

RECEIVED

MAR 30 2009

DEPARTMENT OF
WATER RESOURCES

DISTRICT COURT - SRBA Fifth Judicial District County of Twin Falls - State of Idaho	
MAR 27 2009	
By _____	Clerk
Deputy Clerk	

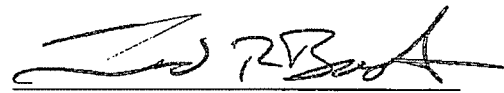
IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

In Re SRBA) AMENDED SPECIAL MASTER'S
Case No. 39576) REPORT
FOR WATER RIGHT 63-05036
_____)
)

A *Special Master's Report and Recommendation* was issued for the above-captioned water right on March 17, 2009. On March 25, 2009, the claimant of the water right, J. R. Simplot Company, sent correspondence to the Court stating that the *Recommendation* contained clerical errors which omitted some of the places of use. Those errors have now been corrected.

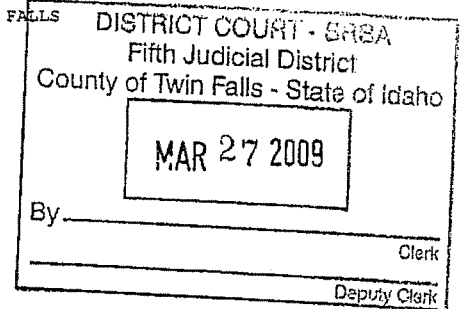
Therefore based on the file and record herein, IT IS RECOMMENDED that water right 63-05036 be decreed with the elements as set forth in the attached *Recommendation for Partial Decree Pursuant to I.R.C.P. 54(b)*.

Dated March 27, 2009


Theodore R. Booth
Special Master
Snake River Basin Adjudication

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO; IN AND FOR THE COUNTY OF TWIN FALLS

In Re SRBA)
) PARTIAL DECREE PURSUANT TO
) I.R.C.P. 54(b) FOR
Case No. 39576)
)
) Water Right 63-05036



NAME AND ADDRESS: J R SIMPLOT COMPANY
C/O TERRY UHLING
999 MAIN ST STE 1300
PO BOX 27
BOISE, ID 83707

SOURCE: GROUND WATER

QUANTITY: 2.67 CFS
1747.70 AFY

This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the lands herein. The rights listed below are limited to a total combined diversion rate of 12.48 cfs and a total combined annual diversion volume of 5779.7 AF. Combined Right Nos.: 63-4968, 63-5036, 63-5038, 63-5039, 63-2731, 63-5037, 63-21537, 63-21541 and 63-7678.

PRIORITY DATE: 03/10/1943

POINT OF DIVERSION: T04N R03W S18 LOT 8 (SW¹/₄) Within Canyon County
SE¹/₄
NWSE
S19 SENE
NESE
NWSE
S20 NESW
NWSW
NWSW

PURPOSE AND PERIOD OF USE:	PURPOSE OF USE	PERIOD OF USE	QUANTITY
Irrigation		03-01 TO 11-15	2.67 CFS
			600.80 AFY
Industrial		01-01 TO 12-31	2.67 CFS
			1146.90 AFY

Industrial use is for food processing plant.

PLACE OF USE:	Irrigation	Within Canyon County
T04N R03W S07 LOT 6	(SWSW) 7.0	LOT 7 (SESW) 3.0
S17 LOT 7	(NESW) 9.0	LOT 6 (NWSW) 5.0
	SWSW 21.0	SESW 34.0
S18 LOT 3	(NWNE) 14.0	LOT 4 (NENW) 31.0
LOT 5	(NWNW) 35.0	LOT 6 (SWNW) 29.0
	SENW 33.0	NESW 3.0
	NESE 1.0	NWSE 12.0
	SESE 26.0	
S19	NENE 30.0	NENW 24.0
LOT 1	(NWNW) 25.0	LOT 2 (SWNW) 31.0
	SENW 25.0	
S20	NENW 36.0	NWNW 20.0
	SWNW 25.0	SENW 32.0
R04W S12 LOT 10	(NESE) 2.0	NESE 1.0
	SESE 1.0	LOT 10 (SESE) 31.0
S13	NENE 34.0	NWNE 35.0
	SWNE 31.0	SENE 33.0

SRBA Partial Decree Pursuant to I.R.C.P. 54(b) (continued)

PLACE OF USE (continued)

		S24	SWNW 30.0	SESW 26.0
			NESW 34.0	NWSW 28.0
			SWSW 27.0	SESW 30.0
			SWSE 33.0	SESE 30.0
			NENE 7.0	SENE 9.0
		933.0 Acres Total		
Industrial				Within Canyon County
T04N R03W S07 LOT 6	(SWSW)	LOT 7	(SESW)	
S17 LOT 7	(NESW)	LOT 6	(NWSW)	
	SWSW		SESW	
S18 LOT 3	(NWNE)	LOT 4	(NENW)	
LOT 5	(NWNW)	LOT 6	(SWNW)	
	SESW		NESW	
	NESE		NWSE	
	SESE			
S19	NENE		NWNE	
	SWNE		SENE	
	NENW	LOT 1	(NWNW)	
LOT 2	(SWNW)		SESW	
	NESE		NWSE	
S20	NENW		NWNW	
	SWNW		SESW	
	NWSW			
R04W S12	NESE	LOT 10	(NESE)	
	SESE	LOT 10	(SESE)	
S13	NENE		NWNE	
	SWNE		SENE	
	SWNW		SESW	
	NESW		NWSW	
	SWSW		SESW	
	SWSE		SESE	
S24	NENE		NWNE	
	SWNE		SENE	

This right is limited to the irrigation of 133.5 acres within the place of use described above in a single irrigation season. The place of industrial use authorized by this right includes land upon which wastewater may be applied for irrigation purposes to satisfy water quality requirements. Water diverted under this right for industrial purposes shall not be used for irrigation unless the water is first used in the industrial facility as authorized by this water right.

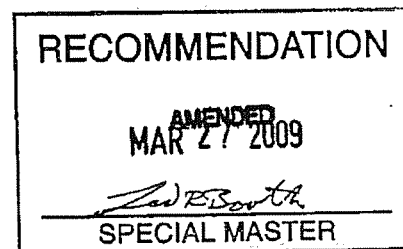
OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT ADMINISTRATION OF THE WATER RIGHTS AS MAY BE ULTIMATELY DETERMINED BY THE COURT AT A POINT IN TIME NO LATER THAN THE ENTRY OF A FINAL UNIFIED DECREE. I.C. SECTION 42-1412(6).

RULE 54(b) CERTIFICATE

With respect to the issues determined by the above judgment or order, it is hereby CERTIFIED, in accordance with Rule 54(b), I.R.C.P., that the court has determined that there is no just reason for delay of the entry of a final judgment and that the court has and does hereby direct that the above judgment or order shall be a final judgment upon which execution may issue and an appeal may be taken as provided by the Idaho Appellate Rules.

John M. Melanson
Presiding Judge of the
Snake River Basin Adjudication



DISTRICT COURT - SRBA Fifth Judicial District County of Twin Falls - State of Idaho	
MAR 27 2009	
By _____	Clerk
Deputy Clerk	

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

In Re SRBA)
)
Case No. 39576)
)
_____)

NOTICE OF ISSUANCE OF
SPECIAL MASTER'S
RECOMMENDATION

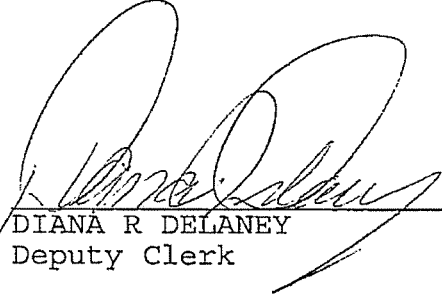
Water Right(s): 63-05036

On March 27, 2009, Special Master JOHN M MELANSON issued a SPECIAL MASTER'S RECOMMENDATION for the above subcase(s) pursuant to SRBA Administrative Order 1 (AO1), Section 13a.

Pursuant to SRBA Administrative Order 1, Section 13a, any party to the adjudication including parties to the subcase, may file a Motion to Alter or Amend on or before the 28th day of the next month.

Failure of any party in the adjudication to pursue or participate in a Motion to Alter or Amend the SPECIAL MASTER'S RECOMMENDATION shall constitute a waiver of the right to challenge it before the Presiding Judge.

DATED March 27, 2009.



DIANA R DELANEY
Deputy Clerk

DISTRICT COURT - SRBA	
Fifth Judicial District	
County of Twin Falls - State of Idaho	
MAR 27 2009	
By _____	Clerk
_____	Deputy Clerk

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

In Re SRBA)
)
Case No. 39576)
_____)

CERTIFICATE OF MAILING

Water Right(s) : 63-05036

CERTIFICATE OF MAILING

I certify that a true and correct copy of the SPECIAL MASTER'S REPORT, SPECIAL MASTER'S RECOMMENDATION FOR PARTIAL DECREE and NOTICE OF ISSUANCE OF SPECIAL MASTER'S REPORT AND RECOMMENDATION were mailed on March 27, 2009, with sufficient first-class postage prepaid to the following:

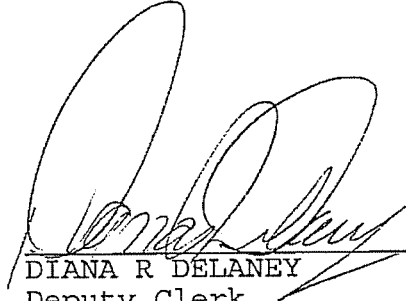
DIRECTOR OF IDWR
PO BOX 83720
BOISE, ID 83720-0098

J R SIMPLOT COMPANY
Represented by:
GRAY A YOUNG
J R SIMPLOT COMPANY
999 MAIN ST STE 1300
PO BOX 27
BOISE, ID 83707-0027
Phone: 208-336-2110

CERTIFICATE OF MAILING

PAGE 1
03/27/09

J R SIMPLOT COMPANY
Represented by:
TERRY T UHLING
J R SIMPLOT COMPANY
999 MAIN ST STE 1300
PO BOX 27
BOISE, ID 83707-0027
Phone: 208-336-2110



DIANA R DELANEY
Deputy Clerk

SF5 Right No. 63-5036

IDAHO DEPARTMENT OF WATER RESOURCES RECOMMENDED
WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 63-5036

NAME AND ADDRESS:

J R SIMPLOT CO
C/O TERRY UHLING
999 MAIN ST STE 1300
PO BOX 27
BOISE ID 83707

SOURCE:

Source:

Tributary:

GROUND WATER

QUANTITY:

2.670 CFS1,747.700 AFY

The rights listed below are limited to a total combined diversion rate of 12.48 cfs and a total combined annual diversion volume of 5779.7 AF. Combined Right Nos.: 63-4968, 63-5036, 63-5038, 63-5039, 63-2731, 63-5037, 63-21537, 63-21541 and 63-7678.

This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the lands above.

PRIORITY DATE: 03/10/1943

POINT OF DIVERSION:

T04N R03W S18 Lot 8 SWSW
Within CANYON CountyT04N R03W S18 SESW
Within CANYON CountyT04N R03W S18 NWSE
Within CANYON CountyT04N R03W S19 SENE
Within CANYON CountyT04N R03W S19 NESE
Within CANYON CountyT04N R03W S19 NWSE
Within CANYON CountyT04N R03W S20 NESW
Within CANYON CountyT04N R03W S20 NWSW
Within CANYON CountyT04N R03W S20 NWSW
Within CANYON CountyPURPOSE AND
PERIOD OF USE:

Purpose of use

Period of use:

Quantity:

IRRIGATION03/01 11/152.670 CFS600.80 AFYINDUSTRIAL01/01 12/312.670 CFS1,146.90 AFYIndustrial use is for food processing plant.

SF5 Right No. 63-5036

SF5 Right No. 63-5036

PLACE OF USE: IRRIGATION within CANYON County

T04N R03W S07 Lot 6 SWSW 7.0
T04N R03W S07 Lot 7 SESW 3.0
T04N R03W S17 Lot 7 NESW 9.0
T04N R03W S17 Lot 6 NWSW 5.0
T04N R03W S17 SWSW 21.0
T04N R03W S17 SESW 34.0
T04N R03W S18 Lot 3 NWNE 14.0
T04N R03W S18 Lot 4 NENW 31.0
T04N R03W S18 Lot 5 NWNW 35.0
T04N R03W S18 Lot 6 SWNW 29.0
T04N R03W S18 SENW 33.0
T04N R03W S18 NESW 3.0
T04N R03W S18 NESE 1.0
T04N R03W S18 NWSE 12.0
T04N R03W S18 SESE 26.0
T04N R03W S19 NENE 30.0
T04N R03W S19 NENW 24.0
T04N R03W S19 Lot 1 NWNW 25.0
T04N R03W S19 Lot 2 SWNW 31.0
T04N R03W S19 SENW 25.0
T04N R03W S20 NENW 36.0
T04N R03W S20 NWNW 20.0
T04N R03W S20 SWNW 25.0
T04N R03W S20 SENW 32.0
T04N R04W S12 NESE 1.0
T04N R04W S12 Lot 10 NESE 2.0
T04N R04W S12 SESE 1.0
T04N R04W S12 Lot 10 SESE 31.0
T04N R04W S13 NENE 34.0
T04N R04W S13 NWNE 35.0
T04N R04W S13 SWNE 31.0
T04N R04W S13 SENE 33.0
T04N R04W S13 SWNW 30.0
T04N R04W S13 SENW 26.0
T04N R04W S13 NESW 34.0
T04N R04W S13 NWSW 28.0
T04N R04W S13 SWSW 27.0
T04N R04W S13 SESW 30.0
T04N R04W S13 SWSE 33.0
T04N R04W S13 SESE 30.0
T04N R04W S24 NENE 7.0
T04N R04W S24 SENE 9.0

INDUSTRIAL within CANYON County

T04N R03W S07 Lot 6 SWSW

T04N R03W S07 Lot 7 SESW

T04N R03W S17 Lot 7 NESW

T04N R03W S17 Lot 6 NWSW

T04N R03W S17 SWSW

T04N R03W S17 SESW

T04N R03W S18 Lot 3 NWNE

T04N R03W S18 Lot 4 NENW

T04N R03W S18 Lot 5 NWNW

T04N R03W S18 Lot 6 SWNW

T04N R03W S18 SENW

T04N R03W S18 NESW

T04N R03W S18 NESE

T04N R03W S18 NWSE

T04N R03W S18 SESE

T04N R03W S19 NENE

T04N R03W S19 NWNE

T04N R03W S19 SWNE

T04N R03W S19 SENE

T04N R03W S19 NENW

T04N R03W S19 Lot 1 NWNW

T04N R03W S19 Lot 2 SWNW

T04N R03W S19 SENW

T04N R03W S19 NESE

T04N R03W S19 NWSE

T04N R03W S20 NENW

T04N R03W S20 NWNW

T04N R03W S20 SWNW

T04N R03W S20 SENW

T04N R03W S20 NWSW

T04N R04W S12 NESE

T04N R04W S12 Lot 10 NESE

T04N R04W S12 SESE

T04N R04W S12 Lot 10 SESE

T04N R04W S13 NENE

T04N R04W S13 NWNE

T04N R04W S13 SWNE

T04N R04W S13 SENE

T04N R04W S13 SWNW

T04N R04W S13 SENW

T04N R04W S13 NESW

T04N R04W S13 NWSW

T04N R04W S13 SWSW

T04N R04W S13 SESW

T04N R04W S13 SWSE

T04N R04W S13 SESE

SF5 Right No. 63-5036

T04N R04W S24 NENE

T04N R04W S24 NWNE

T04N R04W S24 SWNE

T04N R04W S24 SENE

933 ACRES TOTAL

This right is limited to the irrigation of 133.5 acres within the place of use described above in a single irrigation season.

The place of industrial use authorized by this right includes land upon which wastewater may be applied for irrigation purposes to satisfy water quality requirements. Water diverted under this right for industrial purposes shall not be used for irrigation unless the water is first used in the industrial facility as authorized by this water right.

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

~~No beneficial use found.~~

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

The following rights are diverted through points of diversion described above: 63-4968, 63-5036, 63-5038, 63-5039, 63-2731, 63-5037, 63-21537, 63-21541 and 63-7678. Use of this right is combined with water from Pioneer Dixie Ditch Co.

~~No beneficial use found. This is included for a claim based on beneficial use that is proposed to be disallowed because beneficial use of water was not confirmed by IDWRs field examination or by other evidence submitted by the claimant.~~

01/27/2009

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 63-5036

NAME AND ADDRESS: J R SIMPLOT CO
C/O TERRY UHLING
999 MAIN ST STE 1300
PO BOX 27
BOISE ID 83707

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 2.670 CFS
1,747.700 AFY

The rights listed below are limited to a total combined diversion rate of 12.48 cfs and a total combined annual diversion volume of 5779.7 AF. Combined Right Nos.: 63-4968, 63-5036, 63-5038, 63-5039, 63-2731, 63-5037, 63-21537, 63-21541 and 63-7678.

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T04N R03W S18 NWSE Within CANYON County
T04N R03W S19 SENE Within CANYON County
T04N R03W S19 NESE Within CANYON County
T04N R03W S19 NWSE Within CANYON County
T04N R03W S20 NESW Within CANYON County
T04N R03W S20 NWSW Within CANYON County
T04N R03W S20 NWSW Within CANYON County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION	03/01 11/15	2.670 CFS 600.80 AFY
INDUSTRIAL	01/01 12/31	2.670 CFS 1,146.90 AFY

Industrial use is for food processing plant.

PLACE OF USE: IRRIGATION in CANYON County

T04N R03W S07 Lot 6 SWSW	7.00	T04N R03W S07 Lot 7 SESW	3.00
T04N R03W S17 Lot 7 NESW	9.00	T04N R03W S17 Lot 6 NWSW	5.00
T04N R03W S17 SWSW	21.00	T04N R03W S17 SESW	34.00
T04N R03W S18 Lot 3 NWNE	14.00	T04N R03W S18 Lot 4 NENW	31.00
T04N R03W S18 Lot 5 NWNW	35.00	T04N R03W S18 Lot 6 SWNW	29.00

01/27/2009

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

T04N R03W S18	SENW	33.00	T04N R03W S18	NESW	3.00
T04N R03W S18	NESE	1.00	T04N R03W S18	NWSE	12.00
T04N R03W S18	SESE	26.00	T04N R03W S19	NENE	30.00
T04N R03W S19	NENW	24.00	T04N R03W S19 Lot 1	NWNW	25.00
T04N R03W S19 Lot 2	SWNW	31.00	T04N R03W S19	SENW	25.00
T04N R03W S20	NENW	36.00	T04N R03W S20	NWNW	20.00
T04N R03W S20	SWNW	25.00	T04N R03W S20	SENW	32.00
T04N R04W S12	NESE	1.00	T04N R04W S12 Lot 10	NESE	2.00
T04N R04W S12	SESE	1.00	T04N R04W S12 Lot 10	SESE	31.00
T04N R04W S13	NENE	34.00	T04N R04W S13	NWNE	35.00
T04N R04W S13	SWNE	31.00	T04N R04W S13	SENE	33.00
T04N R04W S13	SWNW	30.00	T04N R04W S13	SENW	26.00
T04N R04W S13	NESW	34.00	T04N R04W S13	NWSW	28.00
T04N R04W S13	SWSW	27.00	T04N R04W S13	SESW	30.00
T04N R04W S13	SWSE	33.00	T04N R04W S13	SESE	30.00
T04N R04W S24	NENE	7.00	T04N R04W S24	SENE	9.00

INDUSTRIAL in CANYON County

T04N R03W S07 Lot 6	SWSW		T04N R03W S07 Lot 7	SESW	
T04N R03W S17 Lot 7	NESW		T04N R03W S17 Lot 6	NWSW	
T04N R03W S17	SWSW		T04N R03W S17	SESW	
T04N R03W S18 Lot 3	NWNE		T04N R03W S18 Lot 4	NENW	
T04N R03W S18 Lot 5	NWNW		T04N R03W S18 Lot 6	SWNW	
T04N R03W S18	SENW		T04N R03W S18	NESW	
T04N R03W S18	NESE		T04N R03W S18	NWSE	
T04N R03W S18	SESE		T04N R03W S19	NENE	
T04N R03W S19	NWNE		T04N R03W S19	SWNE	
T04N R03W S19	SENE		T04N R03W S19	NENW	
T04N R03W S19 Lot 1	NWNW		T04N R03W S19 Lot 2	SWNW	
T04N R03W S19	SENW		T04N R03W S19	NESE	
T04N R03W S19	NWSE		T04N R03W S20	NENW	
T04N R03W S20	NWNW		T04N R03W S20	SWNW	
T04N R03W S20	SENW		T04N R03W S20	NWSW	
T04N R04W S12	NESE		T04N R04W S12 Lot 10	NESE	
T04N R04W S12	SESE		T04N R04W S12 Lot 10	SESE	

01/27/2009

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

T04N R04W S13	NENE	T04N R04W S13	NWNE
T04N R04W S13	SWNE	T04N R04W S13	SENE
T04N R04W S13	SWNW	T04N R04W S13	SENW
T04N R04W S13	NESW	T04N R04W S13	NWSW
T04N R04W S13	SWSW	T04N R04W S13	SESW
T04N R04W S13	SWSE	T04N R04W S13	SESE
T04N R04W S24	NENE	T04N R04W S24	NWNE
T04N R04W S24	SWNE	T04N R04W S24	SENE

933 ACRES TOTAL

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EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

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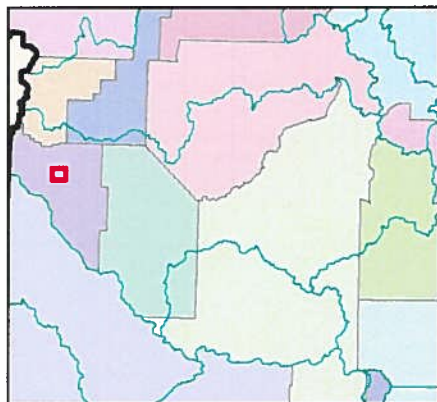
Use of this right is combined with water from Pioneer Dixie Ditch Co.



SRBA Recommendation
63-5036
(INDUSTRIAL)

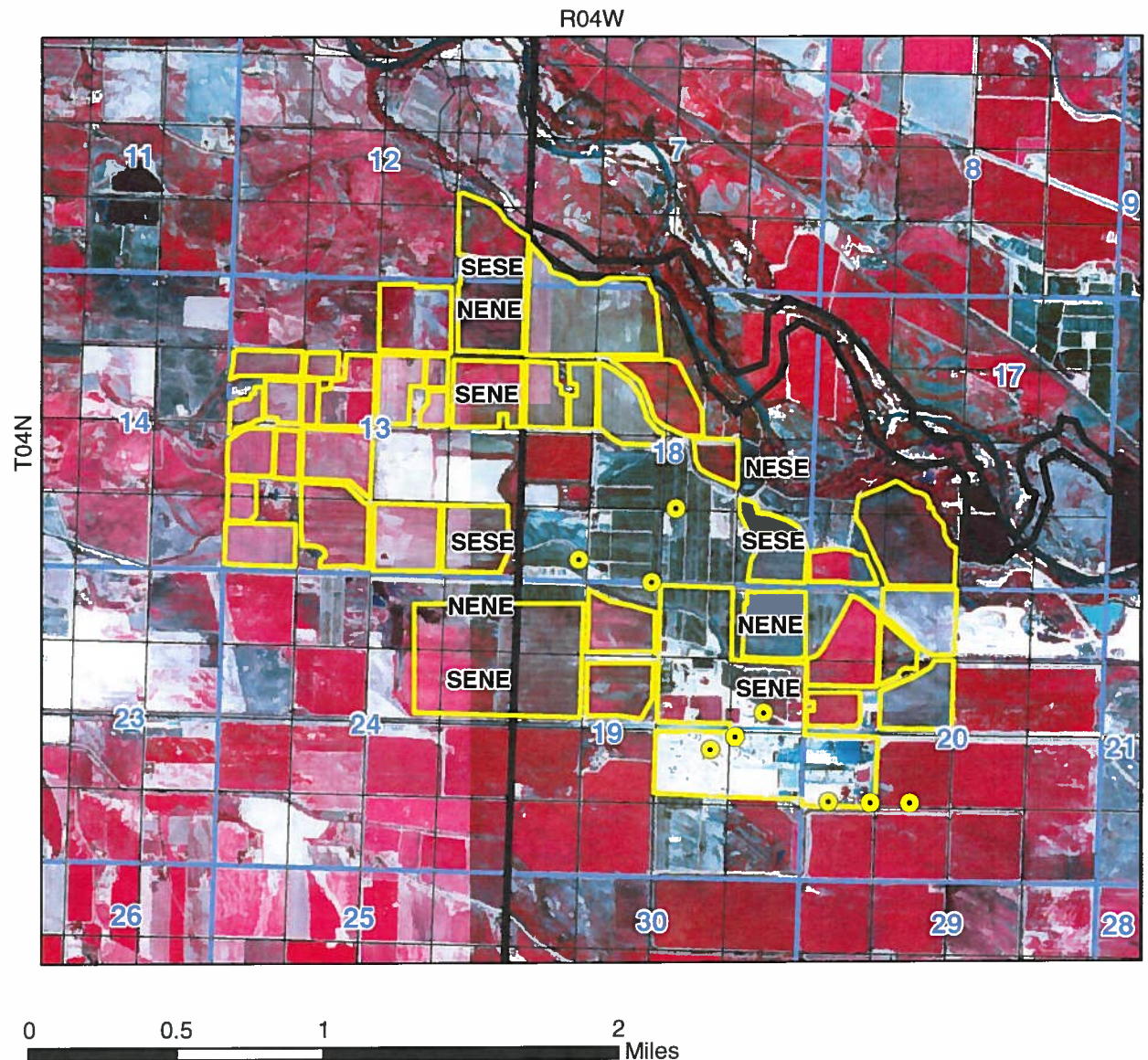
Legend

- Point of Diversion
- Place of Use
- State Outline
- Townships
- PLS Sections
- Quarter Quarters



Canyon County
IDWR Basin 63

Prepared by Kay Walker
On January 27, 2009
1987/88 Aerial Photography



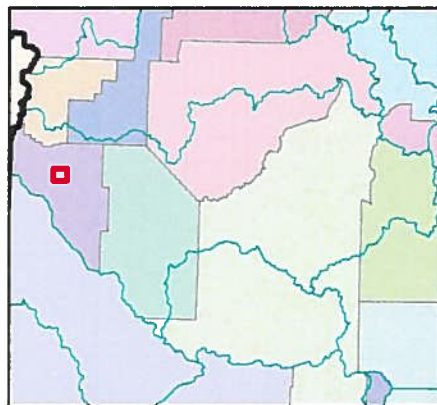


Idaho Department of Water Resources

SRBA Recommendation
63-5036
(IRRIGATION)

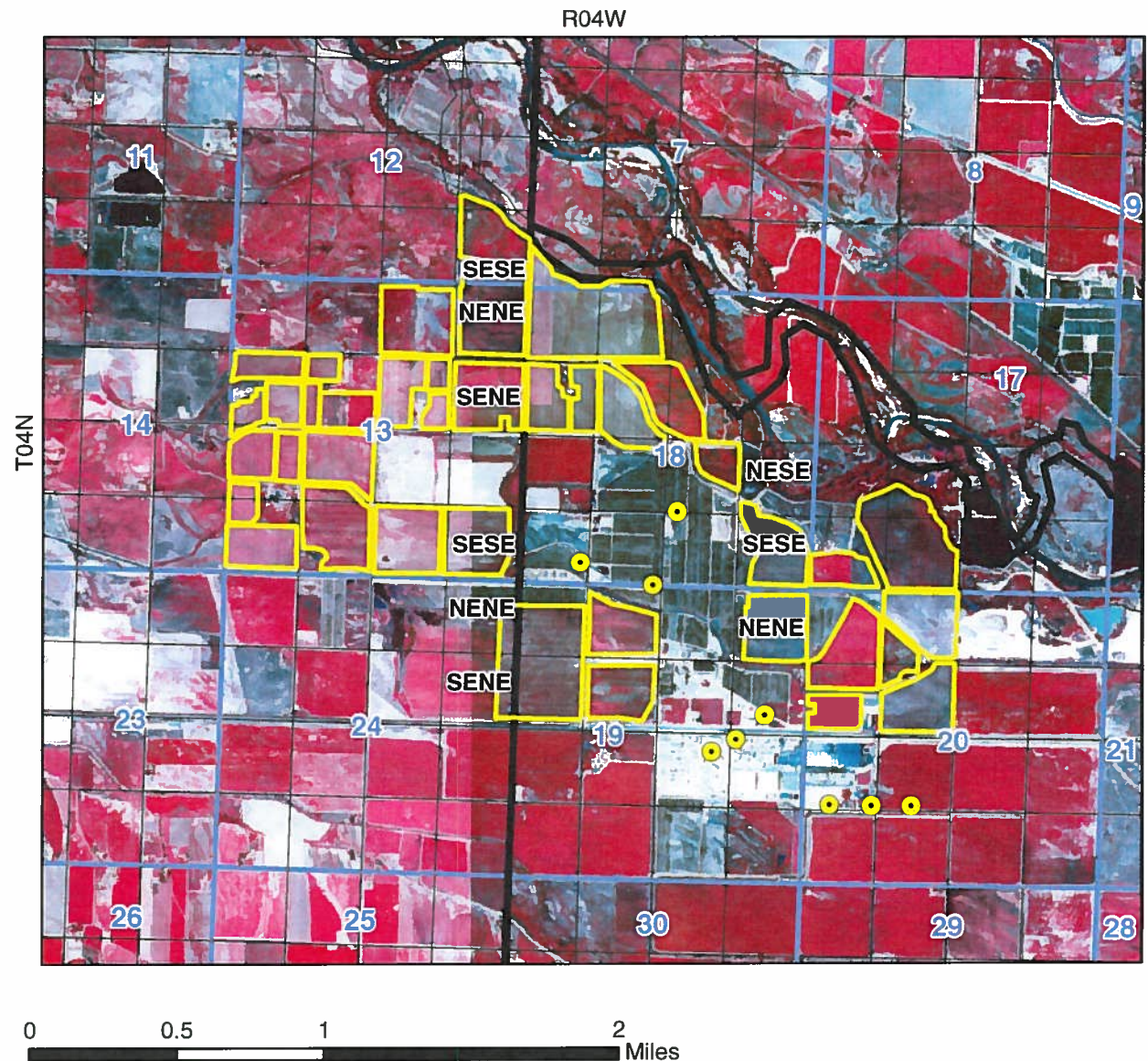
Legend

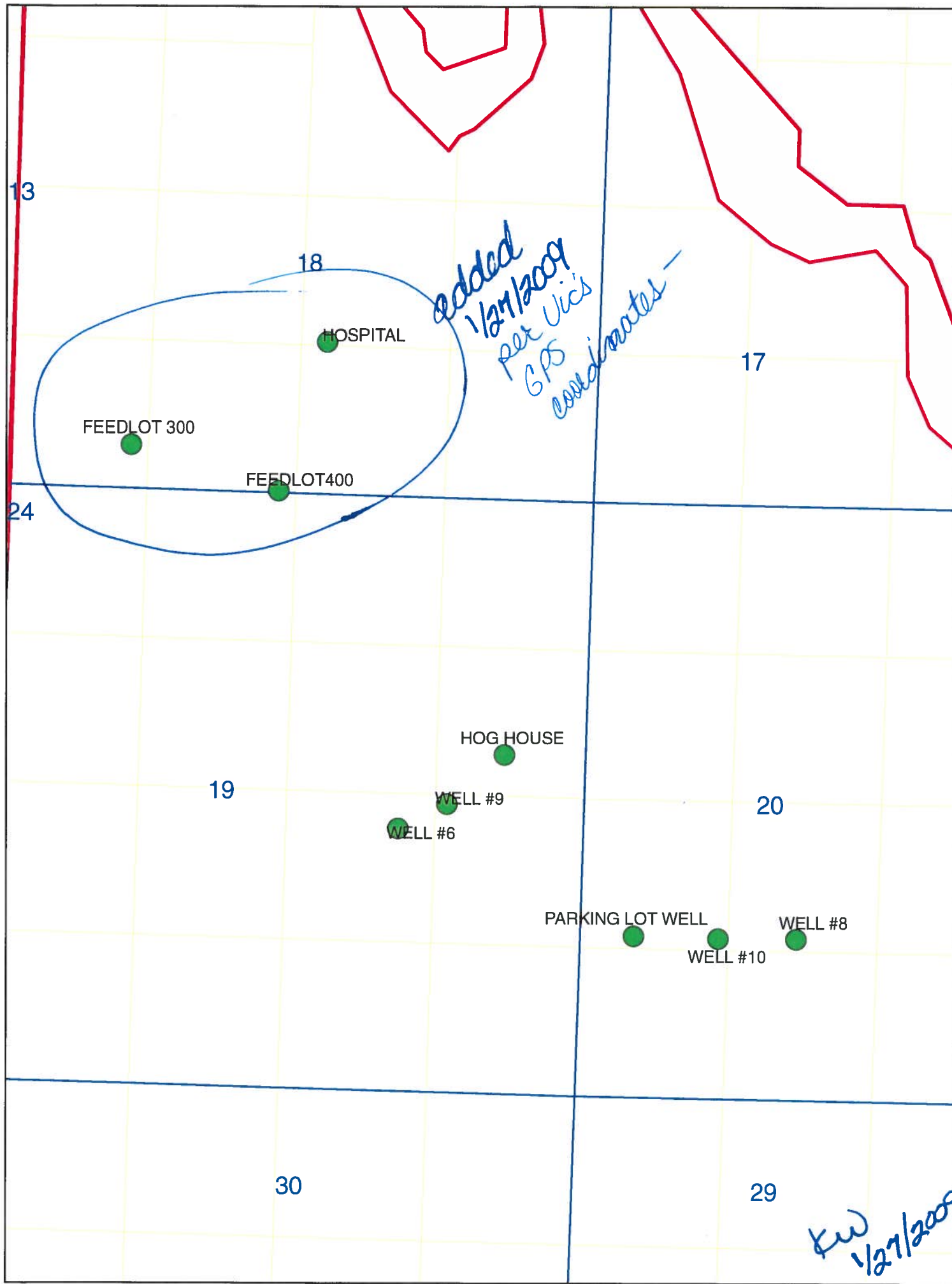
- Point of Diversion
- Place of Use
- State Outline
- Townships
- PLS Sections
- Quarter Quarters



Canyon County
IDWR Basin 63

Prepared by Kay Walker
On January 27, 2009
1987/88 Aerial Photography





Walker, Kay

From: Conrad, Vic E [Vic.Conrad@simplot.com]
Sent: Tuesday, January 27, 2009 7:56 AM
To: Walker, Kay
Subject: GPS Locations for Stock Water Wells at Caldwell.

Kay,
I visited each of the following wells on Friday, January 23, 2009 and obtained the following GPS coordinates:

Hospital Well:

N 43°40.822'
W 116°44.535' Elevation: 2,341 ft.

Feedlot 400 Well

N 43°40.662'
W 116°44.923 Elevation: 2,330 ft.

Feedlot 300 Well

N 43°40.602'
W 116°44.624' Elevation: 2,343 ft.

Please let me know if you need anything else for these.

Vic Conrad -

3 feedlot wells ^{are} still there →
main stockwater system

Kenneth Mefford affidavit
talks about these -

1 w/pump - "300 well" 63-76'
has power - "400 well" -
no power or pump → "hospital well" -
used till 1999 -

Call him to set up exam
time — fw 1/20/2009

MEMORANDUM

RECEIVED

NOV 20 2001

Department of Water Resources

TO: FILE 63-10034

FROM: DANIEL A. NELSON

DATE: 10/23/01

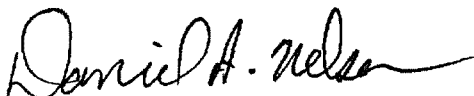
SUBJECT: RESOLUTION OF CONVERSATION MEMORANDUM DATED
3/19/1990

Over the past few months I have been working with Vic Conrad of JR Simplot in order to resolve the questions he raised with Steve Lester in a memo dated 3/19/1990. In our discussions I mentioned the 11/20/1986 memo from Don Martin of JR Simplot outlining their water rights included with the field exam and the Supplemental Information submitted by the field examiner, Carter Fritschle. All of the information provided in the field exam suggested that the Ethanol Plant use was covered under previous rights.

After discussing this information with Mr. Conrad, we agreed that the Ethanol Plant was covered under the other rights since the entire system is tied together. The industrial use has shifted from one use to another through conservation efforts of JR Simplot, but the amount of water use has not changed. All of the uses including the Ethanol Plant deal with potato processing, and should not be considered different than the original potato processing uses listed on the original licenses. The Ethanol Plant was in place prior to 1987, which would also qualify it for an accomplished transfer through the adjudication process.

Therefore, my review of the field exam for this permit is that it should be licensed as Mr. Fritschle recommended during his field exam and ~~not include the industrial use under this permit.~~

Respectfully,



Daniel A. Nelson
Sr. Water Right Agent

Common Systems Descriptions

The following is a list of legal descriptions for wells involved in two separate common water systems. The first common system is located at Simplot Feedlot #3 near Caldwell, Idaho. The primary function of this system is to provide stockwater for the feedlot #3, water for 4 domestics, and water to the offices.

The second common system is located at Simplot's food processing plant near Caldwell, Idaho. The primary function of this system is to provide industrial water to the food processing and waste recovery system.

Any one well from either system is considered an alternative point of diversion for any other well from either system.

1 = Indicates that well is in the Feedlot #3 common water system

2 = Indicates that well is in the Food processing common water system

Twp.	Rng.	Sec.	'1/4 of	'1/4 of	'1/4	Well is other wise known as:	Water system
4N	3W	19		SE	NE	HOG HOUSE WELL	1
X 4N	3W	19		NE	NW	300 WELL	1
4N	3W	19		NE	NW	NEW WELL	1
X 4N	3W	19		NW	NE	HOSPITAL WELL — 4N 3W 18	1 NWSE - per V.C. GPS
4N	3W	18		SE	SW	PEN 315 WELL	1
4N	3W	18		SW	SW	PEN 401 WELL	1
4N	4W	24		NE	NW	ARTESIAN 500 WELL	1
4N	4W	13		SW	SE	POST PLACE WELL	1
4N	3W	19	NE	NE	SE	WELL #3 — "South Well"	2
4N	3W	19	SW	SE	NE	WELL #4 — "Hog House Well"	2
4N	3W	19	NE	NW	SE	WELL #6	2
4N	3W	20	SW	NE	SW	WELL #8 —	2
4N	3W	19	NE	NW	NW	WELL #9	2
4N	3W	20	SE	NW	SW	WELL #10	2

* "400" well



INTER-OFFICE COMMUNICATION

FOOD DIVISION

TO: BOB WHIPKEY

DATE: NOVEMBER 20, 1986

FROM: DON MARTIN

RECEIVED

SUBJECT: CALDWELL WELLS

DEC 15 1986

J.R. SIMPLOT COMPANY

WELL LOCATIONS AT CALDWELL

Well numbers 1, 2, 3 and 9 are located in the NE 1/4 of the SE 1/4 of Section 19.

- A. No. 1 Well was drilled in 1943 under Permit No. 63-5036. Formerly referred to as the Main Well, it has been abandoned because of the amount of sand pumped.
- B. No. 2 Well was drilled in 1942 under Permit No. 63-4968. Formerly referred to as the Sulphur Well and used only for Boiler Feed Water, has been abandoned because of moving the Boilers to Plant II.
- C. No. 3 Well was drilled in 1947 under Permit No. 63-5039. Formerly referred to as the South Well, has been abandoned for Plant use except for a small amount used in the Bacteria Lab.
- D. No. 9 Well was drilled in 1977 under Permit No. 63-10034. This Well is the source of water for Plant I.

Well No. 4 is located in the SE 1/4 of the NE 1/4 of Section 19.

- A. The No. 4 Well was drilled in 1944 and is used as the main water supply for the Alcohol Plant, the Recovery Plant and the Division Offices. Permit No. 63-5038.

Well numbers 5, 7 and 10 are located in the NW 1/4 of the SW 1/4 of Section 20.

- A. Well No. 5 was drilled in 1957 under Permit No. 63-3107. Formerly known as the Parking Lot Well, this well has not been used for about ten (10) years.
- B. No. 7 Well was drilled in 1969 under Permit No. 63-7244. This was to be the main water supply for Plant II, but because it pumped so much sand a new Well was drilled (No. 8) and this Well was not used after 1972. Last year when the Technical Center Well did not produce they put a small pump back in the Well and used 200-300 G.P.M.'s.

- *C. No. 10 Well was drilled in 1985 under Permit No. 63-2731. Because No. 8 Well was no longer supplying an adequate supply of water for Plant II it was decided to drill another Well.

TO: BOB WHIPKEY
FROM: DON MARTIN
NOV. 20, 1986
RE: CALDWELL WELLS
Page 2

Well No. 6 is located in the NW 1/4 of the SE 1/4 of Section 19.

- A. Well No. 6 was drilled in 1961 under Permit No. 63-5037. This Well is used as a supply of water for the Accounting Offices, Soilbuilders Office and Fire Systems in that area. It also is used to water the cattle South of the Plant. On rare occasions it is used as Plant I water (when repairs to No. 9 Well are necessary).

Well No. 8 is located in the NE 1/4 of the SW 1/4 of Section 20.

- A. Well No. 8 was drilled in 1972. I have a letter dated 06-09-72 from Ron Graves asking the State to change the point of Diversion from the NW 1/4 of the SW 1/4 Section 20 to the NE 1/4 of the SW 1/4 Section 20 using Permit No. 63-7244.

* The Permit number for No. 10 Well was, apparently, originally issued in 1948 for the original four (4) Wells.

No. 1 - Main Well	2.25
No. 2 - Sulphur Well	3.77
No. 3 - South Well	2.25
No. 4 - Hog House Well	2.25 C.F.S.

Of those four (4) Wells, No. 4 is the only one that is used. No. 10 Well is capable of something less than 7.0 C.F.S..

/mkv

Don Martin

Walker, Kay

From: Conrad, Vic E [Vic.Conrad@simplot.com]
Sent: Tuesday, January 20, 2009 4:09 PM
To: Walker, Kay
Subject: RE: Information on the 3 wells

You bet Kay. I will get the coordinates for you. Thanks.

From: Walker, Kay [mailto:Kay.Walker@idwr.idaho.gov]
Sent: Tuesday, January 20, 2009 4:10 PM
To: Conrad, Vic E
Cc: Walker, Kay
Subject: Information on the 3 wells

Hi, Vic...

When I discussed the need for a field visit (to locate the wells you want included on your recommendations) with Jan, she suggested that maybe you could have someone GPS the wells and send me the information. Do you think this would be possible?

I looked at the water right record for 63-7678 and found we have information on the pump, capacity and location so we can add that well (the "300" well) easily enough. I need information on the other two wells though because we do not have any information on them in the paperwork I have. The two needing information are the "hospital" and "400" wells.

Let me know. Thanks!

Kay

12/12/2008

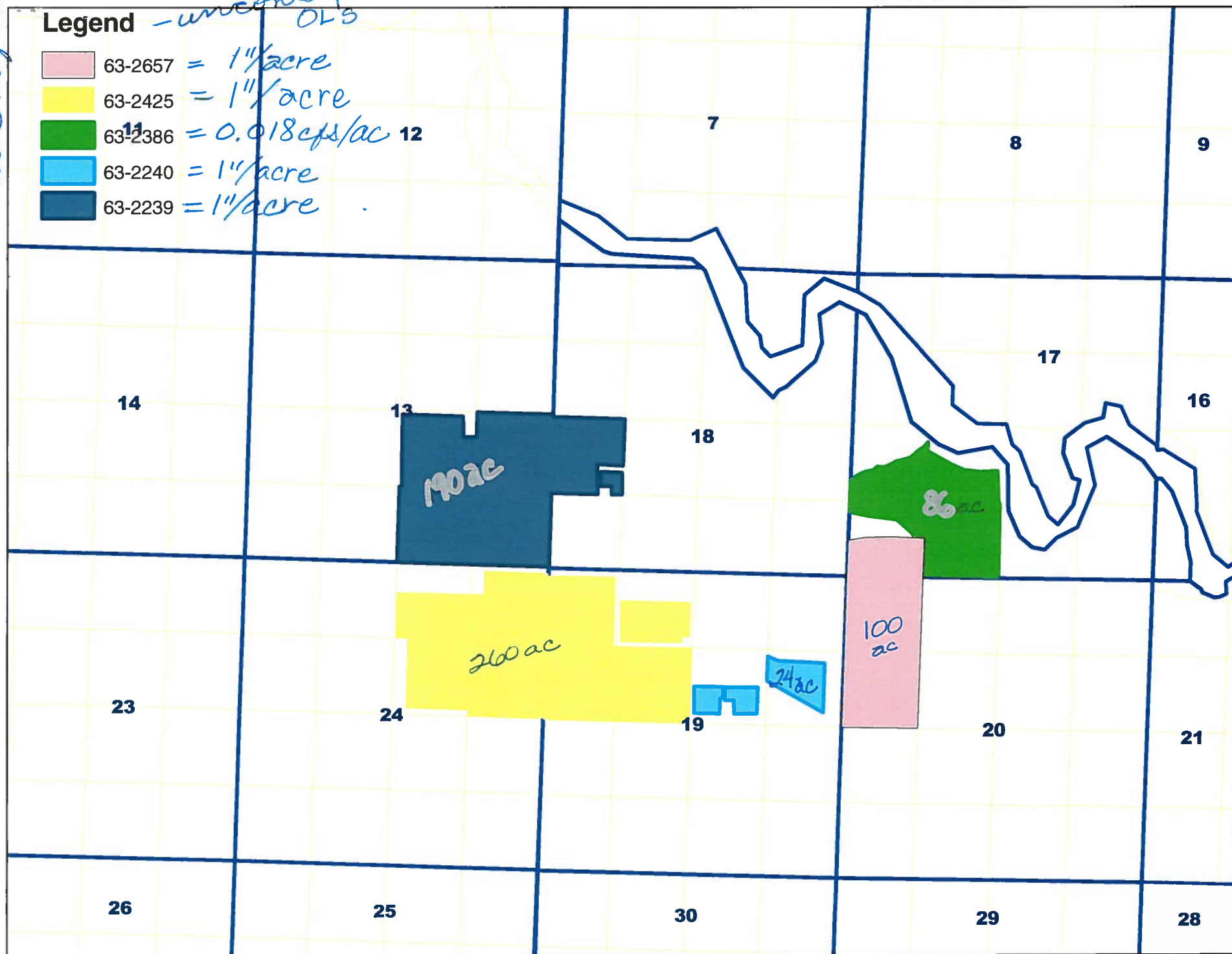
[illegible]

all surface
water rights

Legend

-uncontested
OL's

- 63-2657 = 1 1/2 acre
- 63-2425 = 1 1/2 acre
- 63-2386 = 0.018 cfs/ac 12
- 63-2240 = 1 1/2 acre
- 63-2239 = 1 1/2 acre



Stock

<u>Basin</u>	<u>Sequence</u>	<u>Rate(cfs)</u>	<u>Volume(af)</u>	<u>Water Use(s)</u>	<u>PRIORITY DATES</u>	<u>SOURCE</u>	<u>HEAD</u>	
63	21537**	0.67	85.10	COMMERCIAL, STOCKWATER	6/1/1949*	ground water	6,350	
63	21541**	0.58	35.50	STOCKWATER	1/1/1955***	ground water	2,650	
63	21598	0.44	26.80	STOCKWATER	4/15/1945	ground water	2,000	
63	21559	0.46	28.10	STOCKWATER	4/1/1955	ground water	2,100	
63	21561	0.31	18.80	STOCKWATER	4/1/1955	ground water	1,400	
63	21557	0.46	28.10	STOCKWATER	4/1/1957	ground water	2,100	
63	7678**	0.40	134.00	STOCKWATER	10/26/1972	ground water	10,000	
63	21538**	0.11		STOCKWATER, DOMESTIC	1/1/1925	ground water	1,040	Decreed
63	21539**	0.11		STOCKWATER, DOMESTIC	1/1/1930	ground water	1,040	Decreed
63	21540**	0.11		STOCKWATER, DOMESTIC	1/1/1930	ground water	1,040	Decreed
63	21597	0.04		STOCKWATER, DOMESTIC	1/1/1929	ground water	100	Decreed
							29,820	
*pursuant to aerial photography								
**common system with 63-4968, 63-5036, 63-5038, 63-5039, 63-2731, 63-5037								
***pursuant to affidavit of Richard Bicandi								

Walker, Kay

From: Walker, Kay
Sent: Thursday, December 18, 2008 2:25 PM
To: Spencer, Nick
Cc: Walker, Kay
Subject: RE: Simplot Recommendations

Should be 63-2239
The lead subcase number is 63-2731 (at least that is the first one on Becky's Case Management listing we received in August of 2007). On the status conference orders we have received from the Court the first number is 63-2239 but that right is an uncontested overlap. I hope this helps... Thanks. Kay

From: Spencer, Nick
Sent: Thursday, December 18, 2008 2:12 PM
To: Walker, Kay
Cc: Williams, Ray
Subject: RE: Simplot Recommendations

Yes, I think the SM will be fine with that. He will just set it over for another status conference two or three months down the road. Can you remember what the lead subcase number is, so I can put a copy of this e-mail in the file to remind me what to tell the SM on January 6th?

From: Walker, Kay
Sent: Thursday, December 18, 2008 2:04 PM
To: Spencer, Nick
Cc: Walker, Kay
Subject: Simplot Recommendations

Hi, Nick.

I have finished the recommendations for Simplot's claims that I have been working on. These are in B63, Part 3, Canyon County - they were objected to because Kimberly disallowed them for failure to submit evidence of priority. The evidence was submitted and I have made version 2 recommendations.

Simplot has a status conference with the SRBA Court on January 6th (10-10:30) Vic Conrad will be out of the office for the next 2 weeks, due to the holidays, and we won't be able to meet with me until January 8th so I can go over the new recommendations with him. Will this be enough information to request more time from the court to resolve the objections? I am hopeful that we can obtain SF5's once I show Vic the new recommendations.

Let me know...
Thanks.
Kay

②

4N-4W

SE1/4, S13 - not on OBT

(Carter Found 26 ac) left
off the area. Vic wants
added - can not include
under irrig. from wells -

NE1/4, S24 - included on OBT -

Not included on Carter's
exam so cannot recommend
under irrigation from wells.

KW

1/15/09

Walker, Kay

From: Conrad, Vic E [Vic.Conrad@simplot.com]
Sent: Tuesday, September 09, 2008 11:24 AM
To: Walker, Kay
Cc: Young, Gray A; Hamanishi, Henry A
Subject: RE: Claims in Canyon County
Attachments: Possible Holt & Rainey Parcels.pdf

Kay,

The attached image is my attempt to identify the parcels that you refer to as the "Holton & Rainey" parcels? (Canyon County Assessor Parcel nos. R3498611 and R34591010 shown on the attached). Simplot does not have any interest in these parcels and if they are included in any of the places of use described on the Simplot water rights – then this is an error and the place of use needs to be corrected to remove these parcels from the Simplot's place of use.

Will you please confirm these are the Holton & Rainey parcels you describe below?

From: Conrad, Vic E
Sent: Tuesday, September 09, 2008 9:55 AM
To: 'Walker, Kay'
Cc: Young, Gray A; Hamanishi, Henry A
Subject: RE: Claims in Canyon County

Kay,

Attached is copy of the Bargain and Sale Deed that was used to convey Simplot's interest in the "Island Farm" to Look Lane, LLC ("Look Lane"). The deed contains the description of the property Simplot conveyed to Look Lane. Also attached is a map that helps illustrate the location of the Island Farm that was conveyed to Look Lane.

From your email below, it is my impression this is the land that you describe as currently held by Staker Parson. If so, we need to remove this from the place of use of the water rights that currently describe this land as receiving industrial effluent. This land is no longer involved in the land application of industrial effluent from the plant.

Will you please confirm that this is the same as the "Staker Parson" parcel described below?

From: Walker, Kay [mailto:Kay.Walker@idwr.idaho.gov]
Sent: Friday, September 05, 2008 3:09 PM
To: Conrad, Vic E
Cc: Walker, Kay
Subject: FW: Claims in Canyon County

Hi, Vic.

I am back from vacation and got the voice mail you had left me. If you could send me an e-mail, or a letter, requesting the removal of the Holton & Rainey property from your place of use it would be appreciated. I also need to know what your intentions are concerning the lands sold to Summit Stone (now Staker Parson Companies).

Also, as stated in the e-mail below, if you want the licensed rights to show where the waste water from the potato plant is used we need to have amended claims as soon as possible.

9/9/2008

We have a status conference with the SRBA Court on October 7th and it would be nice to be able to report that we have made progress on these recommendations. I have very limited time to finish up these claims, but have been given the green light to go ahead and work on them once I receive the information from you. I would really appreciate having all the information no later than September 15th so I can try to get these finalized. If you have any questions, please do not hesitate to contact me.

Thanks!

Kay

From: Walker, Kay
Sent: Wednesday, August 27, 2008 3:43 PM
To: Vic Conrad
Cc: Walker, Kay
Subject: Claims in Canyon County

Hi, Vic.

In preparing to make recommendations on the Simplot claims, I find that the original claims on the licensed rights only include the licensed and/or transferred place of use. In the case of License 63-3107 there are 14 points of diversion claimed but only one 40-acre tract for the place of use. The objection that was submitted lists quite a large place of use (999 acres) and in order for us to recommend the larger place of use we will need to have amended claims that actually claim the larger place of use. It would also be handy if the amended claims had maps attached that identify the place of use you are claiming.

Also, I left you a voice message yesterday in regard to the place of use listed on the objection forms (and also on the beneficial use claims) that were submitted. Canyon County tax lot information shows some of the place of use listed as belonging to other parties. The legal description for these properties is:

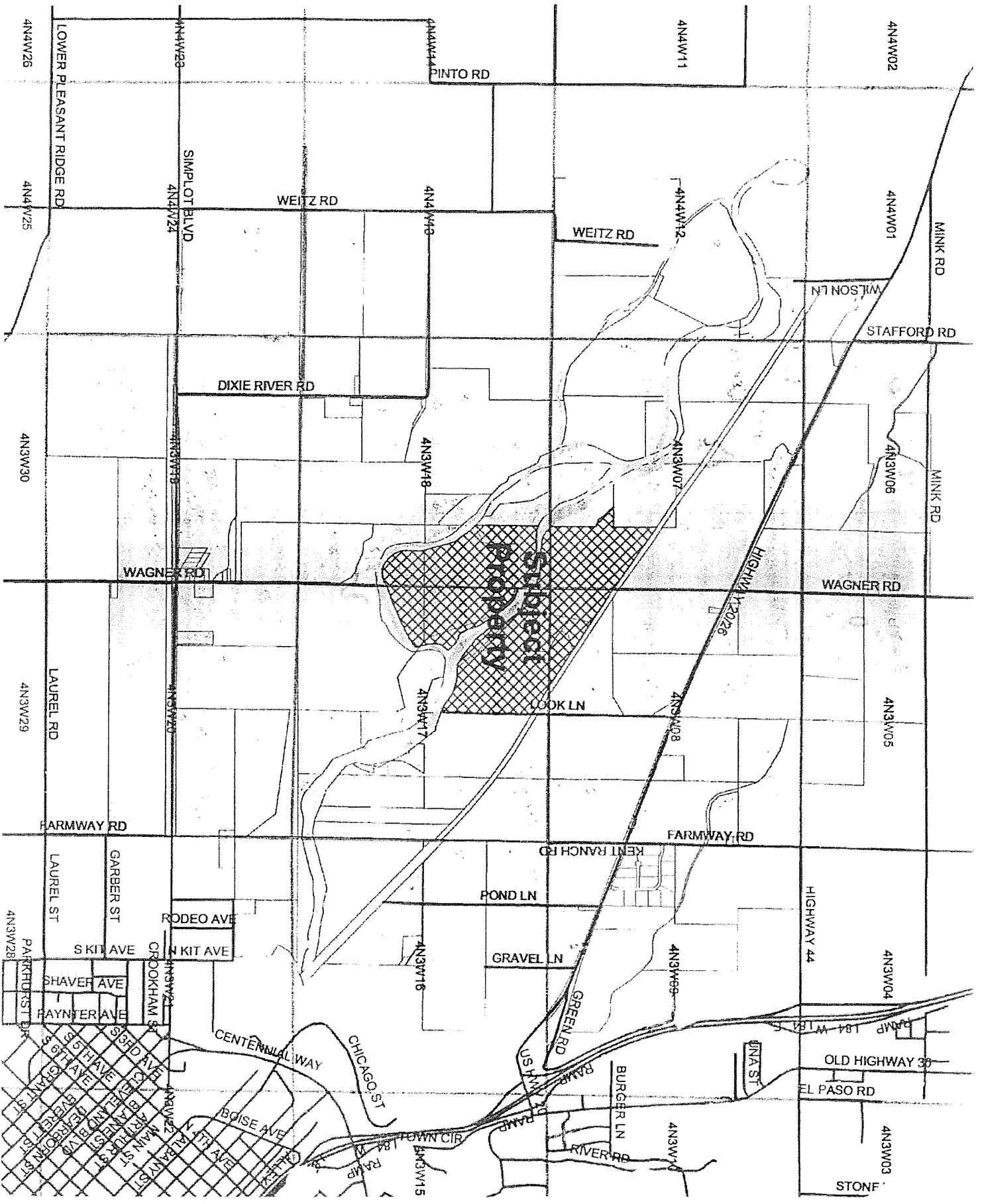
Twp. 4N, Rge. 3W Sec. 17 - NW1/4 and a portion of NW1/4SW1/4 (Staker Parson Companies)
 Sec. 18 - E1/2NE1/4 (Staker Parson Companies)
 Sec. 18 - NW1/4NE1/4 (Holton & Rainey)

Should this place of use be included under the recommendations?

I am going to be out of the office tomorrow thru September 4th so if you have any questions you could contact Jan or wait until I get back. Thanks for your help in resolving these issues.

Kay Walker
 334-2190

9/9/2008



152 7/20/05 [Signature]

BARGAIN AND SALE DEED

GRANTOR, **SIMPLOT LIVESTOCK CO.**, a Nevada corporation, as successor by merger to **Simplot Feedlots, Inc.**, an Idaho corporation, formerly known as **Richardson Feedlots, Inc.**, an Idaho corporation, whose principal address is 999 Main Street, Suite 1300, Boise ID 83702, for Ten Dollars and other good and valuable consideration, the receipt of which is hereby acknowledged, does hereby bargain, sell and convey unto **LOOK LANE, LLC**, an Idaho limited liability company, whose principal address is 575 S. Linder Road, Eagle ID 83616, as GRANTEE, and to Grantee's successors and assigns forever, all of the following described real estate located in Canyon County, State of Idaho:

See Exhibit A attached hereto and made a part hereof.

TOGETHER WITH all improvements, easements, hereditaments and appurtenances thereto, including 205 shares of stock in the Siebenberg Co-Operative Ditch Company, Limited, which shall be conveyed by separate assignment of even date herewith, and SUBJECT TO such rights, easements, covenants, restrictions and zoning regulations as appear of record or by use upon the premises.

AND ALSO TOGETHER with any interest Grantor may have in lands which may be claimed by accretion or reliction as appurtenant to the real estate conveyed hereunder, without warranty and subject to the claims of the State of Idaho, the U.S. Government or others.

In construing this deed, and where the context so requires, the singular includes the plural and the masculine, the feminine and the neuter.

IN WITNESS WHEREOF, Grantor has hereunto caused this deed to be executed in its corporate name this 21 day of March, 2005.

SIMPLOT LIVESTOCK CO.

BY [Signature]
Lawrence S. Hlobik, Vice-President

ATTEST:

By [Signature]
Terry T. Uhling, Secretary

STATE OF IDAHO)
) ss.
County of ADA)

On this 21 day of March, 2005, before me, a Notary Public in and for said State, personally appeared Lawrence S. Hlobik and Terry T. Uhling, known to me to be the Vice-President and Secretary, respectively of Simplot Livestock Co., the corporation that executed the within instrument, and acknowledged to me that said corporation executed the same. IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

[Signature]
Notary Public for Idaho
Residing at: Boise
My Commission Expires: 10/25/06

EXHIBIT A
Legal Description of Property

That certain parcel of land situated, lying and being in the County of Canyon State of Idaho, bounded and particularly described as follows:

Parcel I:

That part of the Northeast Quarter of the Southeast Quarter (NE1/4SE1/4) of Section 7, lying Southwest of the right-of-way of the Oregon Short Line Railroad Company;

All of the Southeast Quarter of the Southeast Quarter (SE1/4SE1/4) and

BEGINNING at the Northeast corner of Lot 1: thence West along the North boundary line of said Lot 1 a distance of 425 feet; thence meandering

South 44° 0' East 302 feet; thence

South 31° 30' East 112 feet, and

South 71° 45' East 165 feet to a point in the East boundary line of said Lot 1; thence North 368 feet along said East boundary line to POINT OF BEGINNING, all being in Section 7;

That part of the Southwest Quarter of the Southwest Quarter (SW1/4SW1/4) of Section 8 lying Southwest of the right-of-way of the Oregon Short Line Railroad Company and West of a line beginning at a point on the South boundary line of said Section 8, 2,118 feet West of the Quarter corner on the South boundary line of said Section 8 and running thence

North 9° 35' East to the right-of-way of the Oregon Short Line Railroad Company;

All that part of Lot 4 of Section 17 lying West of a line beginning at a point on the North boundary line of said Section 17, 2,118 feet West of the Quarter corner on the North line of said Section 17 and running thence

South 9° 35' West to a point in the Southerly boundary line of said Lot 4;

All of Lot 5 in Section 17;

BEGINNING at the Northeast corner of Lot 1 in Section 18; thence West along the North boundary line of said Lot 1 (being along the South boundary line of the Southeast Quarter of the Southeast Quarter (SE1/4SE1/4) of aforesaid Section 7) to the extended West boundary line of the Southeast Quarter of the Southeast Quarter (SE1/4SE1/4) of Section 7; thence South along the extended West boundary line of the Southeast Quarter of the Southeast Quarter (SE1/4SE1/4) of said Section 7 to a point in the South boundary line of Lot 1 in said Section 18; thence in an Easterly and Northerly direction along the Southerly boundary line of Lot 1 of said Section 18 to a point in the East boundary line of Lot 1 in said Section 18; thence North along said East line to the POINT OF BEGINNING;

All of Lot 2 of Section 18 EXCEPTING THEREFROM, Beginning at the Southwest corner of Lot 2; thence

North 0° 40' 20" East along the West boundary line of said Lot 2 a distance of 780 feet to the present Southwesterly bank of the Boise River; thence along the Southwesterly bank

South 44° 22' 40" East a distance of 175 feet; thence

South 35° 49' 40" East a distance of 220 feet; thence
South 23° 05' East a distance of 235 feet; thence
South 12° 25' East a distance of 115 feet; thence
South 6° 36' 20" East a distance of 147.60 feet to a point in the South boundary line of
said Lot 2; thence

South 89° 48' 40" West along said South boundary line 394.15 feet to the POINT OF
BEGINNING;

All being in Township 4 North, Range 3 West of the Boise Meridian, Canyon County, Idaho.

Parcel II:

Lot 3 in Section 17, Township 4 North, Range 3 West of the Boise Meridian, Canyon County,
Idaho

and

The Northeast Quarter of the Northwest Quarter, Section 17, Township 4 North, Range 3 West
of the Boise Meridian, Canyon County, Idaho.

Except that portion conveyed to GLADYS C. BRAUN by Deed recorded October
17, 2002 as Instrument No. 200249060, described as follows:

A parcel of land being a portion of the Northeast Quarter of the Northwest Quarter of Section 17,
Township 4 North, Range 3 West, Boise Meridian, Canyon County, Idaho, more particularly
described as follows:

COMMENCING at the Northeast corner of said Northeast Quarter of the Northwest Quarter of
Section 17, (North 1/4 corner), said corner monumented with a found 1 inch diameter iron bar;
thence

North 89° 40' 09" West a distance of 561.20 feet along the Northerly boundary of said
Northeast Quarter of the Northwest Quarter to a point on the Southwesterly right of way
boundary of the Union Pacific Rail Road Company, said point being the POINT OF
BEGINNING and is monumented with a set 5/8 inch diameter iron pin; thence leaving the
Southwesterly right of way of said Union Pacific Rail Road Company and leaving the Northerly
boundary of said Northeast Quarter of the Northwest Quarter,

South 1° 16' 55" West a distance of 31.87 feet parallel with the Easterly boundary of said
Northeast Quarter of the Northwest Quarter to a point on the centerline of an existing gravel
road, said point monumented with a set 5/8 inch diameter iron pin; thence along the centerline of
said existing gravel road the following courses and distances: thence

North 80° 29' 18" West a distance of 66.46 feet to a set 5/8 inch diameter iron pin; thence

South 89° 33' 06" West a distance of 691.25 feet to a point on the Westerly boundary of
said Northeast Quarter of the Northwest Quarter said point monumented with a set 5/8 inch
diameter iron pin; thence leaving said centerline of said gravel road and along the Westerly
boundary of said Northeast Quarter of the Northwest Quarter, North 1° 19' 42" East a distance of
30.66 feet to the Northwest corner of said Northeast Quarter of the Northwest Quarter, (West
1/16 corner common to Sections 8 and 17), said corner monumented with a set 5/8 inch diameter
iron pin; thence

South 89° 40' 09" East a distance of 756.80 feet along the Northerly boundary of said Northeast Quarter of the Northwest Quarter to the POINT OF BEGINNING.

Parcel III:

A parcel of land being the Easterly 20.00 feet of Government Lot 4 of Section 17, Township 4 North, Range 3 West, Boise Meridian, Canyon County, Idaho, more particularly described as follows:

COMMENCING at the Northeast corner of the Northeast Quarter of the Northwest Quarter of said Section 17, (North 1/4 corner), said corner monumented with a found 1 inch diameter iron bar; thence

North 89° 40' 09" West, a distance of 1,318.00 feet along the Northerly boundary of said Northeast Quarter of the Northwest Quarter to the Northeast corner of said Government Lot 4, said corner monumented with a set 5/8 inch diameter iron pin; thence

South 1° 19' 42" West, a distance of 30.66 feet along the Easterly boundary of said Government Lot 4 to a point on the centerline of an existing gravel road, said point being the POINT OF BEGINNING and is monumented with a set 5/8 inch diameter iron pin; thence leaving said centerline of said gravel road and continuing along the Easterly boundary of said Government Lot 4, South 1° 19' 42" West, a distance of 1,489.15 feet to a point on the "Ordinary High Water Line" of the Northerly bank of the Boise River, said point monumented with a set 5/8 inch diameter iron pin; thence

North 44° 28' 01" West, a distance of 27.89 feet along said Ordinary High Water Line to a set 5/8 inch diameter iron pin; thence

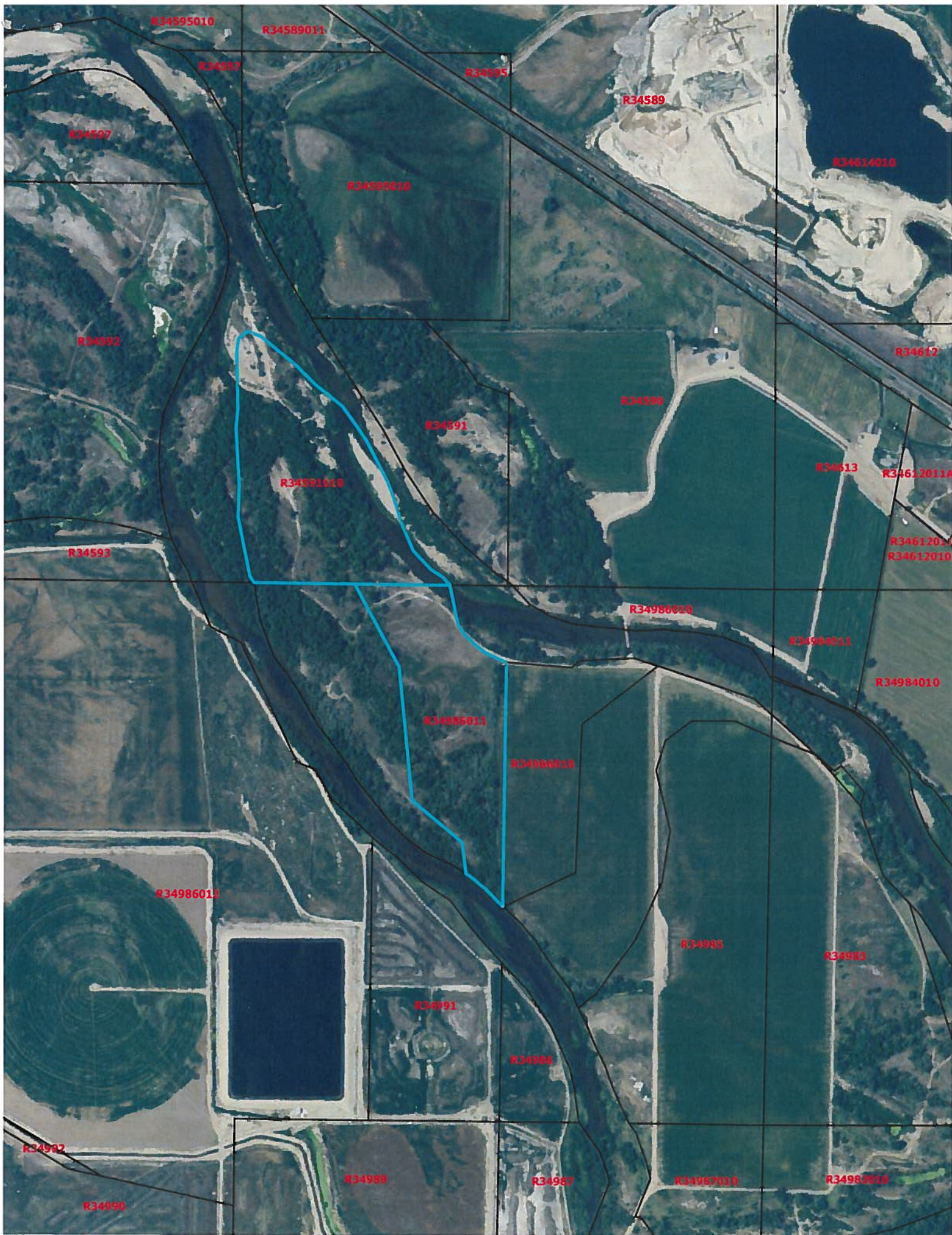
North 1° 19' 42" East, a distance of 1,469.08 feet parallel with the Easterly boundary of said Government Lot 4 to a point on the centerline of said existing gravel road, said point monumented with a set 5/8 inch diameter iron pin; thence

North 89° 33' 06" East, a distance of 20.00 feet along centerline of said existing gravel road to the POINT OF BEGINNING.

Parcel IV:

That portion of Government Lots 6 and 7 of Section 17, Township 4 North, Range 3 West of the Boise Meridian, Canyon County, State of Idaho, lying Northerly of the South Fork of the Boise River
and

That portion of the Northeast Quarter of the Southeast Quarter of Section 18, Township 4 North, Range 3 West of the Boise Meridian, Canyon County, State of Idaho lying Northeasterly of the South Fork of the Boise River.



R34595010

R34589011

R34597

R34595

R34589

R34597

R34595010

R34614010

R34592

R34612

R34590

R34591

R34591010

R34613

R34612011A

R34593

R34612011

R34612010

R34986010

R34984011

R34984010

R34986011

R34986010

R34986010

R34991

R34985

R34985

R34983

R34982

R34988

R34987

R34987010

R34987010

R34990

Walker, Kay

From: Walker, Kay
Sent: Friday, August 22, 2008 3:13 PM
To: 'Conrad, Vic E'
Subject: RE: SRBA Claims for Canyon County

Vic: I still have the affidavit from Kenneth Mefford. I was under the impression you were going to submit something else too. I will get started on the recommendations right away. Thanks, Kay

From: Conrad, Vic E [mailto:Vic.Conrad@simplot.com]
Sent: Friday, August 22, 2008 2:51 PM
To: Walker, Kay
Subject: RE: SRBA Claims for Canyon County

Kay,
If you recall, I provided another affidavit from Kenneth Mefford explaining the valve that was used to send water from the south side of Hwy 19, to the north side of Hwy 19. This was (and still is) the connection between the two water systems and all of the wells. I cannot recall, the date that Ken described his first direct use of that valve in the affidavit – but I think it was in the latter 1960's.

I do not have information about when the wells were first connected – but I suspect they have been connected since the early 1940's. All I have is Ken's confirmation about using the valve that connects the wells in the 1960s.

Do you need me to send another copy of Ken's affidavit?

From: Walker, Kay [mailto:Kay.Walker@idwr.idaho.gov]
Sent: Friday, August 22, 2008 2:37 PM
To: Conrad, Vic E
Cc: Walker, Kay
Subject: RE: SRBA Claims for Canyon County

Vic:
We were waiting for an affidavit regarding when the wells were interconnected. I need something that shows they were all interconnected before 1987 in order to recommend the claims with multiple points of diversion as requested. If this information is not available I can go ahead and recommend each right with the original point (or points) of diversion. I just need to know if you are going to try to submit something, or not, before I start preparing recommendations.
Thanks.
Kay

From: Conrad, Vic E [mailto:Vic.Conrad@simplot.com]
Sent: Friday, August 22, 2008 1:05 PM
To: Walker, Kay
Cc: Young, Gray A
Subject: RE: SRBA Claims for Canyon County

Kay,
Attached is a PDF of the affidavit that explains the development of the feedlot and the number of cattle that were stocked in the feedlot during the course of development. Please let me know if you need anything more to help with your recommendations.

8/22/2008

AFFIDAVIT OF RICHARD L. BICANDI

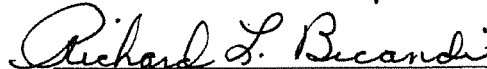
STATE OF IDAHO)
) S.S.
Canyon County)

The undersigned being duly sworn upon his oath, hereby states and avers as follows:

1. My name is Richard L. Bicandi, and I reside on a farm near Caldwell, Idaho.
2. My current mailing address is 1905 Mason Road, Caldwell, ID 83605.
3. I was born on December 20, 1940. In June, 1955 I became employed by Richardson Feedlots, Inc. ("Richardson") who owned and operated a cattle feedlot operation north of Idaho State Highway 19 located approximately 2.5 miles west of Caldwell, Idaho. At the start of my employment the operation was used to feed approximately 9,000 head of beef cattle.
4. From June, 1955 until I entered basic training in the United States National Air Guard in 1963, the capacity of the feedlot expanded to hold 20,000 head of beef cattle. After completing my 2-month basic training, I returned to my employment with Richardson.
5. The 20,000 head capacity remained constant from 1963 until 1971 when the feedlot was purchased by the J. R. Simplot Company ("Simplot"). After the feedlot was acquired by Simplot, I became a Simplot employee and my involvement with the operation continued until 1977.
6. During the period between 1971 to 1973, Simplot expanded the feeding operation which doubled the capacity of the feedlot up to 40,000 head of beef cattle. This capacity remained constant until my employment with Simplot ended in 1977.
7. Although I was not employed with Simplot after 1977, I remained in contact with the operation and assisted in its operation from time-to-time. In 1979 Simplot installed a "confinement pen" with a 1,000 head capacity that was used as a test for the design of a new feeding operation Simplot eventually constructed in Boardman, Oregon. The confinement pen thus increased the capacity of the Caldwell feedlot to 41,000 head. I am not aware of any further expansions of the Caldwell feedlot beyond the 41,000 head capacity after 1979.

Further the affiant sayeth not.

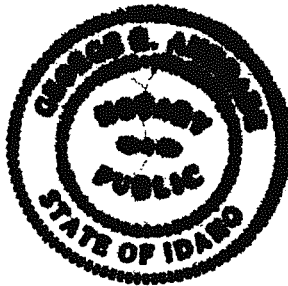
AFFIANT:


Richard L. Bicandi

STATE OF IDAHO)
) S.S.
COUNTY OF CANYON)

On this 21st day of August, 2008, before me, a Notary Public in and for said State, personally appeared **Richard L. Bicandi**, known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.



James R. Anglade
Notary Public for Idaho
Residing at: BOISE
My Commission Expires: JUNE 13, 2012

Walker, Kay

From: Conrad, Vic E [Vic.Conrad@simplot.com]
Sent: Monday, August 18, 2008 8:43 AM
To: Walker, Kay
Subject: RE: SRBA Claims for Canyon County

Thank you Kay for the heads-up. I the affidavit was drafted and sent it to Mr. Bicandi for review. I will contact him today to see if it acceptable or if he needs any changes before signing. I will do my best to get this ASAP to help with the recommendations.

From: Walker, Kay [mailto:Kay.Walker@idwr.idaho.gov]
Sent: Thursday, August 14, 2008 3:36 PM
To: Conrad, Vic E
Cc: Walker, Kay
Subject: SRBA Claims for Canyon County

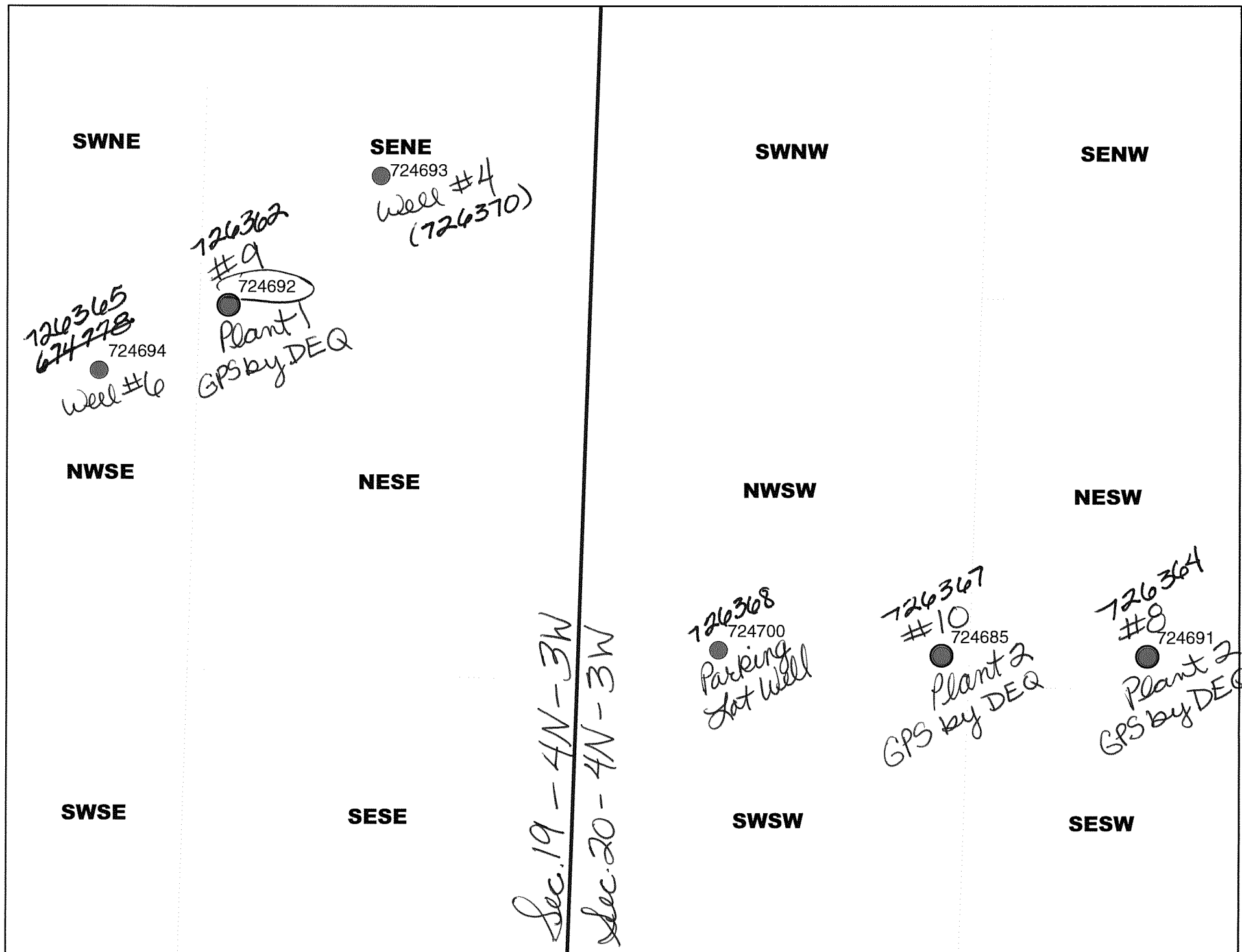
Hi, Vic!

I am beginning the review of all of the Simplot Claims for final recommendations and still need to have the affidavit you were going to submit as evidence of when all the wells were combined into a single system. I have 2 weeks to complete my recommendations so the sooner you can submit the affidavit the better for me. I will be leaving the SRBA process the first of September and working on Allocations full time. Jan will have to complete any recommendations that I don't finalize so it would be best if you could get the affidavit to me right away. (Lori says if you don't get the affidavit in we will scan a certain "most wanted" picture onto the internet.)

I am sorry I keep bothering you about this but time is getting short. Thanks!

Kay Walker
334-2190

8/18/2008



Per. DEQ & Pastor's '87 exam & mtg exam 7/24/08 - kw

Well Name	Date	Status	Location	Quantity	per Don Martin (11/20/1986)	Per DEQ info in ArcView
Main Well (No. 1)	1943	abandoned	NESE, 19	2.25 cfs		
Sulpher Well (No. 2)	1942	abandoned	NESE, 19	3.77 cfs		
South Well (No. 3)	1947	Bacteria Lab	NESE, 19	2.25 cfs		
No. 9	1977	Plant 1	NESE, 19			
Hog House Well (No. 4)	1944	Alcohol Plant, etc.	SENE, 19	2.25 cfs		
Park Lot Well (No. 5)	1957	not used	NWSW, 20			
No. 6	1961	Offices & cattle	NWSE, 19			
No. 7	1969	replaced by #8	NWSW, 20			
No. 8	1972	Technical Center	NESW, 20	200-300 GPM (in 1985)		
No. 10	1985	Plant 2	NWSW, 20	>7.0 cfs		

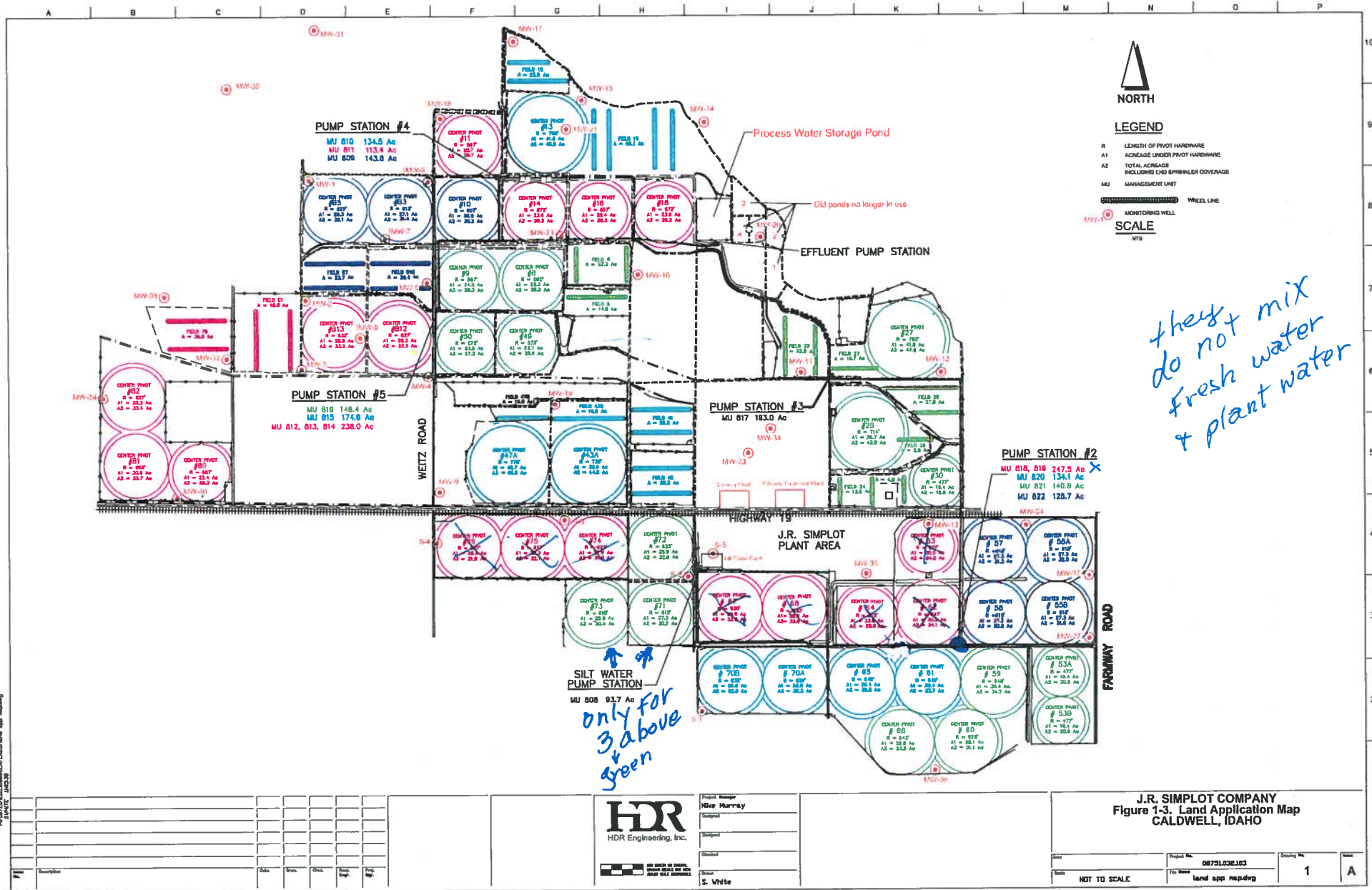
				per Dan Nelson (10/23/2001)
Hog House Well		SENE, 19, 4N, 3W		System 1 - Simplot Feedlot
300 Well		NENW, 19, 4N, 3W		System 1
New Well		NENW, 19, 4N, 3W		System 1
Hospital Well		NWNE, 19, 4N, 3W		System 1
Pen 315 Well		SESW, 18, 4N, 3W		System 1
Pen 401 Well		SWSW, 18, 4N, 3W		System 1
Artesian 500 Well		NENW, 24, 4N, 4W		System 1
Post Place Well		SWSE, 13, 4N, 4W		System 1
South Well #3		NESE, 19, 4N, 3W		System 2 - Food Processing
Hog House Well #4		SENE, 19, 4N, 3W		System 2
No. 6		NWSE, 19, 4N, 3W		System 2
No. 8		NESW, 20, 4N, 3W		System 2
No. 9		NWNW, 19, 4N, 3W		System 2
No. 10		SENE, 20, 4N, 3W		System 2

				per Carter Fritschle 7/1987
Well #9	Plant 1	NESE, 19, 4N, 3W	1500 gpm***	DEQ - GPS - E0006481*
Well #8	Plant 2	NESW, 20, 4N, 3W	Estimated 2700 gpm**	DEQ - GPS - E0006482*
Well #10	Plant 2	NWSW, 20, 4N, 3W	2700 gpm***	DEQ - GPS - E0006483*
Well #4		SENE, 19	Estimated 400 gpm**	
Well #6		NWSE, 19	Estimated 1000 gpm**	
Well #1			no longer in service	
Well #2			no longer in service	
Well #3			no longer in service	can be used in Bacteria Plant**
Well #5			no longer in service	
Well #7			no longer in service	1985 - Technical Center**

*arcview 7/18/2008
** per Don Martin
*** measured by CF

				per Field Exam 7/24/2008
Well #9	1977	Plant 1	NESE, 19, 4N, 3W ✓	3.34 cfs
Well #8	1972	Plant 2	NESW, 20, 4N, 3W ✓	6.02 cfs
Well #10	1985	Plant 2	NWSW, 20, 4N, 3W ✓	6.02 cfs
Well #4	1944	Hog House	SENE, 19	0.89 cfs
Well #6	1961	Offices & Cattle	NWSE, 19 ✓	2.23 cfs
Park Lot Well (No. 5)	1957	Could be used if needed	NWSW, 20 ✓	0.00 cfs
Total:				18.50 cfs
Note Wells 8 & 10 are used on alternating basis so total is 12.48 cfs				

kw
8/21/08



Rec'd
1/24/08 @
field exam-

2.0 MONITORING ACTIVITIES

IDEQ assigned serial numbers for hydraulic management units, soil management units, and groundwater monitoring wells, which are presented in Appendix A. Appendix B contains the database forms requested by IDEQ as part of the annual report requirements. Laboratory reports are included in Appendix C. Appendices are included in an attached CD.

2.1 PROCESS WATER

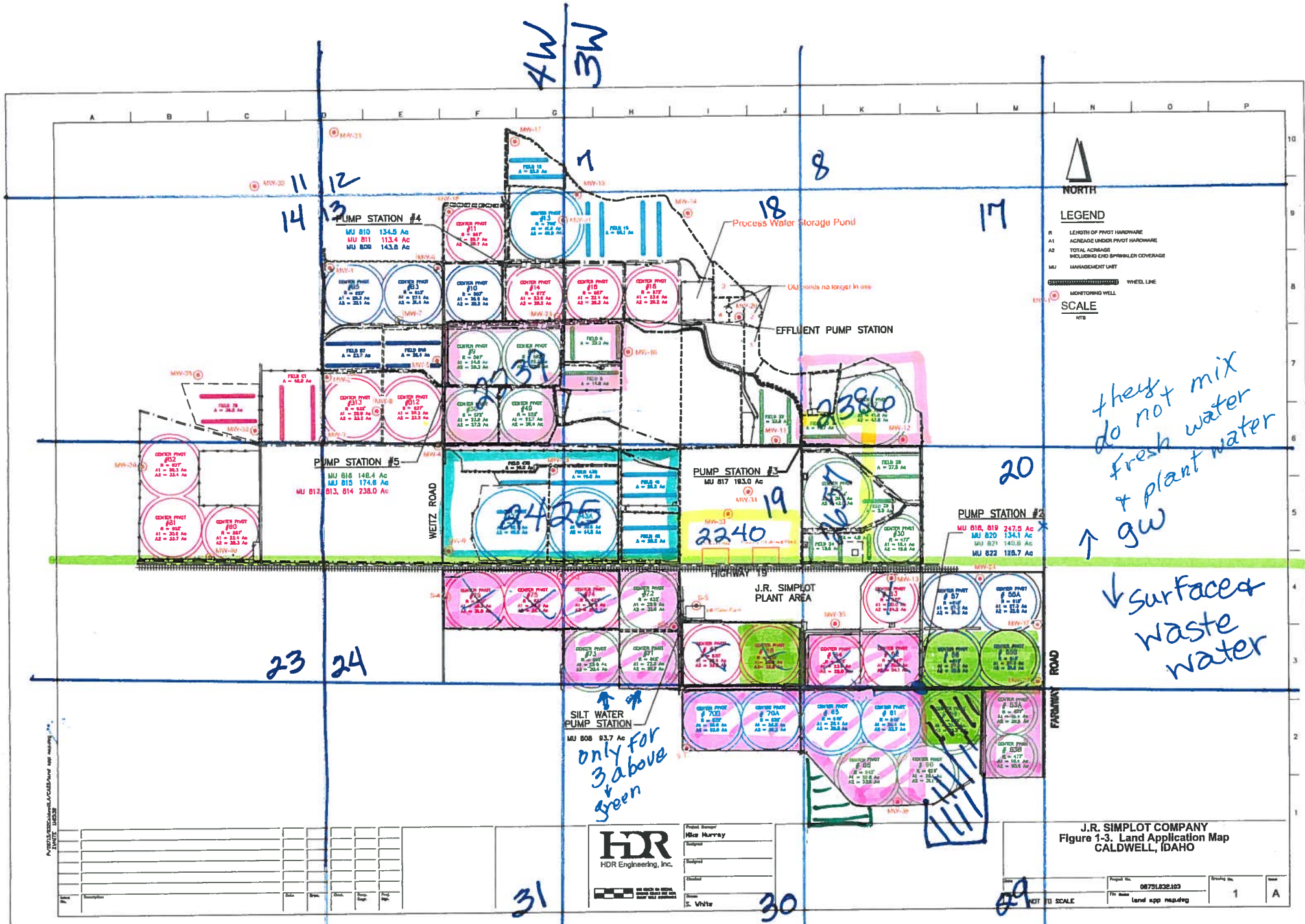
Process water production rates for the past thirteen reporting years are provided in Table 2-1. In general, process water generation has declined since 1995. This is partially due to a decline in the production rate, but also attributable to water saving measures implemented by Simplot.

Table 2- 1. Total Process Water Generation			
Reporting Year	Dates	WW generated ¹ (MGA)	WW generation season ² (days)
1995	4/1/95 to 3/31/96	1474	366
1996	4/1/96 to 3/31/97	1297	365
1997	4/1/97 to 3/31/98	1044	365
1998	4/1/98 to 3/31/99	729	365
1999	4/1/99 to 3/31/00	633	366
2000	4/1/00 to 3/31/01	651	365
2001	4/1/01 to 3/31/02	724	365
2002	4/1/02 to 3/31/03	745	365
2003	4/1/03 to 3/31/04	589	366
2004	4/1/04 to 10/31/04	345	214
2005	11/1/04 to 10/31/05	416	365
2006	11/1/05 to 10/31/06	450	365
2007	11/1/06 to 10/31/07	495	365

¹Total WW generation in million gallons per annum (MGA)

²Length of WW generation season (or production season).

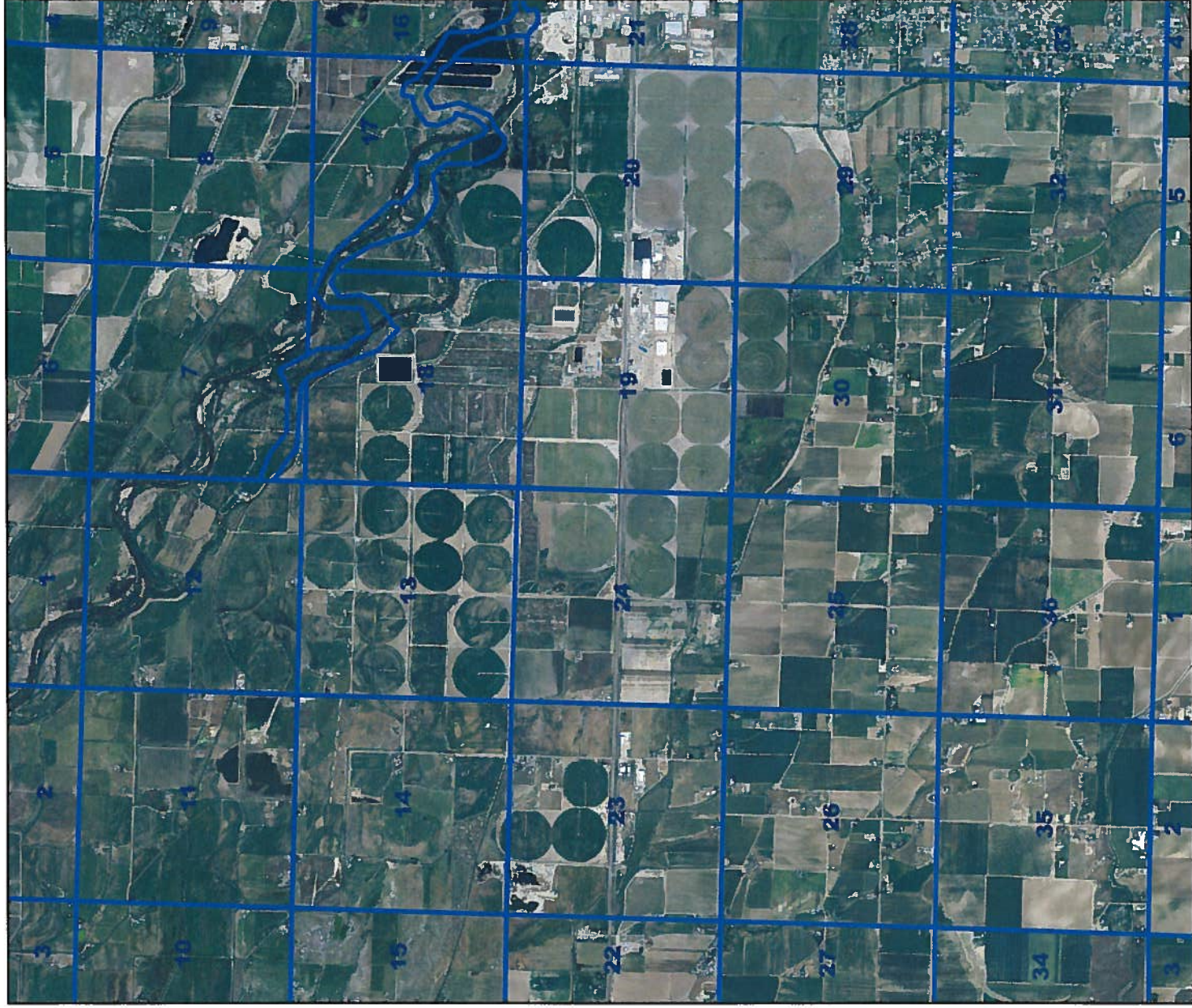
Monthly process water volumes for the November 1, 2006 through October 31, 2007 reporting year are summarized in Table 2-2a. Monthly silt water volumes for the same reporting year are summarized in Table 2-2b.



63-32571
63-32570
63-2291
63-22210

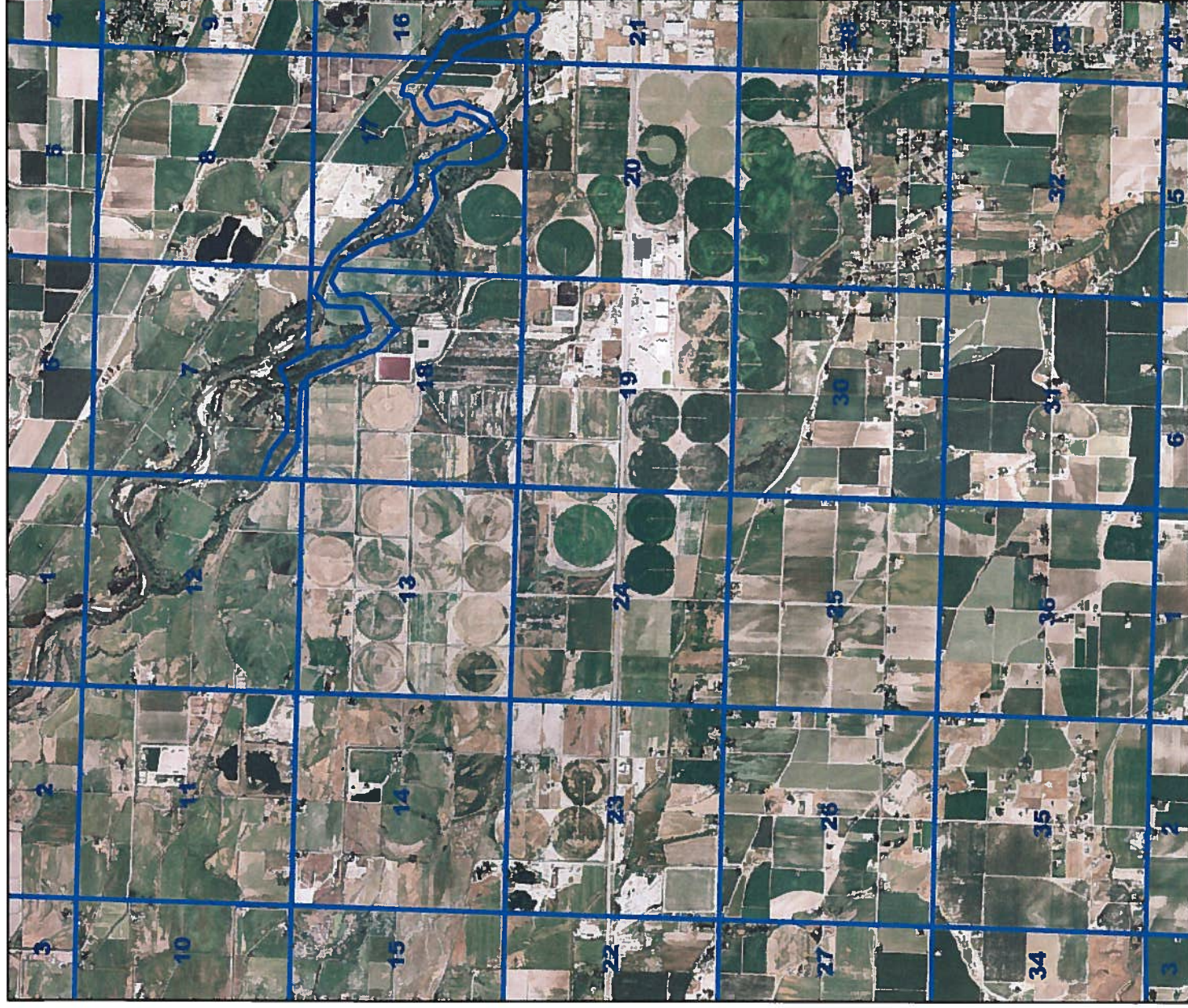
2004 photography

 Sections



2006 photography

 Sections



MEMORANDUM

TO: SIMPLOT FILES

FROM: KAY WALKER 

RE: Meeting with Vic Conrad

Date: July 17, 2008

.....

Vic and I met on July 15th to discuss the claims objected to in the SRBA and my letter of September 4, 2007, in which I requested additional information regarding the claims.

We began by discussing evidence of priority for the feedlot system which is no longer there but should have rights recommended since it was in use and then began shutting down in 2004. It took several years for the entire feedlot to close. Vic submitted copies of aerial photography which document the expansion of the feedlot. The photos range from June of 1949 through October of 1977. He also brought a couple of photographs that were in the Simplot files showing use in the early 1940's (date based on cars in photo) and then another dated September 20, 1949. Vic stated that as the company purchased homesteads surrounding the feedlot the wells, tied to the homesteads, were plumbed into a common system to provide enough water for the cattle. The estimated numbers of cattle contained at the feedlot are as follows:

1955	9,000 head
1963	20,000 head
1971	40,000 head
1979	41,000 head (the additional 1000 head were part of a test pen that was just a temporary part of system. This is the maximum number of cattle under system.)

An affidavit was submitted to document evidence of use by a former employee with personal knowledge from 1968 through 1999. This affidavit, along with the aerial photographs allows recommendation of the feedlot claims. Claims for the feedlot are mainly Nos. 63-5038, 63-21539 and 63-7678. Although some of the claims request early priority dates Vic stated he would be acceptable to a date in the early 1940's which we can document with evidence submitted.

In regard to Claim 63-22210 (expansion in acreage of License 63-2291), evidence submitted is an aerial photograph of the land dated 6/12/1949. The land was definitely irrigated on this date.

Claim 63-21537 is for the "hospital" well, added to the system sometime between 1944 and 1963.

In regard to the processing plant Vic has obtained information of the "history" of the system and interconnection of the wells (after discussing with a former employee) and will get them typed up and submitted in an affidavit. His information from the former employee will document the expansions as they happened. The plant operates 330 days a year with a maximum use of around 5.5 million gallons per day. The water used in the plant is 10-15% consumed and what is not consumed in the plant is then discharged into their irrigation system. Evidence of the discharge into the irrigation system was submitted for 1984 which documents 4.76 million gallons per day (mgd). This flow chart does not account for the 10-15% used inside the plant nor one of the waste streams that waste water is discharged into. The uncharted waste stream would account for an additional 5% of the 5,500 mgd that has been identified. The claims should be recognized by priority date and the volumes based on rate. The industrial use would be 100% consumed since the waste water is then used for land application, i.e. irrigation of their properties.

In determining the 5.5 mgd: **4.76 mgd** (documented in 1984 discharge sheet) $\times$ **0.15%** (water used in plant and 1 additional waste stream) = **0.714 mgd + 4.76 mgd = 5.474 mgd**
5,474,000 mgd/24 hours per day = 228083.3 gallons per hour/60 min per hour = 3801.38 gallons per min/448.8 = 8.47 cfs and at 20% (water used in plant and 1 additional waste stream) they would use 8.83 cfs.

The above quantity is fairly consistent with the findings of Carter's field examination conducted in July of 1987 on Permit 63-10034. In discussing the examiner's recommendations for that license it was noted that the processing plant does not require more water for processing but the industrial use was filed on the allow the land application of waste water year around. Since the irrigation use only covers irrigation season, the permit holders really need the industrial use to cover land application of waste water during non-irrigation season. An e-mail was sent to water allocations section addressing this matter.

WATER RIGHTS IMPACTING FEEDLOT #3, CALDWELL FOOD PROCESSING PLANT, AND WASTE RECOVERY-APPLICATION SYSTEM AS OF 6/1/1990

FEEDLOT #3	****	= Effluent Application System				++++	= Feedlot #3 Common System				LOCALLY
		/////	= Caldwell Food Plant Common System								KNOWN
		OTHER	WATER	RIGHTS	USED						AS
A63-00222A											
A63-00222B											
A63-00222J	A63-02070B	A63-04688	A63-08352	Poor Boy Ditch Co.						Jerry Davis Place	
A63-00290	A63-05036	A63-05037	A63-05038	A63-05039	A63-10034	A63-21734					
A63-02070B	A63-00222J	A63-04688	A63-08352	Poor Boy Ditch Co.						Jerry Davis Place	
A63-02239											
A63-02240											
A63-02241	A63-05036	A63-05037	A63-05038	A63-05039	A63-10034	A63-2173	Pioneer Dixie Ditch Co.				
A63-02291											
A63-02343											
A63-02386											
A63-02425											
A63-02601	A63-02617									Sonner Place	
A63-02617	A63-02601									Sonner Place	
A63-02657											
A63-02731	A63-03107	A63-04968	A63-05038	A63-07244	A63-10034					Caldwell Food Plant System	////
A63-03107	A63-02731	A63-04968	A63-05038	A63-07244	A63-10034					Caldwell Food Plant System	////
A63-03178A											
A63-04688	A63-00222J	A63-02070B	A63-08352	Poor Boy Ditch Co.						Jerry Davis Place	
A63-04957	A63-05036	A63-05037	A63-05038	A63-05039	A63-10034	A63-2173	Pioneer Dixie Ditch Co.				
A63-04968	A63-02731	A63-03107	A63-05038	A63-07244	A63-10034					Caldwell Food Plant System	////
A63-05036	A63-05037	A63-05038	A63-05039	A63-10034	Pioneer Dixie Ditch Co.					Effluent Application Sytem	****
A63-05037	A63-05036	A63-05038	A63-05039	A63-10034	Pioneer Dixie Ditch Co.					Effluent Application Sytem	****
A63-05038	A63-07678	A63-21537	A63-21538	A63-21539	A63-21540	A63-21541				Hog House Well	+++
A63-05039	A63-05036	A63-05037	A63-05038	A63-10034	Pioneer Dixie Ditch Co.					Effluent Application Sytem	****
A63-07244	A63-02731	A63-03107	A63-04968	A63-05038	A63-10034					Caldwell Food Plant System	////
A63-07678	A63-05038	A63-21537	A63-21538	A63-21539	A63-21540	A63-21541				300 Well	+++
A63-08352	A63-00222J	A63-02070B	A63-04688	Poor Boy Ditch Co.						Jerry Davis Place	
A63-10034	A63-05036	A63-05037	A63-05038	A63-05039	Pioneer Dixie Ditch Co.					Effluent Application Sytem	****
A63-10034	A63-02731	A63-03107	A63-05038	A63-07244	A63-04968					Caldwell Food Plant System	////
A63-21537	A63-05038	A63-07678	A63-21538	A63-21539	A63-21540	A63-21541				Hospital Well	+++
A63-21538	A63-05038	A63-07678	A63-21537	A63-21539	A63-21540	A63-21541				Post Place Well	+++
A63-21539	A63-05038	A63-07678	A63-21537	A63-21538	A63-21540	A63-21541				Pen 401 Well	+++
A63-21540	A63-05038	A63-07678	A63-21537	A63-21538	A63-21539	A63-21541				Pen 315 Well	+++
A63-21541	A63-05038	A63-07678	A63-21537	A63-21538	A63-21539	A63-21540				Artesian 500 Well	+++
A63-21554	A63-21555									Weitz Corner	
A63-21555	A63-21554									Old Horse Barn	
A63-21556										Hog Pen Well	
A63-21557	A63-21556									Hog Pen Well	
A63-21558	A63-21559									Joe Amustegie Well	
A63-21559	A63-21558									Joe Amustegie Well	
A63-21560	A63-21561									Brad Moppen Well	
A63-21561	A63-21560									Brad Moppen Well	
A63-21583										Lane Place	
A63-21584										Wirth House	
A63-21585	A63-21586									Marlin House	
A63-21586	A63-21585									Marlin House	
A63-21587										Old Duck Club	
A63-21588										Jess Batiola Well	
A63-21589										Old Garcia Place	
A63-21590										York Place	
A63-21591										Grifith House Artesian	
A63-21592										Bonnel #3	
A63-21593	A63-21594									Bonnel #2	
A63-21594	A63-21593									Bonnel #1	
A63-21595										Trailer Space Well	
A63-21596										Dick House	
A63-21597	A63-21598									Martin Silo Well	
A63-21598	A63-21597									Martin Silo Well	
A63-21599										Dawson House	
A63-22210											

*Vic's original
inventory of
rights when
claims were
submitted*

RECEIVED

JUL 15 2008

WATER RESOURCES
WESTERN REGION

AFFIDAVIT OF KENNETH FRANKLIN MEFFORD

RECEIVED

STATE OF IDAHO)
) S.S.
Canyon County)

JUL 15 2008

WATER RESOURCES
WESTERN REGION

The undersigned being duly sworn upon his oath, hereby states and avers as follows:

1. My name is Kenneth Franklin Mefford, and I currently reside at 508 Easy Street, Caldwell, Idaho, 83605.
2. I was born on September 5, 1940. In 1968 I worked for a construction contractor placing concrete feed bunks on the Simplot cattle feedlot operation located on the north side of Idaho State Highway Number 19 ("Highway 19") west of Caldwell, Idaho. This was my first involvement with the Simplot feedlot operation. In 1970 I was hired by Simplot Livestock Co. as a full time employee. Eventually I became the construction superintendent for Simplot's Caldwell feedlot operation.
3. Among my responsibilities when I became a Simplot employee in 1970, were the repairs, maintenance, replacement and operation of the livestock water supply system for the Caldwell feedlot. When I first arrived as a contractor at Simplot's feedlot in 1968, the water system on the north side of Highway was supplied through the pumping of four wells. These wells were known as the "Hog House Well", "300 Well", "400 Well" and the Hospital Well." These wells were connected through a system of underground pipes that supplied water to numerous livestock watering troughs located within pens in the feedlot.
4. Periodically, the demand for water by livestock held in the feedlot exceeded the supply that could be pumped from these four wells. When these water shortage events occurred, I would contact the operator at Simplot's waste recovery plant. After receiving my request, the operator would open a valve located along the north side of Highway 19 that connected the stock water system to Simplot's industrial food processing plant water supply system located on the south side of Highway 19. Water from the industrial system would then supplement the stock water system through a pipeline buried underneath and across Highway 19. Using this technique, the livestock water demand could be met with the water from the combination of the two systems during periods of water shortage.
5. I relied on this method of supplementing the feedlot water supply system from the time of my original employment with Simplot in 1970 until I retired as Construction Superintendent at Simplot's Feedlot in 1999. I do not know with certainty when the valve connecting the two water supply systems was originally installed. The valve was installed and fully operational before I arrived as a contractor in 1968.

Further the affiant sayeth not.

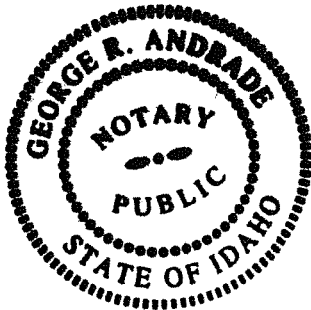
AFFIANT:

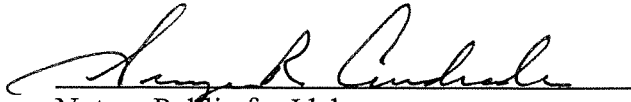

Kenneth Franklin Mefford

STATE OF IDAHO)
) S.S.
COUNTY OF CANYON)

On this 27th day of February, 2008, before me, a Notary Public in and for said State, personally appeared **Kenneth Franklin Mefford**, known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.




Notary Public for Idaho
Residing at: BOISE, ADA
My Commission Expires: JUNE 13, 2012

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JUL 15 2008

WATER RESOURCES
WESTERN REGION

Hoghouse
(converted to
feedlot)

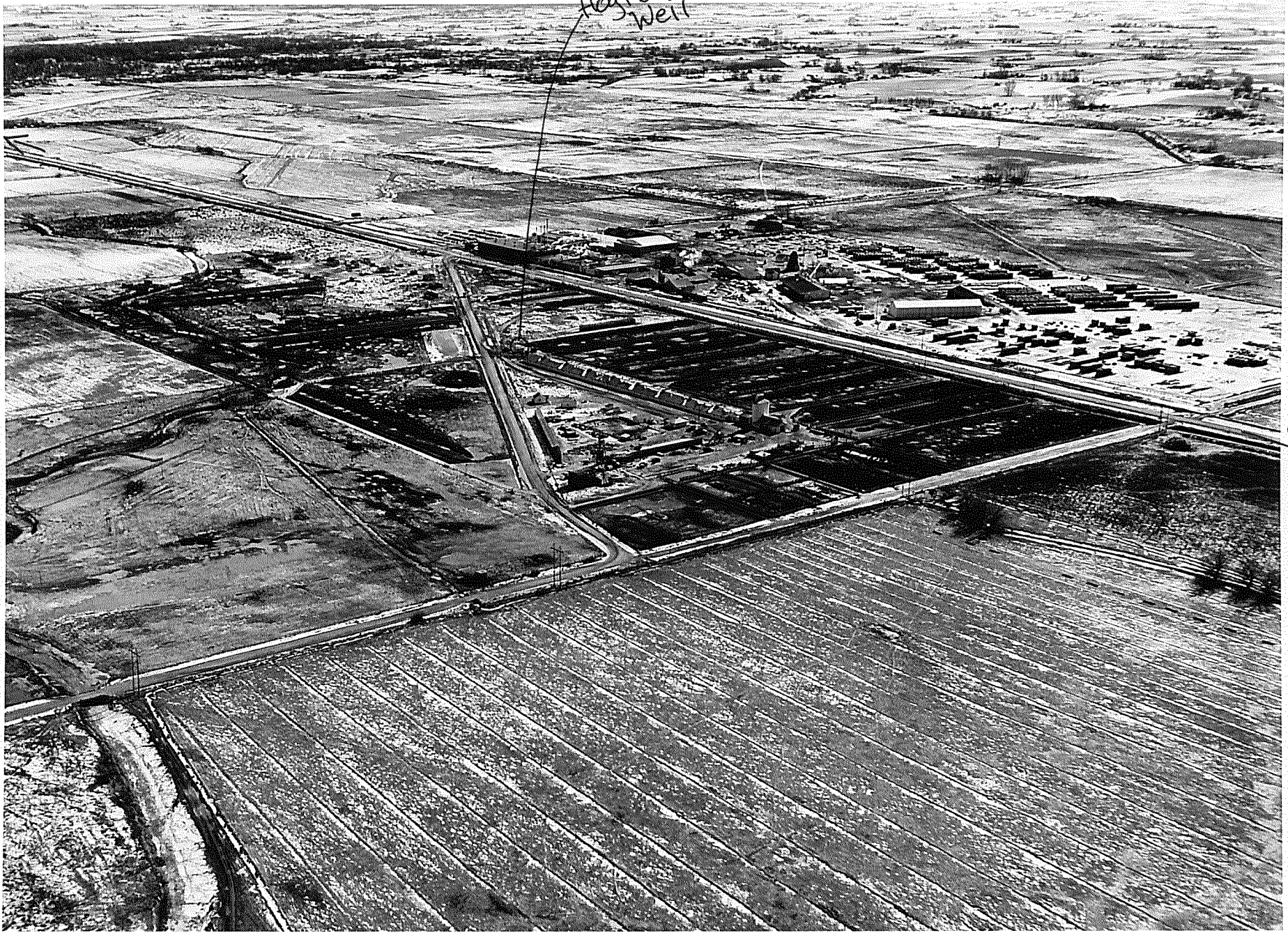
"Hoghouse"
well



(early 1940's)

Caldwell

Hog House
Well



Greenleaf

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JUL 15 2008

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WESTERN REGION

photo dated 9-20-49



6-12-49

011-24-20

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JUL 15 2008

WATER RESOURCES
WESTERN REGION

7

DHV-2T-191



7-4-1957

JUL 15 2008

WATER RESOURCES



7-6-64

DHV-100-150

JUL 15 2008

WATER RESOURCES
WESTERN REGION



5-9-09

DHV-1KK-294

JUL 15 2008

WATER RESOURCES
WESTERN REGION

1-3 6

10-18-77

USDA

40

16027

777-134

Areas outlined in Blue show the expansion between 1973 and 1977

KODAK SAFETY FILM

KODAK SAFETY FILM

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JUL 15 2008
WATER RESOURCES
WESTERN REGION

RECEIVED

JUL 15 2008

WATER RESOURCES
WESTERN REGION**Caldwell Wastewater Discharge 1984**

Discharge from process potato plant to wastewater treatment system

Month	August		September		October		November		December	
	gpm, avg.	mgd	gpm, avg.	mgd	gpm, avg.	mgd	gpm, avg.	mgd	gpm, avg.	mgd
1	1636	2.36	1181	1.70	3255	4.69	3202	4.61	3028	4.36
2	1639	2.36					2965	4.27	3051	4.39
3	1535	2.21					2985	4.30	3037	4.37
4	1222	1.76	2884	4.15			2990	4.31	3133	4.51
5	2577	3.71	2999	4.32			2998	4.32	3231	4.65
6	2687	3.87	3076	4.43			3215	4.63	3305	4.76
7	2644	3.81	2944	4.24			3123	4.50	3111	4.48
8	2785	4.01	2833	4.08	2862	4.12	3092	4.45	3000	4.32
9	2729	3.93	3063	4.41	2952	4.25	3073	4.43	2805	4.04
10	2757	3.97	3079	4.43	3151	4.54	3114	4.48	2973	4.28
11	2882	4.15	3049	4.39			2039	2.94	3189	4.59
12	2757	3.97	3052	4.39			2827	4.07	3157	4.55
13	3055	4.40	3264	4.70			2803	4.04	3157	4.55
14	2908	4.19	3076	4.43			3205	4.62	2922	4.21
15	2950	4.25	3097	4.46	3087	4.45	3135	4.51	2948	4.25
16	3042	4.38	3090	4.45	3126	4.50	2913	4.19	3077	4.43
17	2833	4.08	2961	4.26	3082	4.44	3079	4.43	2984	4.30
18	1403	2.02	3076	4.43			3044	4.38	3037	4.37
19			3115	4.49			3095	4.46	3046	4.39
20	2804	4.04	3264	4.70			3131	4.51	3064	4.41
21	2853	4.11	3042	4.38			2088	3.01	3030	4.36
22	3036	4.37	2944	4.24	2938	4.23				
23	3049	4.39	2912	4.19	3089	4.45				
24	3014	4.34	2910	4.19	2972	4.28				
25	3076	4.43	3105	4.47						
26	3069	4.42	3095	4.46			3015	4.34		
27	3030	4.36	3098	4.46			3036	4.37		
28	2950	4.25	2901	4.18			3129	4.51		
29	2905	4.18	2838	4.09	2843	4.09	3009	4.33		
30	3021	4.35	2717	3.91	3065	4.41	2948	4.25		
31	3083	4.44			3075	4.43				
Average		3.84		4.25		4.38		4.28		4.41
Maximum		4.44		4.70		4.69		4.63		4.76

0

PRIMARY CLARIFIER

DATE	INFLUENT FLOW gpm	INFLUENT mg/l	TOTAL lbs/day	PRIMARY CLARIFIER				INFLUENT mg/l	CHLORINE lbs/day	CHEMICAL mg/l	OXYGEN lbs/day	DEMAND lbs/day	REDUCTION %
				SUSPENDED EFFLUENT mg/l	SOLIDS lbs/day	DS lbs/day	REDUCTION %						
01-Aug	1636	440	0	240	0	0	0.00	2490	0	256	0	0	0.00
02-Aug	1639												
03-Aug	1535												
04-Aug	1222												
05-Aug	2577	1100	0	710	0	0	0.00	1742	0	587	0	0	0.00
06-Aug	2687	790	0	190	0	0	0.00	1520	0	700	0	0	0.00
07-Aug	2644	1440	0	370	0	0	0.00	1507	0	873	0	0	0.00
08-Aug	2785												
09-Aug	2729												
10-Aug	2757												
11-Aug	2882												
12-Aug	2757												
13-Aug	3055	60	0	20	0	0	0.00	1254	0	1000	0	0	0.00
14-Aug	2908	530	0	150	0	0	0.00	1699	0	849	0	0	0.00
15-Aug	2950	590	0	180	0	0	0.00	1422	0	612	0	0	0.00
16-Aug	3042												
17-Aug	2833												
18-Aug	1403												
19-Aug													
20-Aug	2804	450	0	200	0	0	0.00	1705	0	930	0	0	0.00
21-Aug	2853	240	0	160	0	0	0.00	1737	0	1138	0	0	0.00
22-Aug	3036	550	0	160	0	0	0.00	1673	0	877	0	0	0.00
23-Aug	3049												
24-Aug	3014												
25-Aug	3076												
26-Aug	3069												
27-Aug	3030	1090	0	570	0	0	0.00	1474	0	1075	0	0	0.00
28-Aug	2950	320	0	310	0	0	0.00	1080	0	1000	0	0	0.00
29-Aug	2905	190	0	190	0	0	0.00	1111	0	1091	0	0	0.00
30-Aug	3021												
31-Aug	3083												
COUNT:	0	0	0	0	0	0		0	0	0	0	0	
TOTALS:	0		0		0	0			0		0	0	
AVERAGE:	0	0	0	0	0	0	0.00	0	0	0	0	0	0.00
MAXIMUM:	0	0	0	0	0	0	0.00	0	0	0	0	0	0.00
MINIMUM:	0	0		0				0		0			

DATE	INFLUENT		ENT TS	TOTAL		PRIMARY CLARIFIER		SETTLEABLE SOLIDS		
	FLOW	INFLUENT		EFFLUENT	SOLIDS -	TS RE	DUCTION	INFLUENT	EFFLUENT	REDUCTION
	gpm	mg/l	lbs/day	mg/l	lbs/day	lbs/day	%	ml/l	ml/l	%
01-Aug	0	1330	0	1056	0	0	0.00	890	816	0.00
02-Aug	0									
03-Aug	0									
04-Aug	0									
05-Aug	0	1552	0	904	0	0	0.00	452	194	0.00
06-Aug	0	1944	0	1120	0	0	0.00	1154	930	0.00
07-Aug	0	1806	0	1210	0	0	0.00	366	840	0.00
08-Aug	0									
09-Aug	0									
10-Aug	0									
11-Aug	0									
12-Aug	0									
13-Aug	0	1458	0	946	0	0	0.00	1398	926	0.00
14-Aug	0	1564	0	1240	0	0	0.00	1034	1090	0.00
15-Aug	0	1720	0	1000	0	0	0.00	1130	820	0.00
16-Aug	0									
17-Aug	0									
18-Aug	0									
19-Aug										
20-Aug	0	2010	0	1264	0	0	0.00	1560	1064	0.00
21-Aug	0	1686	0	1332	0	0	0.00	1446	1172	0.00
22-Aug	0	1912	0	1288	0	0	0.00	1362	1128	0.00
23-Aug	0									
24-Aug	0									
25-Aug	0									
26-Aug	0									
27-Aug	0	1828	0	1432	0	0	0.00	738	862	0.00
28-Aug	0	1528	0	1442	0	0	0.00	1208	1132	0.00
29-Aug	0	1522	0	1404	0	0	0.00	1332	1602	0.00
30-Aug	0									
31-Aug	0									
COUNT:	0	0	0	0	0	0		0	0	
TOTALS:	0		0		0	0		0.0	0.0	
AVERAGE:	0	0	0	0	0	0	0.00	0.0	0.0	
MAXIMUM:	0	0	0	0	0	0	0.00	0.0	0.0	
MINIMUM:	0	0		0				0.0	0.0	

----- -- pH -- ----- T EMPERATIE -----						
DATE	INFLUENT	EFFLUENT	IRRIG.	INFLUENT	EFFLUENT	IRRIG.
				deg. F	deg. F	deg. F
=====						
01-Aug	7.4	5.2	5.2	85	85	85
02-Aug			5.2			85
03-Aug			5.3			87
04-Aug			5.1			86
05-Aug	7.2	5.6	5.6	88	90	90
06-Aug	6.9	5.7	5.7	90	88	88
07-Aug	6.9	5.3	5.1	91	88	88
08-Aug			6.2			88
09-Aug			6.4			89
10-Aug			6.3			87
11-Aug			5.9			86
12-Aug						
13-Aug	6.8	5.3	5.6	90	88	88
14-Aug	6.7	5.2	4.3	92	91	91
15-Aug	6.5	5.2	5.3	93	93	92
16-Aug						
17-Aug						
18-Aug						
19-Aug						
20-Aug	7.1	5.7	5.6	89	86	84
21-Aug	6.3	4.9	4.9	89	86	84
22-Aug	6.7	5.1	4.7	88	88	88
23-Aug			6.4			87
24-Aug			4.7			87
25-Aug			5.1			85
26-Aug			5.0			86
27-Aug	6.6	5.0	5.1	90	89	87
28-Aug	6.3	4.7	4.8	88	88	87
29-Aug	6.2	4.8	4.9	89	87	87
30-Aug			4.8			87
31-Aug			4.9			87

COUNT:	0	0	0	0	0	0
TOTALS:	0.0	0.0	0.0	0	0	0
AVERAGE:	0.0	0.0	0.0	0	0	0
MAXIMUM:	0.0	0.0	0.0	0	0	0
MINIMUM:	0.0	0.0	0.0	0	0	0

DATE	IRRIG. FLOW gpm	TOTAL SUSPENDED SOLIDS mg/l	DS lbs/day	CHEMICAL DEMAND mg/l	OXYGEN DEMAND lbs/day	IRRIGATION TOTAL mg/l	SOLIDS lbs/day	CONDUCT umhos	AMMONIA NH ₃ -N mg/l	ONIA 3-N lbs/day	KJELDAHL TK mg/l	NITROGEN N lbs/day	
01-Aug	0	290	0	750	0	1324	0		5.7	0	26.3	0	0
02-Aug	0	80	0	2269	0	1236	0	620	5.7	0	26.3	0	0
03-Aug	0	110	0	1826	0	1228	0	600	5.7	0	26.3	0	0
04-Aug	0	90	0	2307	0	1400	0	800	5.7	0	26.3	0	0
05-Aug	0	700	0	606	0	1024	0	580	5	0	33.3	0	0
06-Aug	0	630	0	920	0	1634	0	540	5	0	33.3	0	0
07-Aug	0	380	0	892	0	1240	0	900	5	0	33.3	0	0
08-Aug	0			866	0			1100	5	0	33.3	0	0
09-Aug	0			866	0			900	5	0	33.3	0	0
10-Aug	0			787	0			840	5	0	33.3	0	0
11-Aug	0			1082	0			800	5	0	33.3	0	0
12-Aug	0								13.2	0	46.2	0	0
13-Aug	0	210	0	549	0	1512	0	760	13.2	0	46.2	0	0
14-Aug	0	527	0	2015	0	882	0	840	13.2	0	46.2	0	0
15-Aug	0	1150	0	1640	0	2026	0	720	13.2	0	46.2	0	0
16-Aug	0								13.2	0	46.2	0	0
17-Aug	0								13.2	0	46.2	0	0
18-Aug	0								13.2	0	46.2	0	0
19-Aug									14.7		53.2		0
20-Aug	0	270	0	1899	0	1942	0	540	14.7	0	53.2	0	0
21-Aug	0	450	0	1428	0	1600	0	640	14.7	0	53.2	0	0
22-Aug	0	390	0	1408	0	1650	0	760	14.7	0	53.2	0	0
23-Aug	0	100	0	1235	0	1316	0	700	14.7	0	53.2	0	0
24-Aug	0	150	0	1000	0	1348	0	710	14.7	0	53.2	0	0
25-Aug	0	90	0	980	0	1314	0	700	14.7	0	53.2	0	0
26-Aug	0	230	0	1411	0	1412	0	710	17.6	0	39.2	0	0
27-Aug	0	750	0	1553	0	1370	0	620	17.6	0	39.2	0	0
28-Aug	0	340	0	1020	0	1372	0	680	17.6	0	39.2	0	0
29-Aug	0	420	0	1269	0	1626	0	640	17.6	0	39.2	0	0
30-Aug	0	180	0	480	0	894	0	700	17.6	0	39.2	0	0
31-Aug	0	330	0	1115	0	1342	0	700	17.6	0	39.2	0	0
COUNT:	0	0	0	0	0	0	0	0				0	
TOTALS:	0		0		0		0	0				0	
AVERAGE:	0	0	0	0	0	0	0	0				0	
MAXIMUM:	0	0	0	0	0	0	0	0	0		0	0	
MINIMUM:	0	0		0		0		0	0		0		

DATE	----- #3 gpm	----- POND EFF UENT FLO #4 gpm	----- # gpm	----- TOTAL gpm	----- TOTAL SOLI mg/l	--- IRRIGATION --- DS --- lbs/day	----- CHEMICAL OXYGEN --- DEMAND --- mg/l	----- lbs/day	----- TOTAL mg/l	----- SOLIDS lbs/day	----- pH	----- TEMP deg. F
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01-Aug
02-Aug
03-Aug
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27-Aug
28-Aug
29-Aug
30-Aug
31-Aug

COUNT:	0	0	0	0
TOTALS:	0	0	0	0
AVERAGE:	0	0	0	0
MAXIMUM:	0	0	0	0
MINIMUM:	0	0	0	0

CALDWELL RECOVERY PLANT (1984)

----- -- PRIM ARY CLAR FIER INFL UENT ---- ----- -- PRIM ARY CLAR FIER EFFL UENT ---- -----													
DATE	FLOWRATI	TEMP.	pH	COD	TS	TSS	SS	TEMP.	pH	COD	TS	TSS	SS
	gpm	deg. F		mg/l	mg/l	mg/l	mg/l	deg. F		mg/l	mg/l	mg/l	mg/l
01-Oct	3255	87	6.8	2960	2890	1260	1630	85	5.0	1840	1440	170	1270
02-Oct													
03-Oct													
04-Oct													
05-Oct													
06-Oct													
07-Oct													
08-Oct	2862	89	6.6	3384	2392	760	1632	87	4.9	1826	1532	190	1342
09-Oct	2952	89	6.7	2846	2216	820	1396	88	4.6	1403	1224	90	1134
10-Oct	3151	86	6.8	2307	1548	420	1128	84	5.0	1295	1508	360	1148
11-Oct													
12-Oct													
13-Oct													
14-Oct													
15-Oct	3087	85	6.7	2313	2486	850	1636	83	5.1	2058	1758	450	1308
16-Oct	3126	86	6.5	1838	1940	420	1520	83	4.9	1138	1510	370	1140
17-Oct	3082	87	7.1	2426	2528	920	1608	85	4.8	1194	1658	250	1408
18-Oct													
19-Oct													
20-Oct													
21-Oct													
22-Oct	2938	85	6.9	2923	2776	2250	526	85	4.7	1807	1616	410	1206
23-Oct	3089	86	6.8	2981	4496	3480	1016	84	4.8	1890	1962	50	1912
24-Oct	2972	84	6.6	3038	3078	1440	1638	82	4.6	2134	2006	369	1637
25-Oct													
26-Oct													
27-Oct													
28-Oct													
29-Oct	2843	87	7.1	2723	2754	730	2024	84	5.8	1828	2266	410	1856
30-Oct	3065	87	7.0	2290	2698	800	1898	85	5.5	1603	1938	300	1638
31-Oct	3075	86	7.0	1954	2366	630	1736	84	5.5	1072	1790	230	1560

IRIGATION						
TEMP.	pH	COD	TS	TSS	SS	COND.
deg. F		mg/l	mg/l	mg/l	mg/l	umhos
86	5.1	2500	1660	810	850	550
86	5.1	2326	1974	210	1764	540
86	5.2	2500	1814	630	1184	510
87	5.3	2230	1956	450	1506	500
89	4.9	3500	1834	350	1484	510
87	4.9	2365	1904	750	1154	
86	5.0	2173	1476	610	866	
84	4.9	2004	2010	820	1190	
84	4.9	3725	1798	780	1018	420
85	6.8	1862	1890	1400	490	420
86	4.7	1784	1814	220	1594	520
85	4.6	1882	1832	930	902	410
84	5.1	1647	1870	890	980	480
82	4.8	2224	1834	190	1644	520
84	4.9	1875	1854	1190	664	410
83	5.0	1961	2084	840	1244	400
83	5.0	1576	1974	680	1294	400
85	5.0	1653	2238	190	2048	398
84	5.1	1942	1924	610	1314	460
84	5.0	1848	2234	2010	224	510
84	5.0	2363	1970	510	1460	520
81	5.0	2365	1970	390	1580	520
84	5.0	1984	2236	1180	1056	560
84	5.3	1354	2606	1990	616	510
85	5.4	1316	2800	1690	1110	510
84	9.3	2118	2910	1260	1650	490
84	6.1	1977	2400	1040	1360	560
84	5.7	2232	2296	600	1696	510
84	5.5	1360	2554	700	1854	460

PRIMARY (LARI) FIER													
DATE	INFLUENT FLOW	INFLUENT	TO ENT TSS	TAL SUSPENDED SOLIDS	EFFLUENT TSS	TSS REDUCTION	INFLUENT	CH ENT COD	EMICAL OY GEN DEN ND	EFFLUENT COD	COD RE	DUCTION	
	gpm	mg/l	lbs/day	mg/l	lbs/day	lbs/day	%	mg/l	lbs/day	mg/l	lbs/day	lbs/day	%
01-Nov	3202												
02-Nov	2965												
03-Nov	2985												
04-Nov	2990												
05-Nov	2998	870	0	520	0	0	0.00	2023	0	1091	0	0	0.00
06-Nov	3215	460	0	390	0	0	0.00	2579	0	1626	0	0	0.00
07-Nov	3123	1190	0	410	0	0	0.00	2658	0	1726	0	0	0.00
08-Nov	3092												
09-Nov	3073												
10-Nov	3114												
11-Nov	2039												
12-Nov	2827	310	0	360	0	0	0.00	1920	0	1560	0	0	0.00
13-Nov	2803	950	0	480	0	0	0.00	2656	0	1738	0	0	0.00
14-Nov	3205	210	0	500	0	0	0.00	1660	0	1328	0	0	0.00
15-Nov	3135												
16-Nov	2913												
17-Nov	3079												
18-Nov	3044												
19-Nov	3095	1130	0	580	0	0	0.00	2588	0	1902	0	0	0.00
20-Nov	3131												
21-Nov	2088												
22-Nov													
23-Nov													
24-Nov													
25-Nov													
26-Nov	3015	868	0	220	0	0	0.00	2193	0	1654	0	0	0.00
27-Nov	3036	930	0	470	0	0	0.00	2763	0	1751	0	0	0.00
28-Nov	3129	1100	0	390	0	0	0.00	2934	0	1776	0	0	0.00
29-Nov	3009												
30-Nov	2948												
01-Dec													
COUNT:	0	0	0	0	0	0		0	0	0	0	0	
TOTALS:	0		0		0	0			0		0	0	
AVERAGE:	0	0	0	0	0	0	0.00	0	0	0	0	0	0.00
MAXIMUM:	0	0	0	0	0	0	0.00	0	0	0	0	0	0.00
MINIMUM:	0	0		0				0		0			

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DATE	INFLUENT			TOTAL EFFLUENT		PRIMARY CLARIFIER		SETTLABLE SOLIDS		
	FLOW	INFLUENT	SOLIDS	EFFLUENT	SOLIDS	TS	REDUCTION	SETTLING	EFFLUENT	REDUCTION
	gpm	mg/l	lbs/day	mg/l	lbs/day	lbs/day	%	ml/l	ml/l	%
01-Nov	0									
02-Nov	0									
03-Nov	0									
04-Nov	0									
05-Nov	0	2452	0	2294	0	0	0.00	1582	1774	0.00
06-Nov	0	2722	0	2148	0	0	0.00	2262	1758	0.00
07-Nov	0	2354	0	1854	0	0	0.00	164	1444	0.00
08-Nov	0									
09-Nov	0									
10-Nov	0									
11-Nov	0									
12-Nov	0	1816	0	1776	0	0	0.00	1506	1416	0.00
13-Nov	0	2636	0	1986	0	0	0.00	1686	1506	0.00
14-Nov	0	2570	0	1754	0	0	0.00	2360	1254	0.00
15-Nov	0									
16-Nov	0									
17-Nov	0									
18-Nov	0									
19-Nov	0	1970	0	1766	0	0	0.00	840	1186	0.00
20-Nov	0									
21-Nov	0									
22-Nov										
23-Nov										
24-Nov										
25-Nov										
26-Nov	0	1954	0	1892	0	0	0.00	1086	1672	0.00
27-Nov	0	2746	0	2172	0	0	0.00	1816	1702	0.00
28-Nov	0	2960	0	2174	0	0	0.00	1860	1784	0.00
29-Nov	0									
30-Nov	0									
01-Dec										
COUNT:	0	0	0	0	0	0		0	0	
TOTALS:	0		0		0	0		0.0	0.0	
AVERAGE:	0	0	0	0	0	0	0.00	0.0	0.0	
MAXIMUM:	0	0	0	0	0	0	0.00	0.0	0.0	
MINIMUM:	0	0		0				0.0	0.0	

DATE	pH		TEMPERATURE			
	INFLUENT	EFFLUENT	IRRIG.	INFLUENT	EFFLUENT	IRRIG.
				deg. F	deg. F	deg. F
=====						
01-Nov			5.6			84
02-Nov			5.4			85
03-Nov			5.6			85
04-Nov			5.6			85
05-Nov	6.8	5.7	5.2	84	83	85
06-Nov	6.7	4.4	4.2	87	83	81
07-Nov	6.7	5.0	5.1	86	84	83
08-Nov			5.1			84
09-Nov			4.7			83
10-Nov			4.8			83
11-Nov			7.3			83
12-Nov	6.7	4.9	6.1	85	83	84
13-Nov	6.8	4.8	4.8	86	84	84
14-Nov	6.5	4.4	4.5	86	84	83
15-Nov			4.8			84
16-Nov			4.8			83
17-Nov			4.7			86
18-Nov			5.0			84
19-Nov	6.2	5.1	5.2	85	83	82
20-Nov			5.0			83
21-Nov			5.0			84
22-Nov						
23-Nov						
24-Nov						
25-Nov						
26-Nov	7.0	5.8	6.1	83	79	80
27-Nov	6.8	4.8	4.9	85	82	83
28-Nov	6.6	4.6	4.5	85	83	84
29-Nov			5.9			84
30-Nov			4.8			83
01-Dec						
=====						
COUNT:	0	0	0	0	0	0
TOTALS:	0.0	0.0	0.0	0	0	0
AVERAGE:	0.0	0.0	0.0	0	0	0
MAXIMUM:	0.0	0.0	0.0	0	0	0
MINIMUM:	0.0	0.0	0.0	0	0	0

DATE	IRRIG. FLOW gpm	TOTAL SOLIDS mg/l	SUPENDED DS lbs/day	CHEMICAL DEMA mg/l	OXYGEN ND lbs/day	IRRIG TOTAL mg/l	ATION SOLIDS lbs/day	CONDUCT umhos	AMM NH mg/l	ONIA 3-N lbs/day	KJELDAHL TK mg/l	NITROGEN N lbs/day	
01-Nov	0	580	0	1397	0	2036	0	440	12.8	0	68.6	0	0
02-Nov	0	530	0	2303	0	2186	0	440	12.8	0	68.6	0	0
03-Nov	0	490	0	1988	0	2146	0	400	12.8	0	68.6	0	0
04-Nov	0	460	0	1653	0	2362	0	450	20.8	0	71.4	0	0
05-Nov	0	960	0	1547	0	2456	0	410	20.8	0	71.4	0	0
06-Nov	0	170	0	2222	0	2394	0	520	20.8	0	71.4	0	0
07-Nov	0	1580	0	2480	0	2216	0	420	20.8	0	71.4	0	0
08-Nov	0	800	0	2368	0	2382	0	450	20.8	0	71.4	0	0
09-Nov	0	1640	0	1882	0	2278	0	450	20.8	0	71.4	0	0
10-Nov	0	1310	0	1842	0	1924	0	470	20.8	0	71.4	0	0
11-Nov	0	2110	0	2331	0	2564	0	470	15.2	0	61.6	0	0
12-Nov	0	350	0	2020	0	2064	0	450	15.2	0	61.6	0	0
13-Nov	0	760	0	2265	0	2596	0	430	15.2	0	61.6	0	0
14-Nov	0	880	0	2167	0	2222	0	250	15.2	0	61.6	0	0
15-Nov	0	530	0	1477	0	1638	0	430	15.2	0	61.6	0	0
16-Nov	0	490	0	1614	0	1986	0	460	15.2	0	61.6	0	0
17-Nov	0	950	0	1614	0	1924	0	420	15.2	0	61.6	0	0
18-Nov	0	1750	0	2067	0	2044	0	760	14	0	57.4	0	0
19-Nov	0	610	0	1922	0	1984	0	920	14	0	57.4	0	0
20-Nov	0	1700	0	1834	0	2594	0	710	14	0	57.4	0	0
21-Nov	0	1700	0	2780	0	3892	0	1120	14	0	57.4	0	0
22-Nov									14		57.4		0
23-Nov									14		57.4		0
24-Nov									14		57.4		0
25-Nov									11		72.8		0
26-Nov	0	740	0	1728	0	2058	0	820	11	0	72.8	0	0
27-Nov	0	640	0	2296	0	2338	0	860	11	0	72.8	0	0
28-Nov	0	600	0	2065	0	2478	0	600	11	0	72.8	0	0
29-Nov	0	1260	0	3243	0	3218	0	1000	11	0	72.8	0	0
30-Nov	0	1100	0	2934	0	2960	0	860	11	0	72.8	0	0
01-Dec													0
COUNT:	0	0	0	0	0	0	0	0				0	
TOTALS:	0	0	0	0	0	0	0	0				0	
AVERAGE:	0	0	0	0	0	0	0	0				0	
MAXIMUM:	0	0	0	0	0	0	0	0	0		0	0	
MINIMUM:	0	0	0	0	0	0	0	0	0		0		

CALDWELL RECOVERY PLANT (1986)

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DATE	#3	#4	#	TOTAL	TOTAL SUSPENDED SOLIDS	IRRIGATION CHEMICAL DEMAND	OXYGEN	TOTAL	SOLIDS	pH	TEMP
	gpm	gpm	gpm	gpm	mg/l	lbs/day	mg/l	lbs/day	mg/l	lbs/day	deg. F

01-Nov
02-Nov
03-Nov
04-Nov
05-Nov
06-Nov
07-Nov
08-Nov
09-Nov
10-Nov
11-Nov
12-Nov
13-Nov
14-Nov
15-Nov
16-Nov
17-Nov
18-Nov
19-Nov
20-Nov
21-Nov
22-Nov
23-Nov
24-Nov
25-Nov
26-Nov
27-Nov
28-Nov
29-Nov
30-Nov
01-Dec

COUNT:	0	0	0	0
TOTALS:	0	0	0	0
AVERAGE:	0	0	0	0
MAXIMUM:	0	0	0	0
MINIMUM:	0	0	0	0

PRIMARY CLARIFIER													
DATE	INFLUENT FLOW	INFLUENT	TO TSS	TOTAL EFFLUENT	SUSPENDED TSS	SOLIDS TSS	REDUCTION %	INFLUENT	CH ENT COD	CHEMICAL EFFLUENT	OXYGEN ENT COD	DEMAND COD	REDUCTION %
	gpm	mg/l	lbs/day	mg/l	lbs/day	lbs/day	%	mg/l	lbs/day	mg/l	lbs/day	lbs/day	%
01-Dec	3028												
02-Dec	3051												
03-Dec	3037	1100	0	550	0	0	0.00	3160	0	2300	0	0	0.00
04-Dec	3133	1440	0	470	0	0	0.00	3130	0	1768	0	0	0.00
05-Dec	3231	790	0	1160	0	0	0.00	2749	0	2589	0	0	0.00
06-Dec	3305												
07-Dec	3111												
08-Dec	3000												
09-Dec	2805												
10-Dec	2973	1290	0	500	0	0	0.00	3784	0	2191	0	0	0.00
11-Dec	3189	600	0	370	0	0	0.00	2403	0	2267	0	0	0.00
12-Dec	3157	1010	0	330	0	0	0.00	1394	0	1155	0	0	0.00
13-Dec	3157												
14-Dec	2922												
15-Dec	2948												
16-Dec	3077												
17-Dec	2984												
18-Dec	3037												
19-Dec	3046												
20-Dec	3064												
21-Dec	3030												
22-Dec													
23-Dec													
24-Dec													
25-Dec													
26-Dec													
27-Dec													
28-Dec													
29-Dec													
30-Dec													
31-Dec													

COUNT:	0	0	0	0	0	0		0	0	0	0	0	
TOTALS:	0		0		0	0			0		0	0	
AVERAGE:	0	0	0	0	0	0	0.00	0	0	0	0	0	0.00
MAXIMUM:	0	0	0	0	0	0	0.00	0	0	0	0	0	0.00
MINIMUM:	0	0		0				0		0			

Caldwell Recovery Plant (1994)										
DATE	INFLUENT FLOW	INFLUENT	EFFLUENT	TOTAL EFFLUENT	SOLIDS	PRIMARY CLARIFIER		SETTLABLE SOLIDS	SOLIDS	
	gpm	mg/l	lbs/day	mg/l	lbs/day	TS RE	DUCTION	INFLUENT	EFFLUENT	REDUCTION
						lbs/day	%	ml/l	ml/l	%
01-Dec	0									
02-Dec	0									
03-Dec	0	3194	0	2520	0	0	0.00	2094	1970	0.00
04-Dec	0	3264	0	2170	0	0	0.00	1824	1700	0.00
05-Dec	0	1966	0	2620	0	0	0.00	1176	1460	0.00
06-Dec	0									
07-Dec	0									
08-Dec	0									
09-Dec	0									
10-Dec	0	2846	0	1846	0	0	0.00	1556	1346	0.00
11-Dec	0	2052	0	1628	0	0	0.00	1452	1258	0.00
12-Dec	0	3092	0	2418	0	0	0.00	2082	2088	0.00
13-Dec	0									
14-Dec	0									
15-Dec	0									
16-Dec	0									
17-Dec	0									
18-Dec	0									
19-Dec	0									
20-Dec	0									
21-Dec	0									
22-Dec										
23-Dec										
24-Dec										
25-Dec										
26-Dec										
27-Dec										
28-Dec										
29-Dec										
30-Dec										
31-Dec										
COUNT:	0	0	0	0	0	0		0	0	
TOTALS:	0		0		0	0		0.0	0.0	
AVERAGE:	0	0	0	0	0	0	0.00	0.0	0.0	
MAXIMUM:	0	0	0	0	0	0	0.00	0.0	0.0	
MINIMUM:	0	0		0				0.0	0.0	

DATE	pH		TEMPERATURE			
	INFLUENT	EFFLUENT	IRRIG.	INFLUENT	EFFLUENT	IRRIG.
				deg. F	deg. F	deg. F
01-Dec				4.6		83
02-Dec				4.9		83
03-Dec	6.7	4.7		4.8	84	83
04-Dec	6.5	4.3		4.4	87	83
05-Dec	6.7	4.7		4.7	85	83
06-Dec				4.9		
07-Dec				5.0		
08-Dec				5.5		
09-Dec				6.5		
10-Dec	6.8	4.5		4.7	87	84
11-Dec	6.8	5.3		5.4	87	84
12-Dec	6.6	5.0		5.2	87	83
13-Dec				5.1		
14-Dec				4.9		
15-Dec				4.6		
16-Dec				5.2		
17-Dec						
18-Dec						
19-Dec						
20-Dec						
21-Dec						
22-Dec						
23-Dec						
24-Dec						
25-Dec						
26-Dec						
27-Dec						
28-Dec						
29-Dec						
30-Dec						
31-Dec						
COUNT:	0	0	0	0	0	0
TOTALS:	0.0	0.0	0.0	0	0	0
AVERAGE:	0.0	0.0	0.0	0	0	0
MAXIMUM:	0.0	0.0	0.0	0	0	0
MINIMUM:	0.0	0.0	0.0	0	0	0

DATE	IRRIG. FLOW gpm	TOTAL SUSPENDED SOLIDS mg/l	DS lbs/day	CHEMICAL DEMAND mg/l	OXYGEN DEMAND lbs/day	IRRIGATION TOTAL mg/l	SOLIDS lbs/day	CONDUCT umhos	AMMONIA NH3 mg/l	ONIA 3-N lbs/day	KJELDAHL TK mg/l	NITROGEN N lbs/day	
01-Dec	0	390	0	1776	0	2174	0	860	11	0	72.8	0	0
02-Dec	0	600	0	2065	0	2478	0	800	13.8	0	72.8	0	0
03-Dec	0	820	0	3200	0	2484	0	820	13.8	0	72.8	0	0
04-Dec	0	1820	0	2703	0	2780	0	920	13.8	0	72.8	0	0
05-Dec	0	1740	0	2709	0	2738	0	1020	13.8	0	72.8	0	0
06-Dec	0			1872	0			800	13.8	0	72.8	0	0
07-Dec	0			2808	0			820	13.8	0	72.8	0	0
08-Dec	0			2868	0			1020	13.8	0	72.8	0	0
09-Dec	0			1992	0			1040	20.6	0	60.9	0	0
10-Dec	0	640	0	2310	0	1846	0	920	20.6	0	60.9	0	0
11-Dec	0	460	0	2965	0	2150	0	680	20.6	0	60.9	0	0
12-Dec	0	930	0	2151	0	2828	0	1100	20.6	0	60.9	0	0
13-Dec	0	1470	0	3261	0	3826	0	1015	20.6	0	60.9	0	0
14-Dec	0	2570	0	4121	0	4420	0	1000	20.6	0	60.9	0	0
15-Dec	0	750	0	3828	0	1994	0	940	20.6	0	60.9	0	0
16-Dec	0	430	0	2656	0	1722	0	1000	14.3	0	71.4	0	0
17-Dec	0								14.3	0	71.4	0	0
18-Dec	0								14.3	0	71.4	0	0
19-Dec	0								14.3	0	71.4	0	0
20-Dec	0								14.3	0	71.4	0	0
21-Dec	0								14.3	0	71.4	0	0
22-Dec													0
23-Dec													0
24-Dec													0
25-Dec													0
26-Dec													0
27-Dec													0
28-Dec													0
29-Dec													0
30-Dec													0
31-Dec													0
COUNT:	0	0	0	0	0	0	0	0				0	
TOTALS:	0		0		0		0	0				0	
AVERAGE:	0	0	0	0	0	0	0	0				0	
MAXIMUM:	0	0	0	0	0	0	0	0	0		0	0	
MINIMUM:	0	0		0		0		0	0		0		

CALDWELL RECOVERY PLANT (1984)

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DATE	#3	POND EFF #4	UENT FLO' #	TOTAL	TOTAL SUSPENDED --- SOLI DS ---	IRRIGATION --- DEMAND ---	CHEMICAL --- DEMAND ---	OXYGEN --- DEMAND ---	TOTAL	SOLIDS	pH	TEMP
	gpm	gpm	gpm	gpm	mg/l	lbs/day	mg/l	lbs/day	mg/l	lbs/day		deg. F

01-Dec
02-Dec
03-Dec
04-Dec
05-Dec
06-Dec
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20-Dec
21-Dec
22-Dec
23-Dec
24-Dec
25-Dec
26-Dec
27-Dec
28-Dec
29-Dec
30-Dec
31-Dec

COUNT:	0	0	0	0
TOTALS:	0	0	0	0
AVERAGE:	0	0	0	0
MAXIMUM:	0	0	0	0
MINIMUM:	0	0	0	0