1498.11 ft / new 12"	
●	Pipe 36	1698.15 ft / new 12"	
●	Wire 1	1366.04 ft / #2	
●	Wire 2	3078.30 ft / 2 ought	
●	Wire 3	5588.86 ft / ??	4 ought, 2 ought, 1 ought
●	Wire 4	2831.99 ft / 2 ought, 1 ought	
●	Wire 5	2873.98 ft / 1 ought, #2	
●	Wire 6	1932.44 ft / #2	
●	Wire 7	2265.53 ft / #2	
●	Wire 8	1605.12 ft / #2	
●	Wire 9	1357.40 ft / #2	
●	Wire 10	6996.93 ft / ??	1500-4 ought, 2900-4 ought, 3000-2 ought
●	Wire 11	5451.75 ft / ??	500-2 ought, 3600-4 ought, 1620-#2
●	Wire 12	4691.81 ft / ??	2200-4 ought, 2700-1ought
●	Wire 13	3968.05 ft / 4 ought	

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acres in orange are Midnight Sun rental
mvanbussum 2/9/2012

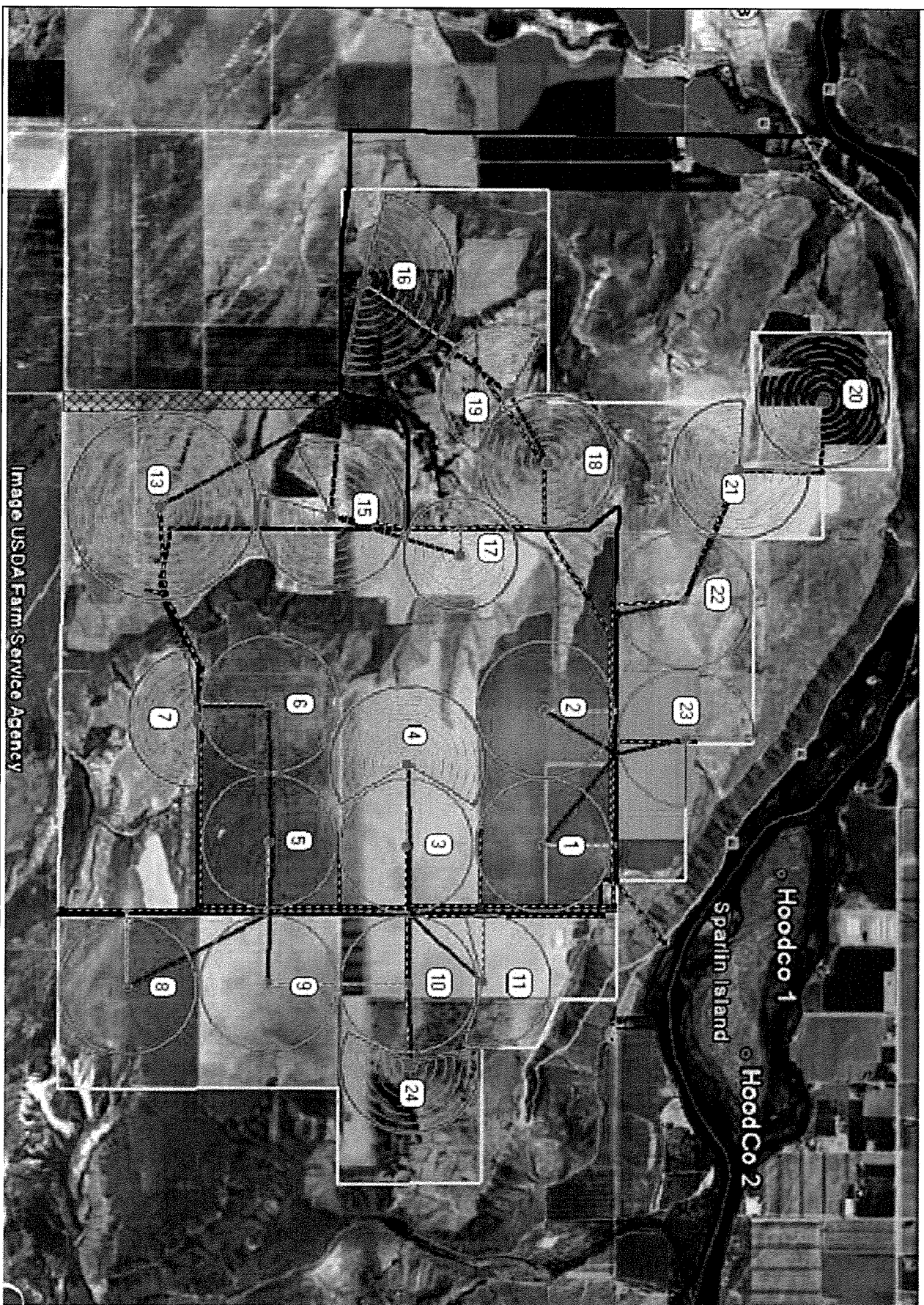


Image USDA Farm Service Agency