

STATE OF IDAHO
WATER DISTRICT 130
WATER MEASUREMENT ANNUAL REPORT

REPORTING YEAR 2015

RECEIVED
JAN 19 2016
DEPT OF WATER RESOURCES
SOUTHERN REGION

OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE

ATTENTION: Year end data must be submitted to Water District 130, 650 Addison Ave. West Suite 500, Twin Falls ID, 83301, on or before **January 15, 2016.**

Chad
date 2/22/16

Reporter ID/Name:	_____	JOHN R MACMILLAN	_____
Water Source:	_____	CLEAR SPRINGS FOODS	_____
Legal Description:	T _____	08S 14E S28 NESWNE	1/4
Site Tag No:	_____	BOX CANYON FARM	_____
Diversion Name:	_____	A0001565 410032	9

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right Owner

Please check for address correction ☐

Name Same
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

Operator or Contact Person (if different from owner)

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

SECTION II Water Use Information

Crop

Acres

Non-Irrigation Use(s)

Total acres

Number of idled acres

SECTION III Water Measurement Log (*measurements must be recorded at least once per week and in units of cubic feet per second.*) **PLEASE SHOW TURN ON/TURN OFF DATES**

DAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1						311.2
2		320.5	318.3			
3						
4					310.8	
5	319.9					
6				315.5		
7						
8						309.8
9		320.6	318.4			
10						
11					313.8	
12	319.0					
13				314.8		
14						
15						309.7
16		319.4	317.1			
17						
18					310.3	
19	321.5					
20				312.9		
21						
22						304.9
23		321.3	315.7			
24						
25					309.4	
26	320.4					
27				305.6		
28						
29						308.8
30		-----	NA			
31		-----		-----		-----

SECTION III Water Measurement Log (Continued). (measurements must be recorded at least once per week and in units of cubic feet per second.) PLEASE SHOW TURN ON/TURN OFF DATES

DAY	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER
1						
2					313.2	
3		308.9				
4						
5				312.7		
6	307.4					
7			314.1			317.7
8						
9					308.2	
10		303.8				
11						
12				310.6		
13	308.9					
14			313.3			318.5
15						
16					309.9	
17		309.5				
18						
19				313.4		
20	306.6					
21			316.1			317.0
22						
23					318.4	
24		305.0				
25						
26				311.0		
27	306.2					
28			312.8			313.4
29						
30					316.1	
31		315.4	-----		-----	

SECTION IV Measuring Device Information

A. Type & Description of Measuring Device(s): Same

B. Attach copies of all measuring device rating tables to this report (omit if previously supplied).

SECTION V Modifications made to water system

Please describe in the space below any major modification made to the diversion works or measuring device during the reporting year.

None

SECTION VI Certification

I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Signature

Title

Date

Reviewed by

N. ERICKSON

Data entry by

Chen

For Department Use Only

Date

2/23/16

Date

3/22/14

STATE OF IDAHO
WATER DISTRICT 130
WATER MEASUREMENT ANNUAL REPORT

REPORTING YEAR 2014

OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE

RECEIVED
JAN 21 2015
DEPT OF WATER RESOURCES
SOUTHERN REGION

but by
other
4/17/15

ATTENTION: Year end data must be submitted to Water District 130, 650 Addison Ave. West Suite 500, Twin Falls ID, 83301, on or before **January 20, 2015.**

Reporter ID/Name:	_____	JOHN R MACMILLAN	_____
Water Source:	_____	CLEAR SPRINGS FOODS	_____
Legal Description:	T _____	08S 14E S28 NESWNE	_____ 1/4
		BOX CANYON FARM	_____
Site Tag No:	_____	A0001565	410032 9 _____
Diversion Name:	_____		

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right Owner

Please check for address correction ☐

Name unchanged _____ Phone _____
Last, First, MI
Address _____ Fax _____
City _____ Mobile _____
State & Zip _____ e-mail _____

Operator or Contact Person (if different from owner)

Name _____ Phone _____
Last, First, MI
Address _____ Fax _____
City _____ Mobile _____
State & Zip _____ e-mail _____

SECTION II Water Use Information

<u>Crop</u>	<u>Acres</u>	<u>Non-Irrigation Use(s)</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
Total acres	_____	

Number of idled acres _____

SECTION III Water Measurement Log (*measurements must be recorded at least once per week and in units of cubic feet per second.*) **PLEASE SHOW TURN ON/TURN OFF DATES**

DAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1						
2						312.8
3		320.1	320.5			
4						
5					315.4	
6	320.4					
7				318.8		
8						
9						311.5
10		319.2	318.6			
11						
12					314.2	
13	319.2					
14				319.1		
15						
16						313.5
17		320.4	320.1			
18						
19					312.9	
20	321.2					
21				319.3		
22						
23						314.7
24		319.6	320.8			
25						
26					312.7	
27	319.9					
28				315.7		
29						
30		-----				312.9
31		-----	318.4	-----		-----

SECTION III Water Measurement Log (Continued). *(measurements must be recorded at least once per week and in units of cubic feet per second.)* **PLEASE SHOW TURN ON/TURN OFF DATES**

DAY	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER
1			321.1			320.6
2						
3					316.4	
4		312.0				
5						
6				315.3		
7	313.0					
8			321.1			321.4
9						
10					318.6	
11		314.3				
12						
13				320.0		
14	311.5					
15			321.5			322.3
16						
17					318.6	
18		318.5				
19						
20				316.7		
21	311.8					
22			319.5			320.3
23						
24					319.9	
25		320.1				
26						
27				317.0		
28	312.5					
29			319.4			319.3
30						
31			—		—	

SECTION IV Measuring Device Information

A. Type & Description of Measuring Device(s): unchanged

B. Attach copies of all measuring device rating tables to this report (omit if previously supplied).

SECTION V Modifications made to water system

Please describe in the space below any major modification made to the diversion works or measuring device during the reporting year.

NONE

SECTION VI Certification

I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

John R. MacMillan
Signature

VP
Title

1-15-15
Date

Reviewed by N. Erickson
Data entry by Chen

For Department Use Only

Date 4/15/15
Date 4/17/15

STATE OF IDAHO
WATER DISTRICT 130
WATER MEASUREMENT ANNUAL REPORT

Delivered
4/15/13

RECEIVED

JAN 16 2013

DEPT. OF WATER RESOURCES
SOUTHERN REGION

REPORTING YEAR 2012

OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE

ATTENTION: Year end data must be submitted to Water District 130, 1341 Fillmore St Ste 200, Twin Falls ID, 83301, on or before **January 25, 2013.**

Reporter ID/Name:	JOHN R MACMILLAN	
Water Source:	CLEAR SPRINGS FOODS	
	08S 14E S28 NESWNE	
Legal Description:	T BOX CANYON FARM	1/4 1/4
Site Tag No:	A0001565 410032	9
Diversion Name:		

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right Owner

Please check for address correction ☐

Name _____
Last, First, MI
Address _____
City _____
State & Zip _____

Phone _____
Fax _____
Mobile _____
e-mail _____

Operator or Contact Person (if different from owner)

Name _____
Last, First, MI
Address _____
City _____
State & Zip _____

Phone _____
Fax _____
Mobile _____
e-mail _____

SECTION II Water Use Information

Crop	Acres
_____	_____
_____	_____
_____	_____
Total acres	_____

Non-Irrigation Use(s)

Number of idled acres _____

SECTION III Water Measurement Log (*measurements must be recorded at least once per week and in units of cubic feet per second.*) **PLEASE SHOW TURN ON/TURN OFF DATES**

DAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1						
2						
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30		-----				
31		-----		-----		-----

SECTION III Water Measurement Log (Continued). *(measurements must be recorded at least once per week and in units of cubic feet per second.)* **PLEASE SHOW TURN ON/TURN OFF DATES**

DAY	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER
1						
2						
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31			-----		-----	

SECTION IV Measuring Device Information

A. Type & Description of Measuring Device(s): _____

unchanged since 9/12/2011

B. Attach copies of all measuring device rating tables to this report (omit if previously supplied).

SECTION V Modifications made to water system

Please describe in the space below any major modification made to the diversion works or measuring device during the reporting year.

none

SECTION VI Certification

I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

John R. MacMill
Signature

VP
Title

1-14-13
Date

For Department Use Only

Reviewed by _____
Data entry by clhe

Date _____
Date 4/5/13

January 9, 2012

Cindy Yenter

State of Idaho – Department of Water Resources

Suite 200

Twin Falls, Idaho 83301-3380

RECEIVED

JAN 16 2013

**DEPT. OF WATER RESOURCES
SOUTHERN REGION**

Dear Cindy,

During September of 2011 the Clear Springs Foods, Box Canyon Farm, made a change in water flow measurement devices. The Box Canyon Farm had been measuring farm water flow with a VorTek Volumetric Vortex Flow Meter model M23-V insertion meter since May 3, 2006. In September of 2011 we upgraded our measuring device to a GE Panametrics AT868 Aquatrans Ultrasonic Flowmeter. The measurements from the Panametrics AT868 began on September 12, 2011. There are five pipes that deliver water to the farm all of which have dedicated flow meters. The flow meter site and installation was approved by Cindy Yenter and Corbin Knowles from the State of Idaho – Department of Water Resources.

Sincerely,

Tom Scott

Box Canyon Farm Manager

is to previous reading

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

Note: VAR. is to previous reading
UPDATE DATE
01/10/13

Note: VAR. is to previous reading
UPDATE DATE
01/10/13

DATE	Period Date	2005			Period Date	2006			Period Date	2007			Period Date	2008			Period Date	2009			Period Date	2010			Period Date	2011			Period Date	2012		
		C.F.S	VAR.	*		C.F.S	VAR.	*		C.F.S	VAR.	*		C.F.S	VAR.	*		C.F.S	VAR.	*		C.F.S	VAR.	*		C.F.S	VAR.	*		C.F.S	VAR.	*
07-Jan	3-Jan	299.27	0.00	A	2-Jan	297.04	-1.55		1-Jan	296.87	0.00	A	7-Jan	298.80	-0.92		5-Jan	297.65	2.45		4-Jan	299.33	-0.40		3-Jan	300.17	1.89		2-Jan	321.80	3.84	
14-Jan	10-Jan	299.27	0.00	A	9-Jan	297.04	0.00	A	8-Jan	296.87	0.00	A	14-Jan	298.80	0.00	A	12-Jan	297.65	0.00	A	11-Jan	299.33	0.00	A	10-Jan	300.17	0.00	A	9-Jan	320.57	-1.23	
21-Jan	17-Jan	299.27	0.00	A	16-Jan	297.04	0.00	A	15-Jan	299.47	2.60		21-Jan	298.80	0.00	A	19-Jan	297.65	0.00	A	18-Jan	299.33	0.00	A	17-Jan	300.17	0.00	A	16-Jan	320.57	0.00	
28-Jan	24-Jan	299.27	0.00	A	23-Jan	297.04	0.00	A	22-Jan	299.47	0.00	A	28-Jan	298.80	0.00	A	26-Jan	297.65	0.00	A	25-Jan	299.33	0.00	A	24-Jan	300.17	0.00	A	23-Jan	316.10	-4.47	
04-Feb	31-Jan	299.27	0.00	A	30-Jan	296.30	-0.74		29-Jan	299.47	0.00	A	4-Feb	298.93	0.13		2-Feb	297.65	0.00	A	1-Feb	299.88	0.55		31-Jan	300.17	0.00	A	30-Jan	321.36	5.26	
11-Feb	7-Feb	299.27	0.00	A	6-Feb	296.30	0.00	A	5-Feb	299.47	0.00	A	11-Feb	298.93	0.00	A	9-Feb	297.83	0.18		8-Feb	299.88	0.00	A	7-Feb	298.04	-2.13		6-Feb	320.50	-0.86	
18-Feb	14-Feb	299.27	0.00	A	13-Feb	296.30	0.00	A	12-Feb	298.41	-1.06		18-Feb	298.93	0.00	A	16-Feb	297.83	0.00	A	15-Feb	299.88	0.00	A	14-Feb	298.04	0.00	A	13-Feb	320.30	-0.20	
25-Feb	21-Feb	299.27	0.00	A	20-Feb	296.30	0.00	A	19-Feb	298.41	0.00	A	25-Feb	298.93	0.00	A	23-Feb	297.83	0.00	A	22-Feb	299.88	0.00	A	21-Feb	298.04	0.00	A	20-Feb	318.19	-2.11	
03-Mar	28-Feb	299.27	0.00	A	27-Feb	296.30	0.00	A	26-Feb	298.41	0.00	A	3-Mar	298.93	0.00	A	2-Mar	295.33	-2.50		1-Mar	298.95	-0.93		28-Feb	298.04	0.00	A	27-Feb	319.50	1.31	
10-Mar	7-Mar	299.27	0.00	A	6-Mar	297.06	0.76		5-Mar	296.43	-1.98		10-Mar	298.78	-0.15		9-Mar	295.33	0.00	A	8-Mar	298.95	0.00	A	7-Mar	301.14	3.10		5-Mar	321.01	1.51	
17-Mar	14-Mar	299.27	0.00	A	13-Mar	296.30	-0.76	A	12-Mar	296.43	0.00	A	17-Mar	298.78	0.00	A	16-Mar	295.33	0.00	A	15-Mar	298.95	0.00	A	14-Mar	301.14	0.00	A	12-Mar	320.65	-0.31	
24-Mar	21-Mar	299.27	0.00	A	20-Mar	296.30	0.00	A	19-Mar	296.43	0.00	A	24-Mar	298.78	0.00	A	23-Mar	295.33	0.00	A	22-Mar	298.95	0.00	A	21-Mar	301.14	0.00	A	19-Mar	321.51	0.86	
31-Mar	28-Mar	299.27	0.00	A	27-Mar	296.30	0.00	A	26-Mar	296.43	0.00	A	31-Mar	298.78	0.00	A	30-Mar	295.33	0.00	A	29-Mar	298.95	0.00	A	28-Mar	301.14	0.00	A	26-Mar	320.95	-0.56	
07-Apr	4-Apr	299.27	0.00	A	3-Apr	296.92	0.62		2-Apr	296.43	0.00	A	7-Apr	298.78	0.00	A	6-Apr	297.67	2.34		5-Apr	301.57	2.62		4-Apr	302.67	1.53		2-Apr	319.50	-1.45	
14-Apr	11-Apr	299.27	0.00	A	10-Apr	296.30	-0.62	A	9-Apr	296.88	0.45		14-Apr	296.10	-2.68		13-Apr	297.67	0.00	A	12-Apr	301.57	0.00	A	11-Apr	302.67	0.00	A	9-Apr	319.21	-0.29	
21-Apr	18-Apr	299.27	0.00	A	17-Apr	296.30	0.00	A	16-Apr	296.88	0.00	A	21-Apr	296.10	0.00	A	20-Apr	297.67	0.00	A	19-Apr	301.57	0.00	A	18-Apr	302.67	0.00	A	16-Apr	320.36	1.15	
28-Apr	25-Apr	299.27	0.00	A	24-Apr	296.30	0.00	A	23-Apr	296.88	0.00	A	28-Apr	296.10	0.00	A	27-Apr	297.67	0.00	A	26-Apr	301.57	0.00	A	25-Apr	302.67	0.00	A	23-Apr	322.89	2.53	
05-May	2-May	299.27	0.00	A	1-May	299.63	3.33		30-Apr	297.56	0.68		5-May	297.57	1.47		4-May	296.67	-1.00		3-May	301.57	0.00	A	2-May	299.35	-3.32		30-Apr	321.81	-1.08	
12-May	9-May	299.27	0.00	A	8-May	299.63	0.00	A	7-May	297.56	0.00	A	12-May	297.57	0.00	A	11-May	296.67	0.00	A	10-May	301.57	0.00	A	9-May	299.35	0.00	A	7-May	321.82	0.01	D
19-May	16-May	299.27	0.00	A	15-May	299.63	0.00	A	14-May	297.56	0.00	A	19-May	297.57	0.00	A	18-May	296.67	0.00	A	17-May	298.14	-3.43		16-May	299.35	0.00	A	14-May	322.47	0.65	D
26-May	23-May	299.27	0.00	A	22-May	299.63	0.00	A	21-May	297.56	0.00	A	26-May	297.57	0.00	A	25-May	296.67	0.00	A	24-May	298.14	0.00	A	23-May	299.35	0.00	A	21-May	319.15	-3.32	D
02-Jun	30-May	298.03	-1.24		29-May	299.63	0.00	A	28-May	297.56	0.00	A	2-Jun	297.57	0.00	A	1-Jun	296.73	0.06		31-May	298.14	0.00	A	30-May	299.35	0.00	A	28-May	316.45	-2.70	D
09-Jun	6-Jun	298.03	0.00	A	5-Jun	297.51	-2.12		4-Jun	297.56	0.00	A	9-Jun	298.57	1.00		8-Jun	296.73	0.00	A	7-Jun	298.14	0.00	A	6-Jun	297.29	-2.06		4-Jun	314.88	-1.57	
16-Jun	13-Jun	298.03	0.00	A	12-Jun	297.51	0.00	A	11-Jun	297.56	0.00	A	16-Jun	298.57	0.00	A	15-Jun	296.73	0.00	A	14-Jun	298.14	0.00	A	13-Jun	297.29	0.00	A	11-Jun	313.86	-1.02	
23-Jun	20-Jun	298.03	0.00	A	19-Jun	297.51	0.00	A	18-Jun	297.15	-0.41		23-Jun	298.57	0.00	A	22-Jun	296.73	0.00	A	21-Jun	298.14	0.00	A	20-Jun	297.29	0.00	A	18-Jun	319.11	5.25	
30-Jun	27-Jun	298.03	0.00	A	26-Jun	297.51	0.00	A	25-Jun	297.56	0.41	A	30-Jun	298.57	0.00	A	29-Jun	296.73	0.00	A	28-Jun	298.14	0.00	A	27-Jun	297.29	0.00	A	25-Jun	319.83	0.72	
07-Jul	4-Jul	298.03	0.00	A	3-Jul	297.51	0.00	A	2-Jul	297.56	0.00	A	7-Jul	298.82	0.25		6-Jul	295.05	-1.68		5-Jul	296.54	-1.60		4-Jul	297.29	0.00	A	2-Jul	318.91	-0.92	
14-Jul	11-Jul	298.03	0.00	A	10-Jul	297.51	0.00	A	9-Jul	297.56	0.00	A	14-Jul	298.82	0.00	A	13-Jul	295.05	0.00	A	12-Jul	296.54	0.00	A	11-Jul	300.14	2.85		9-Jul	315.15	-3.76	
21-Jul	18-Jul	298.03	0.00	A	17-Jul	297.51	0.00	A	16-Jul	298.38	0.82		21-Jul	298.82	0.00	A	20-Jul	295.05	0.00	A	19-Jul	296.54	0.00	A	18-Jul	300.14	0.00	A	16-Jul	319.57	4.42	
28-Jul	25-Jul	298.03	0.00	A	24-Jul	297.51	0.00	A	23-Jul	298.38	0.00	A	28-Jul	298.82	0.00	A	27-Jul	295.05	0.00	A	26-Jul	296.54	0.00	A	25-Jul	300.14	0.00	A	23-Jul	319.59	0.02	
04-Aug	1-Aug	298.03	0.00	A	31-Jul	297.51	0.00	A	30-Jul	298.38	0.00	A	4-Aug	295.86	-2.96		3-Aug	296.58	1.53		2-Aug	296.54	0.00	A	1-Aug	300.14	0.00	A	30-Jul	320.00	0.41	
11-Aug	8-Aug	298.03	0.00	A	7-Aug	298.74	1.23		6-Aug	297.71	-0.67		11-Aug	298.82	2.96	A	10-Aug	296.58	0.00	A	9-Aug	300.23	3.69		8-Aug	302.63	2.49		6-Aug	321.22	1.22	
18-Aug	15-Aug	298.03	0.00	A	14-Aug	298.74	0.00	A	13-Aug	297.71	0.00	A	18-Aug	298.82	0.00	A	17-Aug	296.58	0.00	A	16-Aug	300.23	0.00	A	15-Aug	302.63	0.00	A	13-Aug	319.44	-1.78	
25-Aug	22-Aug	289.67	-8.36	A	21-Aug	298.74	0.00	A	20-Aug	297.71	0.00	A	25-Aug	298.82	0.00	A	24-Aug	296.58	0.00	A	23-Aug	283.00	-17.23	AB	22-Aug	302.63	0.00	A	20-Aug	321.55	2.11	
01-Sep	29-Aug	289.67	0.00	A	28-Aug	298.74	0.00	A	27-Aug	297.71	0.00	A	1-Sep	298.82	0.00	A	31-Aug	296.58	0.00	A	30-Aug	283.00	0.00	AB	29-Aug	302.63	0.00	A	27-Aug	323.52	1.97	
08-Sep	5-Sep	289.67	0.00	A	4-Sep	298.74	0.00	A	3-Sep	297.71	0.00	A	8-Sep	299.12	0.30		7-Sep	296.58	0.00	A	6-Sep	300.13	17.13		5-Sep	302.63	0.00	A	3-Sep	31><		

CLEAR SPRINGS FOODS INC.
BOX CANYON OVERFLOW
WATER FLOWS IN C.F.S.

Period	2012	
Date	C.F.S	VAR.
2-Jan	24.31	0.18
9-Jan	23.44	-0.87
16-Jan	21.03	-2.41
23-Jan	21.23	0.20
30-Jan	20.45	-0.78
6-Feb	18.60	-1.85
13-Feb	18.60	0.00
20-Feb	17.71	-0.89
27-Feb	16.91	-0.80
5-Mar	14.83	-2.08
12-Mar	14.27	-0.56
19-Mar	14.83	0.56
26-Mar	14.45	-0.38
2-Apr	12.20	-2.25
9-Apr	11.31	-0.89
16-Apr	9.46	-1.85
23-Apr	10.07	0.61
30-Apr	7.78	-2.29
7-May	7.24	-0.54
14-May	5.43	-1.81
21-May	5.92	0.49
28-May	7.21	1.29
4-Jun	8.29	1.08
11-Jun	8.52	0.23
18-Jun	7.49	-1.03
25-Jun	6.76	-0.73
2-Jul	6.09	-0.67
9-Jul	5.31	-0.78
16-Jul	4.23	-1.08
23-Jul	4.66	0.43
30-Jul	5.75	1.09
6-Aug	5.68	-0.07
13-Aug	6.24	0.56
20-Aug	9.67	3.43
27-Aug	10.62	0.95
3-Sep	16.15	5.53
10-Sep	18.18	2.03
17-Sep	21.29	3.11
24-Sep	26.49	5.20
1-Oct	29.31	2.82
8-Oct	32.84	3.53
15-Oct	33.22	0.38
22-Oct	36.13	2.91
29-Oct	34.38	-1.75
5-Nov	34.06	-0.32
12-Nov	32.32	-1.74
19-Nov	29.91	-2.41
26-Nov	30.68	0.77
3-Dec	28.31	-2.37
10-Dec	29.38	1.07
17-Dec	27.09	-2.29
24-Dec	28.09	1.00
31-Dec	24.03	-4.06

is to previous reading

CLEAR SPRINGS FOODS INC.
BOX CANYON OVERFLOW
WATER FLOWS IN C.F.S.

Note: VAR is to previous reading
UPDATE DATE
01/11/13

Note: VAR is to previous reading
UPDATE DATE
01/11/13

Period Date	2005		Period Date	2006		Period Date	2007		Period Date	2008		Period Date	2009		Period Date	2010		Period Date	2011		Period Date	2012	
	C.F.S.	VAR.		C.F.S.	VAR.		C.F.S.	VAR.		C.F.S.	VAR.		C.F.S.	VAR.		C.F.S.	VAR.		C.F.S.	VAR.		C.F.S.	VAR.
3-Jan	21.00	-1.02	2-Jan	0.00	-22.43	1-Jan	31.03	-2.70	7-Jan	31.07	-1.92	5-Jan	27.68	-1.66	4-Jan	17.70	-4.04	3-Jan	18.72	-4.81	2-Jan	24.31	0.18
10-Jan	20.62	-0.38	9-Jan	22.79	0.36	8-Jan	29.37	-1.66	14-Jan	28.93	-2.14	12-Jan	26.55	-1.13	11-Jan	18.65	0.95	10-Jan	20.08	1.36	9-Jan	23.44	-0.87
17-Jan	18.21	-2.41	16-Jan	21.66	-1.13	15-Jan	26.34	-3.03	21-Jan	25.71	-3.22	19-Jan	21.12	-5.43	18-Jan	18.32	-0.33	17-Jan	17.75	-2.33	16-Jan	21.03	-2.41
24-Jan	17.85	-0.36	23-Jan	20.97	-0.69	22-Jan	25.61	-0.73	28-Jan	24.56	-1.15	26-Jan	0.00	-21.12	25-Jan	15.77	-2.55	24-Jan	16.57	-1.18	23-Jan	21.23	0.20
31-Jan	17.51	-0.34	30-Jan	19.31	-1.66	29-Jan	25.61	0.00	4-Feb	26.01	1.45	2-Feb	21.86	0.74	1-Feb	13.97	-1.80	31-Jan	15.06	-1.51	30-Jan	20.45	-0.70
7-Feb	16.28	-1.23	6-Feb	19.87	0.56	5-Feb	23.96	-1.65	11-Feb	24.27	-1.74	9-Feb	21.84	-0.02	8-Feb	17.58	3.61	7-Feb	13.50	-1.56	6-Feb	18.60	-1.85
14-Feb	15.70	-0.58	13-Feb	18.64	-1.23	12-Feb	22.83	-1.13	18-Feb	24.89	0.62	16-Feb	19.91	-1.93	15-Feb	15.40	-2.18	14-Feb	13.32	-0.18	13-Feb	18.60	0.00
21-Feb	13.84	-1.86	20-Feb	18.40	-0.24	19-Feb	21.73	-1.10	25-Feb	23.25	-1.64	23-Feb	19.46	-0.45	22-Feb	15.30	-0.10	21-Feb	11.85	-1.47	20-Feb	17.71	-0.69
28-Feb	13.17	-0.67	27-Feb	15.01	-3.39	26-Feb	21.52	-0.21	3-Mar	22.25	-1.00	2-Mar	17.34	-2.12	1-Mar	12.67	-2.63	28-Feb	11.80	-0.25	27-Feb	16.91	-0.80
7-Mar	12.77	-0.40	6-Mar	17.59	2.58	5-Mar	20.51	-1.01	10-Mar	19.79	-2.46	9-Mar	17.74	0.40	8-Mar	14.87	2.20	7-Mar	10.07	-1.53	5-Mar	14.83	-2.08
14-Mar	13.74	0.97	13-Mar	17.60	0.01	12-Mar	20.33	-0.18	17-Mar	19.79	0.00	16-Mar	14.01	-3.73	15-Mar	8.09	-6.78	14-Mar	9.77	-0.30	12-Mar	14.27	-0.56
21-Mar	12.19	-1.55	20-Mar	17.28	-0.32	19-Mar	19.90	-0.43	24-Mar	18.36	-1.43	23-Mar	0.00	-14.01	22-Mar	9.70	1.61	21-Mar	8.55	-1.22	19-Mar	14.83	0.56
28-Mar	11.26	-0.93	27-Mar	14.99	-2.29	26-Mar	18.97	-0.93	31-Mar	18.72	0.36	30-Mar	12.29	-1.72	29-Mar	11.04	1.34	28-Mar	7.67	-0.88	26-Mar	14.45	-0.38
4-Apr	11.70	0.44	3-Apr	13.09	-1.90	2-Apr	18.10	-0.87	7-Apr	17.64	-1.08	6-Apr	12.82	0.63	5-Apr	9.15	-1.89	4-Apr	7.80	0.13	2-Apr	12.20	-2.25
11-Apr	10.37	-1.33	10-Apr	14.85	1.76	9-Apr	18.58	-1.52	14-Apr	0.00	-17.64	13-Apr	10.63	-2.19	12-Apr	8.37	-0.78	11-Apr	6.99	-0.81	9-Apr	11.31	-0.89
18-Apr	9.52	-0.85	17-Apr	15.86	1.01	16-Apr	16.12	-0.46	21-Apr	16.22	-1.42	20-Apr	10.77	0.14	19-Apr	7.52	-0.85	18-Apr	7.31	0.32	16-Apr	9.46	-1.85
25-Apr	9.02	-0.50	24-Apr	13.67	-2.19	23-Apr	14.04	-2.08	28-Apr	13.99	-2.23	27-Apr	8.29	-2.48	26-Apr	5.82	-1.70	25-Apr	7.27	-0.04	23-Apr	10.07	0.61
2-May	9.40	0.38	1-May	14.86	1.19	30-Apr	14.34	0.30	5-May	12.97	-1.02	4-May	6.56	-1.73	3-May	6.56	0.74	2-May	6.41	-0.86	30-Apr	7.78	-2.29
9-May	10.06	0.66	8-May	0.00	-14.86	7-May	14.83	0.49	12-May	10.69	-2.28	11-May	7.06	0.50	10-May	4.59	-1.97	9-May	6.22	-0.19	7-May	7.24	-0.54
16-May	10.74	0.68	15-May	11.11	-3.75	14-May	13.38	-1.45	19-May	6.08	-4.61	18-May	3.89	-3.17	17-May	2.65	-1.94	16-May	6.94	0.72	14-May	5.43	-1.81
23-May	11.86	1.12	22-May	10.79	-0.32	21-May	12.10	-1.28	26-May	5.39	-0.69	25-May	2.43	-1.46	24-May	4.38	1.73	23-May	6.75	-0.19	21-May	5.92	0.49
30-May	10.42	-1.44	28-May	9.22	-1.57	28-May	11.83	-0.27	2-Jun	8.87	3.48	1-Jun	0.67	-1.78	31-May	5.59	1.21	30-May	6.94	0.19	28-May	7.21	1.29
6-Jun	11.64	1.22	5-Jun	12.21	2.99	4-Jun	11.94	0.11	9-Jun	12.89	4.02	8-Jun	6.07	5.40	7-Jun	8.26	2.67	6-Jun	8.36	1.42	4-Jun	8.29	1.08
13-Jun	9.04	-2.60	12-Jun	14.35	2.14	11-Jun	18.38	4.44	16-Jun	11.88	-1.01	15-Jun	NR	-6.07	14-Jun	7.36	-0.90	13-Jun	6.78	-1.58	11-Jun	8.52	0.23
20-Jun	8.13	-0.91	19-Jun	14.31	-0.04	18-Jun	16.09	-0.29	23-Jun	8.54	-3.34	22-Jun	11.46	5.39	21-Jun	3.47	-3.89	20-Jun	6.09	-0.89	18-Jun	7.49	-1.03
27-Jun	6.15	-1.98	26-Jun	13.11	-1.20	25-Jun	15.05	-1.04	30-Jun	5.86	-2.68	29-Jun	11.24	-0.22	28-Jun	4.00	0.53	27-Jun	3.05	-3.04	25-Jun	6.76	-0.73
4-Jul	7.46	1.31	3-Jul	11.56	-1.55	2-Jul	14.12	-0.93	7-Jul	6.10	0.24	6-Jul	8.55	-2.69	5-Jul	2.22	-1.78	4-Jul	2.25	-0.80	2-Jul	6.09	-0.67
11-Jul	7.88	0.42	10-Jul	12.36	0.80	9-Jul	17.52	3.40	14-Jul	6.33	0.23	13-Jul	7.17	-1.38	12-Jul	1.78	-0.44	11-Jul	1.19	-1.06	9-Jul	5.31	-0.78
18-Jul	5.34	-2.54	17-Jul	13.11	0.75	16-Jul	16.95	-0.57	21-Jul	4.38	-1.95	20-Jul	6.48	-0.69	19-Jul	1.61	-0.17	18-Jul	0.94	-0.25	16-Jul	4.23	-1.08
25-Jul	5.62	0.28	24-Jul	13.93	0.82	23-Jul	17.65	0.70	28-Jul	6.74	2.36	27-Jul	7.18	0.70	26-Jul	1.00	-0.61	25-Jul	1.38	0.44	23-Jul	4.66	0.43
1-Aug	7.64	2.02	31-Jul	15.43	1.50	30-Jul	18.39	0.74	4-Aug	8.91	2.17	3-Aug	7.19	0.01	2-Aug	2.35	1.35	1-Aug	1.14	-0.24	30-Jul	5.75	1.09
8-Aug	9.22	1.58	7-Aug	16.89	1.46	6-Aug	21.93	3.54	11-Aug	13.27	4.36	10-Aug	12.02	4.83	9-Aug	3.17	0.82	8-Aug	2.98	1.84	6-Aug	5.68	-0.07
15-Aug	11.06	1.84	14-Aug	18.85	1.96	13-Aug	24.36	2.43	18-Aug	13.86	0.59	17-Aug	9.82	-2.20	16-Aug	4.75	1.58	15-Aug	3.53	0.55	13-Aug	6.24	0.56
22-Aug	12.19	1.13	21-Aug	20.19	1.34	20-Aug	28.49	2.13	25-Aug	15.53	1.67	24-Aug	9.43	-0.39	23-Aug	20.82	16.07	22-Aug	5.18	1.65	20-Aug	9.67	3.43
29-Aug	14.30	2.11	28-Aug	23.82	3.63	27-Aug	27.82	1.33	1-Sep	21.11	5.58	31-Aug	12.81	3.48	30-Aug	8.71	-12.11	29-Aug	6.58	1.40	27-Aug	10.82	0.95
5-Sep	20.08	5.78	4-Sep	27.23	3.41	3-Sep	29.81	1.99	8-Sep	18.26	-2.85	7-Sep	20.44	7.53	6-Sep	10.55	1.84	5-Sep	10.23	3.65	3-Sep	16.15	5.53
12-Sep	22.12	2.04	11-Sep	30.98	3.75	10-Sep	35.38	5.57	15-Sep	25.21	6.85	14-Sep	20.99	0.55	13-Sep	13.24	2.89	12-Sep	10.58	0.35	10-Sep	18.18	2.03
19-Sep	24.70	2.58	18-Sep	35.18	4.20	17-Sep	42.80	7.42	22-Sep	28.21	3.00	21-Sep	26.32	5.33	20-Sep	18.80	5.58	19-Sep	16.11	5.53	17-Sep	21.29	3.11
26-Sep	30.98	6.28	25-Sep	0.00	-35.18	24-Sep	44.86	2.06	29-Sep	32.59	4.38	28-Sep	27.30	0.98	27-Sep	23.35	4.55	26-Sep	20.08	3.97	24-Sep	26.49	5.20
3-Oct	37.99	7.01	2-Oct	40.86	5.88	1-Oct	47.24	2.38	6-Oct	37.59	5.00	5-Oct	41.07	13.77	4-Oct	23.39	0.04	3-Oct	24.89	4.81	1-Oct	29.31	2.82
10-Oct	39.28	1.29	9-Oct	45.33	4.47	8-Oct	0.00	-47.24	13-Oct	43.82	6.23	12-Oct	52.73	11.66	11-Oct	31.18	7.79	10-Oct	30.34	5.45	8-Oct	32.84	3.53
17-Oct	38.62	-0.86	16-Oct	44.48	-0.85	15-Oct	50.92	3.68	20-Oct	43.04	-0.78	19-Oct	55.22	2.49	18-Oct	31.54	0.36	17-Oct	31.99	1.65	15-Oct	33.22	0.38
24-Oct	39.99	1.37	23-Oct	47.54	3.06	22-Oct	50.89	-0.03	27-Oct	42.89	-0.15	26-Oct	54.92	-0.30	25-Oct	34.60	3.06	24-Oct	33.87	1.88	22-Oct	36.13	2.81
31-Oct	38.35	-1.64	30-Oct	47.54	0.00	29-Oct	50.13	-0.76	3-Nov	42.06	-0.83	2-Nov	53.83	-1.09	1-Nov	33.30	-1.30	31-Oct	36.59	2.72	29-Oct	34.38	-1.75
7-Nov	37.96	-0.39	6-Nov	43.63	-3.91	5-Nov	48.19	-1.94	10-Nov	41.18	-0.88	9-Nov	30.33	-23.50	8-Nov	36.31	3.01	7-Nov	38.99	0.40	5-Nov	34.06	-0.32
14-Nov	32.40	-5.56	13-Nov	42.43	-1.20	12-Nov	46.19	-2.00	17-Nov	37.36	-3.82	16-Nov	31.88	1.35	15-Nov	32.30	-4.01	14-Nov	36.18	-0.81	12-Nov	32.32	-1.74
21-Nov	30.70	-1.70	20-Nov	38.51	-3.92	19-Nov	47.96	1.77	24-Nov	0.00	-37.36	23-Nov	26.56	-5.12	22-Nov	32.48	0.18	21-Nov	34.59	-1.59	19-Nov	29.91	-2.41
28-Nov	27.78	-2.92	27-Nov	37.79	-0.72	26-Nov	41.83	-6.13	1-Dec	32.82	-4.74	30-Nov	27.93	1.37	29-Nov	27.84	-4.64	28-Nov	32.69	-1.90	26-Nov	30.68	0.77
5-Dec	27.71	-0.07	4-Dec	35.24	-2.55	3-Dec	38.98	-2.85	8-Dec	32.59	-0.03	7-Dec	27.24	-0.89	6-Dec	23.14	-4.70	5-Dec	27.38	-5.31	3-Dec	28.31	-2.37
12-Dec	28.14	-1.57	11-Dec	33.56	-1.68	10-Dec	37.19	-1.79	15-Dec	30.78	-1.79	14-Dec	25.45	-1.79	13-Dec	28.19	3.05	12-Dec	28.33	0.95	10-Dec	29.38	1.07
19-Dec	22.62	-3.52	18-Dec	33.73	0.17	17-Dec	35.56	-1.63	22-Dec	29.34	-1.44	21-Dec	22.10	-3.35	20-Dec	25.10	-1.09	19-Dec	27.66	-0.67	17-Dec	27.09	-2.29
26-Dec	22.43	-0.19	25-Dec	0.00	-33.73	24-Dec	32.99	-2.57	29-Dec	0.00	-29.34	28-Dec	21.74	-0.36	27-Dec	23.53	-1.57	26-Dec	24.13	-3.53	24-Dec	28.09	1.00
						31-Dec	32.99	0.00													31-Dec	24.03	-4.06

January 9,2012

Cindy Yenter

State of Idaho – Department of Water Resources

Suite 200

Twin Falls, Idaho 83301-3380

Dear Cindy,

During September of 2011 the Clear Springs Foods, Box Canyon Farm, made a change in water flow measurement devices. The Box Canyon Farm had been measuring farm water flow with a VorTek Volumetric Vortex Flow Meter model M23-V insertion meter since May 3, 2006. In September of 2011 we upgraded our measuring device to a GE Panametrics AT868 Aquatrans Ultrasonic Flowmeter. The measurements from the Panametrics AT868 began on September 12, 2011. There are five pipes that deliver water to the farm all of which have dedicated flow meters. The flow meter site and installation was approved by Cindy Yenter and Corbin Knowles from the State of Idaho – Department of Water Resources.

Sincerely,

Tom Scott

Box Canyon Farm Manager

January 5, 2012

Cindy Yenter
State of Idaho – Department of Water Resources
1341 Fillmore Street
Suite 200
Twin Falls Idaho. 83301-3380

Dear Cindy:

In March 1995, Tim Luke toured our facility with Max Woolley (Hatchery Manager at that time), when he was shown the hydroelectric plant and it was explained how the kilowatt output readings were an excellent double check to our monthly water flow meter readings. Although the amount of power produced is reduced by debris in our influent waters, kilowatt output is essentially a direct result of water flow. As in previous years, I have included the records of the average kilowatts produced for the year in addition to the water flows in cfs.

Month of 2011	Average Net Kilowatts	Percent Difference From Yearly Average
January	413.08	1.26%
February	413.99	1.49%
March	413.61	1.39%
April	409.48	.38%
May	407.02	-.2%
June	403.75	-1.01%
July	399.86	-1.97%
August	403.96	-.96%
September	407.92	0%
October	401.35	-1.6%
November	413.33	1.32%
December	407.68	0%
Average	407.91	.96%

Sincerely,
Tom Scott – Farm Manager

Data
only

STATE OF IDAHO
WATER DISTRICT 130
WATER MEASUREMENT ANNUAL REPORT

RECEIVED

JAN 17 2012

DEPT. OF WATER RESOURCES
SOUTHERN REGION

REPORTING YEAR 2011

OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE

ATTENTION: Year end data must be submitted to Water District 130, 1341 Fillmore St Ste 200, Twin Falls ID, 83301, on or before **January 15, 2012.**

Reporter ID/Name:	_____	JOHN R MACMILLAN	_____
Water Source:	_____	CLEAR SPRINGS FOODS	_____
Legal Description:	T _____	08S 14E S28 NESWNE	_____
Site Tag No:	_____	BOX CANYON FARM	1/4 _____ 1/4
Diversion Name:	_____	A0001565 410032	9 _____

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right Owner

Please check for address correction ☐

Name _____
Last, First, MI
Address _____
City unchanged
State & Zip _____

Phone _____
Fax _____
Mobile _____
e-mail _____

Operator or Contact Person (if different from owner)

Name _____
Last, First, MI
Address _____
City _____
State & Zip _____

Phone _____
Fax _____
Mobile _____
e-mail _____

SECTION II Water Use Information

Crop

Acres

Non-Irrigation Use(s)

Total acres

Number of idled acres _____

SECTION III Water Measurement Log (*measurements must be recorded at least once per week and in units of cubic feet per second.*) **PLEASE SHOW TURN ON/TURN OFF DATES**

DAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1						
2	See attached					
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
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16						
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CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

298.3

DATE	Period Date	<----- 2011 ----- C.F.S	VAR.
07-Jan	3-Jan	300.17	1.89
14-Jan	10-Jan	300.17	0.00
21-Jan	17-Jan	300.17	0.00
28-Jan	24-Jan	300.17	0.00
04-Feb	31-Jan	300.17	0.00
11-Feb	7-Feb	298.04	-2.13
18-Feb	14-Feb	298.04	0.00
25-Feb	21-Feb	298.04	0.00
03-Mar	28-Feb	298.04	0.00
10-Mar	7-Mar	301.14	3.10
17-Mar	14-Mar	301.14	0.00
24-Mar	21-Mar	301.14	0.00
31-Mar	28-Mar	301.14	0.00
07-Apr	4-Apr	302.67	1.53
14-Apr	11-Apr	302.67	0.00
21-Apr	18-Apr	302.67	0.00
28-Apr	25-Apr	302.67	0.00
05-May	2-May	299.35	-3.32
12-May	9-May	299.35	0.00
19-May	16-May	299.35	0.00
26-May	23-May	299.35	0.00
02-Jun	30-May	299.35	0.00
09-Jun	6-Jun	297.29	-2.06
16-Jun	13-Jun	297.29	0.00
23-Jun	20-Jun	297.29	0.00
30-Jun	27-Jun	297.29	0.00
07-Jul	4-Jul	297.29	0.00
14-Jul	11-Jul	300.14	2.85
21-Jul	18-Jul	300.14	0.00
28-Jul	25-Jul	300.14	0.00
04-Aug	1-Aug	300.14	0.00
11-Aug	8-Aug	302.63	2.49
18-Aug	15-Aug	302.63	0.00
25-Aug	22-Aug	302.63	0.00
01-Sep	29-Aug	302.63	0.00
08-Sep	5-Sep	302.63	0.00
15-Sep	12-Sep	319.84	17.21
22-Sep	19-Sep	319.84	0.00
29-Sep	26-Sep	319.84	0.00
06-Oct	3-Oct	319.84	0.00
13-Oct	10-Oct	317.99	-1.85
20-Oct	17-Oct	316.10	-1.89
27-Oct	24-Oct	314.99	-1.11
03-Nov	31-Oct	315.84	0.85
10-Nov	7-Nov	316.33	0.49
17-Nov	14-Nov	317.21	0.88
24-Nov	21-Nov	318.41	1.20
01-Dec	28-Nov	317.20	-1.21
08-Dec	5-Dec	318.68	1.48
15-Dec	12-Dec	320.46	1.78
22-Dec	19-Dec	320.73	0.27
29-Dec	26-Dec	317.96	-2.77

SECTION III Water Measurement Log (Continued). *(measurements must be recorded at least once per week and in units of cubic feet per second.)* **PLEASE SHOW TURN ON/TURN OFF DATES**

DAY	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
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24						
25						
26						
27						
28						
29						
30						
31			—		—	

SECTION IV Measuring Device Information

A. Type & Description of Measuring Device(s): GE Panametrics AT868

Aquatrans Flowmeters - ultrasonic meters
beginning 9/12/11

B. Attach copies of all measuring device rating tables to this report (omit if previously supplied).

SECTION V Modifications made to water system

Please describe in the space below any major modification made to the diversion works or measuring device during the reporting year.

none

SECTION VI Certification

I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

John R. MacMill VICE PRESIDENT
Signature Title

1-12-12
Date

For Department Use Only

Reviewed by _____
Data entry by cha

Date _____
Date 4/10/12

is to previous reading

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

Note: VAR. Is to previous reading
UPDATE DATE
12/28/11

DATE	Period Date	2005 C.F.S	2005 VAR.	2005 A	Period Date	2006 C.F.S	2006 VAR.	2006 A	Period Date	2007 C.F.S	2007 VAR.	2007 A	Period Date	2008 C.F.S	2008 VAR.	2008 A	Period Date	2009 C.F.S	2009 VAR.	2009 A	Period Date	2010 C.F.S	2010 VAR.	2010 A	Period Date	2011 C.F.S	2011 VAR.	2011 A
07-Jan	3-Jan	299.27	0.00	A	2-Jan	297.04	-1.55	A	1-Jan	296.87	0.00	A	7-Jan	298.80	-0.92	A	5-Jan	297.65	2.45	A	4-Jan	299.33	-0.40	A	3-Jan	300.17	1.89	
14-Jan	10-Jan	299.27	0.00	A	9-Jan	297.04	0.00	A	8-Jan	296.87	0.00	A	14-Jan	298.80	0.00	A	12-Jan	297.65	0.00	A	11-Jan	299.33	0.00	A	10-Jan	300.17	0.00	A
21-Jan	17-Jan	299.27	0.00	A	16-Jan	297.04	0.00	A	15-Jan	299.47	2.60	A	21-Jan	298.80	0.00	A	19-Jan	297.65	0.00	A	18-Jan	299.33	0.00	A	17-Jan	300.17	0.00	A
28-Jan	24-Jan	299.27	0.00	A	23-Jan	297.04	0.00	A	22-Jan	299.47	0.00	A	28-Jan	298.80	0.00	A	26-Jan	297.65	0.00	A	25-Jan	299.33	0.00	A	24-Jan	300.17	0.00	A
04-Feb	31-Jan	299.27	0.00	A	30-Jan	296.30	-0.74	A	29-Jan	299.47	0.00	A	4-Feb	298.93	0.13	A	2-Feb	297.65	0.00	A	1-Feb	299.88	0.55	A	31-Jan	300.17	0.00	A
11-Feb	7-Feb	299.27	0.00	A	6-Feb	296.30	0.00	A	5-Feb	299.47	0.00	A	11-Feb	298.93	0.00	A	9-Feb	297.83	0.18	A	8-Feb	299.88	0.00	A	7-Feb	298.04	-2.13	
18-Feb	14-Feb	299.27	0.00	A	13-Feb	296.30	0.00	A	12-Feb	298.41	-1.06	A	18-Feb	298.93	0.00	A	16-Feb	297.83	0.00	A	15-Feb	299.88	0.00	A	14-Feb	298.04	0.00	A
25-Feb	21-Feb	299.27	0.00	A	20-Feb	296.30	0.00	A	19-Feb	298.41	0.00	A	25-Feb	298.93	0.00	A	23-Feb	297.83	0.00	A	22-Feb	299.88	0.00	A	21-Feb	298.04	0.00	A
03-Mar	28-Feb	299.27	0.00	A	27-Feb	296.30	0.00	A	26-Feb	298.41	0.00	A	3-Mar	298.93	0.00	A	2-Mar	295.33	-2.50	A	1-Mar	298.95	-0.93	A	28-Feb	298.04	0.00	A
10-Mar	7-Mar	299.27	0.00	A	6-Mar	297.06	0.76	A	5-Mar	298.43	-1.98	A	10-Mar	298.78	-0.15	A	8-Mar	295.33	0.00	A	7-Mar	298.95	0.00	A	7-Mar	301.14	3.10	
17-Mar	14-Mar	299.27	0.00	A	13-Mar	296.30	-0.76	A	12-Mar	298.43	0.00	A	17-Mar	298.78	0.00	A	16-Mar	295.33	0.00	A	15-Mar	298.95	0.00	A	14-Mar	301.14	0.00	A
24-Mar	21-Mar	299.27	0.00	A	20-Mar	296.30	0.00	A	19-Mar	298.43	0.00	A	24-Mar	298.78	0.00	A	23-Mar	295.33	0.00	A	22-Mar	298.95	0.00	A	21-Mar	301.14	0.00	A
31-Mar	28-Mar	299.27	0.00	A	27-Mar	296.30	0.00	A	26-Mar	298.43	0.00	A	31-Mar	298.78	0.00	A	30-Mar	295.33	0.00	A	29-Mar	298.95	0.00	A	28-Mar	301.14	0.00	A
07-Apr	4-Apr	299.27	0.00	A	3-Apr	296.92	0.62	A	2-Apr	298.43	0.00	A	7-Apr	298.78	0.00	A	6-Apr	297.87	2.34	A	5-Apr	301.57	2.62	A	4-Apr	302.67	1.53	
14-Apr	11-Apr	299.27	0.00	A	10-Apr	296.30	-0.62	A	9-Apr	298.88	0.45	A	14-Apr	298.10	-2.88	A	13-Apr	297.67	0.00	A	12-Apr	301.57	0.00	A	11-Apr	302.67	0.00	A
21-Apr	18-Apr	299.27	0.00	A	17-Apr	296.30	0.00	A	16-Apr	298.88	0.00	A	21-Apr	298.10	0.00	A	20-Apr	297.67	0.00	A	19-Apr	301.57	0.00	A	18-Apr	302.67	0.00	A
28-Apr	25-Apr	299.27	0.00	A	24-Apr	296.30	0.00	A	23-Apr	298.88	0.00	A	28-Apr	298.10	0.00	A	27-Apr	297.67	0.00	A	26-Apr	301.57	0.00	A	25-Apr	302.67	0.00	A
05-May	2-May	299.27	0.00	A	1-May	299.63	3.33	A	30-Apr	297.56	0.68	A	5-May	297.57	1.47	A	4-May	296.67	-1.00	A	3-May	301.57	0.00	A	2-May	299.35	-3.32	
12-May	9-May	299.27	0.00	A	8-May	299.63	0.00	A	7-May	297.56	0.00	A	12-May	297.57	0.00	A	11-May	296.67	0.00	A	10-May	301.57	0.00	A	9-May	299.35	0.00	A
19-May	16-May	299.27	0.00	A	15-May	299.63	0.00	A	14-May	297.56	0.00	A	19-May	297.57	0.00	A	18-May	296.67	0.00	A	17-May	298.14	-3.43	A	16-May	299.35	0.00	A
26-May	23-May	299.27	0.00	A	22-May	299.63	0.00	A	21-May	297.56	0.00	A	26-May	297.57	0.00	A	25-May	296.67	0.00	A	24-May	298.14	0.00	A	23-May	299.35	0.00	A
02-Jun	30-May	298.03	-1.24	A	29-May	299.63	0.00	A	28-May	297.56	0.00	A	2-Jun	297.57	0.00	A	1-Jun	296.73	0.06	A	31-May	298.14	0.00	A	30-May	299.35	0.00	A
09-Jun	6-Jun	298.03	0.00	A	5-Jun	297.51	-2.12	A	4-Jun	297.56	0.00	A	9-Jun	298.57	1.00	A	8-Jun	296.73	0.00	A	7-Jun	298.14	0.00	A	6-Jun	297.29	-2.06	
16-Jun	13-Jun	298.03	0.00	A	12-Jun	297.51	0.00	A	11-Jun	297.56	0.00	A	16-Jun	298.57	0.00	A	15-Jun	296.73	0.00	A	14-Jun	298.14	0.00	A	13-Jun	297.29	0.00	A
23-Jun	20-Jun	298.03	0.00	A	19-Jun	297.51	0.00	A	18-Jun	297.15	-0.41	A	23-Jun	298.57	0.00	A	22-Jun	296.73	0.00	A	21-Jun	298.14	0.00	A	20-Jun	297.29	0.00	A
30-Jun	27-Jun	298.03	0.00	A	26-Jun	297.51	0.00	A	25-Jun	297.56	0.41	A	30-Jun	298.57	0.00	A	29-Jun	296.73	0.00	A	28-Jun	298.14	0.00	A	27-Jun	297.29	0.00	A
07-Jul	4-Jul	298.03	0.00	A	3-Jul	297.51	0.00	A	2-Jul	297.56	0.00	A	7-Jul	298.82	0.25	A	6-Jul	295.05	-1.88	A	5-Jul	296.54	-1.60	A	4-Jul	297.29	0.00	A
14-Jul	11-Jul	298.03	0.00	A	10-Jul	297.51	0.00	A	9-Jul	297.56	0.00	A	14-Jul	298.82	0.00	A	13-Jul	295.05	0.00	A	12-Jul	296.54	0.00	A	11-Jul	300.14	2.85	
21-Jul	18-Jul	298.03	0.00	A	17-Jul	297.51	0.00	A	16-Jul	298.38	0.82	A	21-Jul	298.82	0.00	A	20-Jul	295.05	0.00	A	19-Jul	296.54	0.00	A	18-Jul	300.14	0.00	A
28-Jul	25-Jul	298.03	0.00	A	24-Jul	297.51	0.00	A	23-Jul	298.38	0.00	A	28-Jul	298.82	0.00	A	27-Jul	295.05	0.00	A	26-Jul	296.54	0.00	A	25-Jul	300.14	0.00	A
04-Aug	1-Aug	298.03	0.00	A	31-Jul	297.51	0.00	A	30-Jul	298.38	0.00	A	4-Aug	295.86	-2.96	A	3-Aug	296.58	1.53	A	2-Aug	296.54	0.00	A	1-Aug	300.14	0.00	A
11-Aug	8-Aug	298.03	0.00	A	7-Aug	298.74	1.23	A	6-Aug	297.71	-0.67	A	11-Aug	298.82	2.96	A	10-Aug	296.58	0.00	A	9-Aug	300.23	3.69	A	8-Aug	302.63	2.49	
18-Aug	15-Aug	298.03	0.00	A	14-Aug	298.74	0.00	A	13-Aug	297.71	0.00	A	18-Aug	298.82	0.00	A	17-Aug	296.58	0.00	A	16-Aug	300.23	0.00	A	15-Aug	302.63	0.00	A
25-Aug	22-Aug	289.67	-8.36	A	21-Aug	298.74	0.00	A	20-Aug	297.71	0.00	A	25-Aug	298.82	0.00	A	24-Aug	296.58	0.00	A	23-Aug	283.00	-17.23	AB	22-Aug	302.63	0.00	A
01-Sep	29-Aug	289.67	0.00	A	28-Aug	298.74	0.00	A	27-Aug	297.71	0.00	A	1-Sep	298.82	0.00	A	31-Aug	296.58	0.00	A	30-Aug	283.00	0.00	AB	29-Aug	302.63	0.00	A
08-Sep	5-Sep	289.67	0.00	A	4-Sep	298.74	0.00	A	3-Sep	297.71	0.00	A	8-Sep	299.12	0.30	A	7-Sep	296.58	0.00	A	6-Sep	300.13	17.13	A	5-Sep	302.63	0.00	A
15-Sep	12-Sep	289.67	0.00	A	11-Sep	297.45	-1.29	A	10-Sep	297.47	-0.24	A	15-Sep	299.12	0.00	A	14-Sep	297.32	0.74	A	13-Sep	300.13	0.00	A	12-Sep	319.84	17.21	C
22-Sep	19-Sep	289.67	0.00	A	18-Sep	297.45	0.00	A	17-Sep	297.47	0.00	A	22-Sep	299.12	0.00	A	21-Sep	297.32	0.00	A	20-Sep	300.13	0.00	A	19-Sep	319.84	0.00	A
29-Sep	26-Sep	289.67	0.00	A	25-Sep	297.45	0.00	A	24-Sep	297.47	0.00	A	29-Sep	299.12	0.00	A	28-Sep	297.32	0.00	A	27-Sep	300.13	0.00	A	26-Sep	319.84	0.00	A
06-Oct	3-Oct	295.28	5.61	A	2-Oct	297.45	0.00	A	1-Oct	297.47	0.00	A	6-Oct	297.87	-1.25	A	5-Oct	285.85	-11.47	B	4-Oct	296.41	-3.72	A	3-Oct	319.84	0.00	A
13-Oct	10-Oct	295.28	0.00	A	9-Oct	299.26	1.81	A	8-Oct	297.30	-0.17	A	13-Oct	297.87	0.00	A	12-Oct	285.85	0.00	B	11-Oct	296.41	0.00	A	10-Oct	317.99	-1.85	
20-Oct	17-Oct	295.28	0.00	A	16-Oct	299.26	0.00	A	15-Oct	297.30	0.00	A	20-Oct	297.87	0.00	A	19-Oct	285.85	0.00	B	18-Oct	296.41	0.00	A	17-Oct	316.10	-1.89	
27-Oct	24-Oct	295.28	0.00	A	23-Oct	299.26	0.00	A	22-Oct	297.30	0.00	A	27-Oct	297.87	0.00	A	26-Oct	285.85	0.00	B	25-Oct	296.41	0.00	A	24-Oct	314.99	-1.11	
03-Nov	31-Oct	295.28	0.00	A	30-Oct	299.26	0.00	A	29-Oct	297.30	0.00	A	3-Nov	297.48	-0.39	A	2-Nov	285.85	0.00	B	1-Nov	296.41	0.00	A	31-Oct	315.84	0.85	
10-Nov	7-Nov	298.59	3.31	A	6-Nov	298.93	-0.33	A	5-Nov	297.30	0.00	A	10-Nov	297.48	0.00	A	9-Nov	298.63	12.78	A	8-Nov	296.41	0.00	A	7-Nov	316.33	0.49	
17-Nov	14-Nov	298.59	0.00	A	13-Nov	298.93	0.00	A	12-Nov	297.30	0.00	A	17-Nov	297.48	0.00	A	16-Nov	298.63	0.00	A	15-Nov	296.41	0.00	A	14-Nov	317.21	0.88	
24-Nov	21-Nov	298.59	0.00	A	20-Nov	298.93	0.00	A	19-Nov	298.25	0.95	A	24-Nov	297.48	0.00	A	23-Nov	298.63	0.00	A	22-Nov	296.41	0.00	A	21-Nov	318.41	1.20	
01-Dec	28-Nov	296.92	-1.67	A	27-Nov	298.93	0.00	A	26-Nov	298.25	0.00	A	1-Dec	295.20	-2.28	A	30-Nov	299.73	1.10	A	29-Nov	296.41	0.00	A	28-Nov	317.20	-1.21	
08-Dec	5-Dec	298.59	1.67	A	4-Dec	298.87	-2.06	A	3-Dec	299.72	1.47	A	8-Dec	295.20	0.00	A	7-Dec	299.73	0.00	A	6-Dec	296.41	0.00</					

CLEAR SPRINGS FOODS INC.
BOX CANYON OVERFLOW
WATER FLOWS IN C.F.S.

Period	<----- 2011 ----->	
Date	C.F.S	VAR. *
3-Jan	18.72	-4.81
10-Jan	20.08	1.36
17-Jan	17.75	-2.33
24-Jan	16.57	-1.18
31-Jan	15.06	-1.51
7-Feb	13.50	-1.56
14-Feb	13.32	-0.18
21-Feb	11.85	-1.47
28-Feb	11.60	-0.25
7-Mar	10.07	-1.53
14-Mar	9.77	-0.30
21-Mar	8.55	-1.22
28-Mar	7.67	-0.88
4-Apr	7.80	0.13
11-Apr	6.99	-0.81
18-Apr	7.31	0.32
25-Apr	7.27	-0.04
2-May	6.41	-0.86
9-May	6.22	-0.19
16-May	6.94	0.72
23-May	6.75	-0.19
30-May	6.94	0.19
6-Jun	8.36	1.42
13-Jun	6.78	-1.58
20-Jun	6.09	-0.69
27-Jun	3.05	-3.04
4-Jul	2.25	-0.80
11-Jul	1.19	-1.06
18-Jul	0.94	-0.25
25-Jul	1.38	0.44
1-Aug	1.14	-0.24
8-Aug	2.98	1.84
15-Aug	3.53	0.55
22-Aug	5.18	1.65
29-Aug	6.58	1.40
5-Sep	10.23	3.65
12-Sep	10.58	0.35
19-Sep	16.11	5.53
26-Sep	20.08	3.97
3-Oct	24.89	4.81
10-Oct	30.34	5.45
17-Oct	31.99	1.65
24-Oct	33.87	1.88
31-Oct	36.59	2.72
7-Nov	36.99	0.40
14-Nov	36.18	-0.81
21-Nov	34.59	-1.59
28-Nov	32.69	-1.90
5-Dec	27.38	-5.31
12-Dec	28.33	0.95
19-Dec	27.66	-0.67
26-Dec	24.13	-3.53

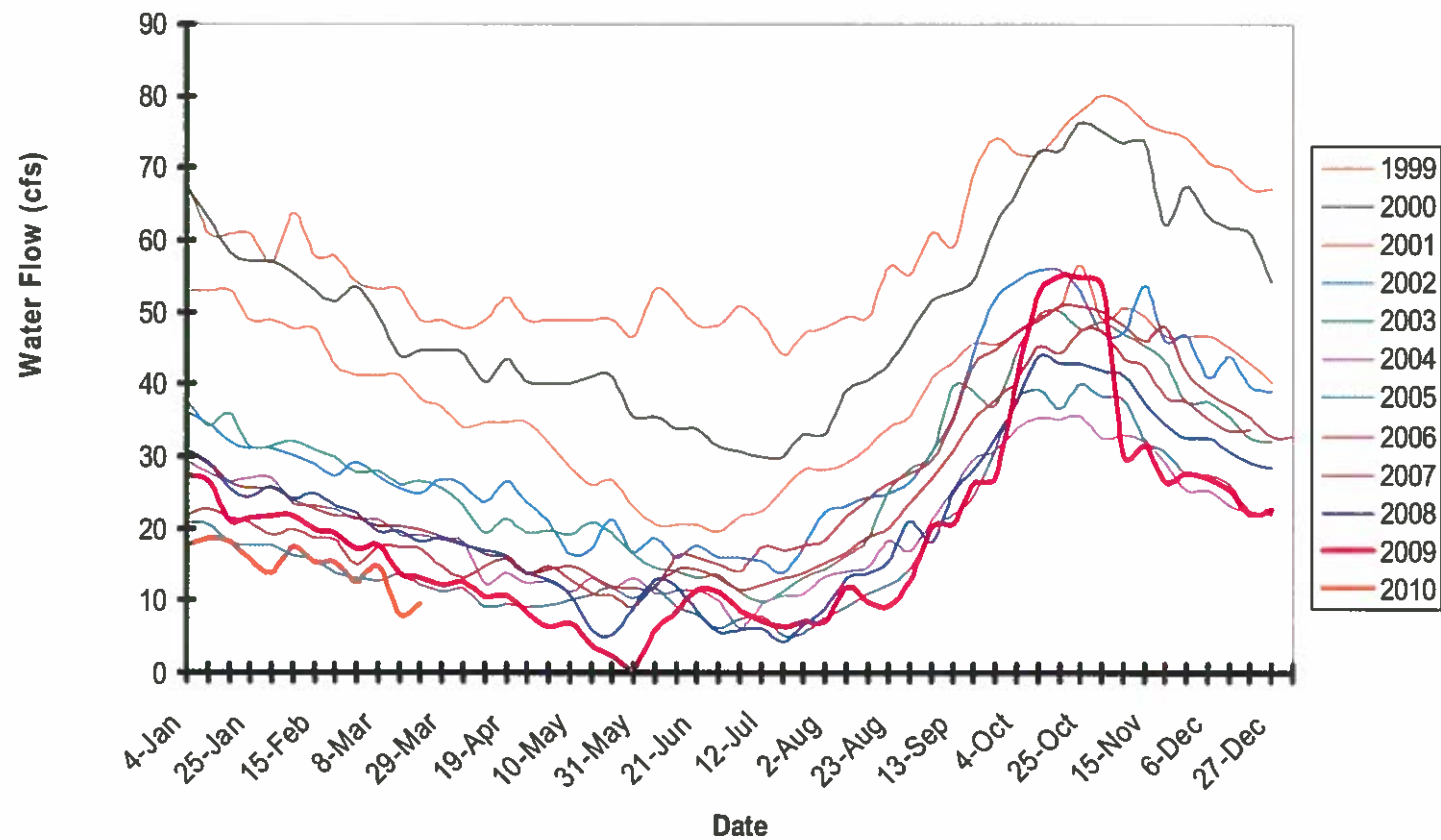
Is to previous reading

CLEAR SPRINGS FOODS INC.
BOX CANYON OVERFLOW
WATER FLOWS IN C.F.S.

Note: VAR. is to previous reading
UPDATE DATE
12/28/11

Period	2005		Period	2006		Period	2007		Period	2008		Period	2009		Period	2010		Period	2011	
Date	C.F.S	VAR.	Date	C.F.S	VAR.	Date	C.F.S	VAR.	Date	C.F.S	VAR.	Date	C.F.S	VAR.	Date	C.F.S	VAR.	Date	C.F.S	VAR.
3-Jan	21.00	-1.02	2-Jan	0.00	-22.43	1-Jan	31.03	-2.70	7-Jan	31.07	-1.92	5-Jan	27.68	-1.66	4-Jan	17.70	-4.04	3-Jan	18.72	-4.81
10-Jan	20.82	-0.38	9-Jan	22.79	0.36	8-Jan	29.37	-1.66	14-Jan	28.93	-2.14	12-Jan	26.55	-1.13	11-Jan	18.65	0.95	10-Jan	20.08	1.36
17-Jan	18.21	-2.41	16-Jan	21.66	-1.13	15-Jan	26.34	-3.03	21-Jan	25.71	-3.22	19-Jan	21.12	-5.43	18-Jan	18.32	-0.33	17-Jan	17.75	-2.33
24-Jan	17.85	-0.36	23-Jan	20.97	-0.69	22-Jan	25.61	-0.73	28-Jan	24.56	-1.15	26-Jan	0.00	-21.12	25-Jan	15.77	-2.55	24-Jan	16.57	-1.18
31-Jan	17.51	-0.34	30-Jan	19.31	-1.66	29-Jan	25.61	0.00	4-Feb	26.01	1.45	2-Feb	21.86	0.74	1-Feb	13.97	-1.80	31-Jan	15.06	-1.51
7-Feb	16.28	-1.23	6-Feb	19.87	0.56	5-Feb	23.96	-1.65	11-Feb	24.27	-1.74	9-Feb	21.84	-0.02	8-Feb	17.58	3.61	7-Feb	13.50	-1.56
14-Feb	15.70	-0.58	13-Feb	18.64	-1.23	12-Feb	22.83	-1.13	18-Feb	24.89	0.62	16-Feb	19.91	-1.93	15-Feb	15.40	-2.18	14-Feb	13.32	-0.18
21-Feb	13.84	-1.86	20-Feb	18.40	-0.24	19-Feb	21.73	-1.10	25-Feb	23.25	-1.64	23-Feb	19.46	-0.45	22-Feb	15.30	-0.10	21-Feb	11.85	-1.47
28-Feb	13.17	-0.67	27-Feb	15.01	-3.39	26-Feb	21.52	-0.21	3-Mar	22.25	-1.00	2-Mar	17.34	-2.12	1-Mar	12.67	-2.63	28-Feb	11.60	-0.25
7-Mar	12.77	-0.40	6-Mar	17.59	2.58	5-Mar	20.51	-1.01	10-Mar	19.79	-2.46	9-Mar	17.74	0.40	8-Mar	14.87	2.20	7-Mar	10.07	-1.53
14-Mar	13.74	0.97	13-Mar	17.60	0.01	12-Mar	20.33	-0.18	17-Mar	19.79	0.00	16-Mar	14.01	-3.73	15-Mar	8.09	-6.78	14-Mar	9.77	-0.30
21-Mar	12.19	-1.55	20-Mar	17.28	-0.32	19-Mar	19.90	-0.43	24-Mar	18.36	-1.43	23-Mar	0.00	-14.01	22-Mar	9.70	1.61	21-Mar	8.55	-1.22
28-Mar	11.26	-0.93	27-Mar	14.99	-2.29	26-Mar	18.97	-0.93	31-Mar	18.72	0.36	30-Mar	12.29	-1.72	29-Mar	11.04	1.34	28-Mar	7.67	-0.88
4-Apr	11.70	0.44	3-Apr	13.09	-1.90	2-Apr	18.10	-0.87	7-Apr	17.64	-1.08	6-Apr	12.82	0.53	5-Apr	9.15	-1.89	4-Apr	7.80	0.13
11-Apr	10.37	-1.33	10-Apr	14.85	1.76	9-Apr	16.58	-1.52	14-Apr	0.00	-17.64	13-Apr	10.63	-2.19	12-Apr	8.37	-0.78	11-Apr	6.99	-0.81
18-Apr	9.52	-0.85	17-Apr	15.86	1.01	16-Apr	16.12	-0.46	21-Apr	16.22	-1.42	20-Apr	10.77	0.14	19-Apr	7.52	-0.85	18-Apr	7.31	0.32
25-Apr	9.02	-0.50	24-Apr	13.67	-2.19	23-Apr	14.04	-2.08	28-Apr	13.99	-2.23	27-Apr	8.29	-2.48	26-Apr	6.82	-1.70	25-Apr	7.27	-0.04
2-May	9.40	0.38	1-May	14.86	1.19	30-Apr	14.34	0.30	5-May	12.97	-1.02	4-May	6.56	-1.73	3-May	6.56	0.74	2-May	6.41	-0.86
9-May	10.06	0.66	8-May	0.00	-14.86	7-May	14.83	0.49	12-May	10.69	-2.28	11-May	7.06	0.50	10-May	4.59	-1.97	9-May	6.22	-0.19
16-May	10.74	0.88	15-May	11.11	-3.75	14-May	13.38	-1.45	19-May	6.08	-4.61	18-May	3.89	-3.17	17-May	2.65	-1.94	16-May	6.94	0.72
23-May	11.86	1.12	22-May	10.79	-0.32	21-May	12.10	-1.28	26-May	5.39	-0.69	25-May	2.43	-1.46	24-May	4.38	1.73	23-May	6.75	-0.19
30-May	10.42	-1.44	29-May	9.22	-1.57	28-May	11.83	-0.27	2-Jun	8.87	3.48	1-Jun	0.67	-1.76	31-May	5.59	1.21	30-May	6.94	0.19
6-Jun	11.64	1.22	5-Jun	12.21	2.99	4-Jun	11.94	0.11	9-Jun	12.89	4.02	8-Jun	6.07	5.40	7-Jun	8.26	2.67	6-Jun	8.36	1.42
13-Jun	9.04	-2.60	12-Jun	14.35	2.14	11-Jun	16.38	4.44	16-Jun	11.88	-1.01	15-Jun	NR	-6.07	14-Jun	7.36	-0.90	13-Jun	6.78	-1.58
20-Jun	8.13	-0.91	19-Jun	14.31	-0.04	18-Jun	16.09	-0.29	23-Jun	8.54	-3.34	22-Jun	11.46	5.39	21-Jun	3.47	-3.89	20-Jun	6.09	-0.69
27-Jun	6.15	-1.98	26-Jun	13.11	-1.20	25-Jun	15.05	-1.04	30-Jun	5.86	-2.68	29-Jun	11.24	-0.22	28-Jun	4.00	0.53	27-Jun	3.05	-3.04
4-Jul	7.46	1.31	3-Jul	11.56	-1.55	2-Jul	14.12	-0.93	7-Jul	6.10	0.24	6-Jul	8.55	-2.69	5-Jul	2.22	-1.78	4-Jul	2.25	-0.80
11-Jul	7.88	0.42	10-Jul	12.36	0.80	9-Jul	17.52	3.40	14-Jul	6.33	0.23	13-Jul	7.17	-1.38	12-Jul	1.78	-0.44	11-Jul	1.19	-1.06
18-Jul	5.34	-2.54	17-Jul	13.11	0.75	16-Jul	16.95	-0.57	21-Jul	4.38	-1.95	20-Jul	6.48	-0.69	19-Jul	1.61	-0.17	18-Jul	0.94	-0.25
25-Jul	5.62	0.28	24-Jul	13.93	0.82	23-Jul	17.65	0.70	28-Jul	6.74	2.36	27-Jul	7.18	0.70	26-Jul	1.00	-0.61	25-Jul	1.38	0.44
1-Aug	7.64	2.02	31-Jul	15.43	1.50	30-Jul	18.39	0.74	4-Aug	8.01	2.17	3-Aug	7.19	0.01	2-Aug	2.35	1.35	1-Aug	1.14	-0.24
8-Aug	9.22	1.58	7-Aug	16.89	1.46	6-Aug	21.93	3.54	11-Aug	13.27	4.36	10-Aug	12.02	4.83	9-Aug	3.17	0.82	8-Aug	2.98	1.84
15-Aug	11.06	1.84	14-Aug	18.85	1.96	13-Aug	24.36	2.43	18-Aug	13.86	0.59	17-Aug	9.82	-2.20	16-Aug	4.75	1.58	15-Aug	3.53	0.55
22-Aug	12.19	1.13	21-Aug	20.19	1.34	20-Aug	26.49	2.13	25-Aug	15.53	1.67	24-Aug	9.43	-0.39	23-Aug	20.82	16.07	22-Aug	5.18	1.65
29-Aug	14.30	2.11	28-Aug	23.82	3.63	27-Aug	27.82	1.33	1-Sep	21.11	5.58	31-Aug	12.91	3.48	30-Aug	8.71	-12.11	29-Aug	6.58	1.40
5-Sep	20.08	5.78	4-Sep	27.23	3.41	3-Sep	29.81	1.99	8-Sep	18.26	-2.85	7-Sep	20.44	7.53	6-Sep	10.55	1.84	5-Sep	10.23	3.65
12-Sep	22.12	2.04	11-Sep	30.98	3.75	10-Sep	35.38	5.57	15-Sep	25.21	6.95	14-Sep	20.99	0.55	13-Sep	13.24	2.69	12-Sep	10.58	0.35
19-Sep	24.70	2.58	18-Sep	35.18	4.20	17-Sep	42.80	7.42	22-Sep	28.21	3.00	21-Sep	26.32	5.33	20-Sep	18.80	5.56	19-Sep	16.11	5.53
26-Sep	30.98	6.28	25-Sep	0.00	-35.18	24-Sep	44.86	2.06	29-Sep	32.59	4.38	28-Sep	27.30	0.98	27-Sep	23.35	4.55	26-Sep	20.08	3.97
3-Oct	37.99	7.01	2-Oct	40.86	6.88	1-Oct	47.24	2.38	6-Oct	37.59	5.00	5-Oct	41.07	13.77	4-Oct	23.39	0.04	3-Oct	24.89	4.81
10-Oct	39.28	1.29	9-Oct	45.33	4.47	8-Oct	0.00	-47.24	13-Oct	43.82	6.23	12-Oct	52.73	11.66	11-Oct	31.18	7.79	10-Oct	30.34	5.45
17-Oct	38.62	-0.66	16-Oct	44.48	-0.85	15-Oct	50.92	3.68	20-Oct	43.04	-0.78	19-Oct	55.22	2.49	18-Oct	31.54	0.36	17-Oct	31.99	1.65
24-Oct	39.99	1.37	23-Oct	47.54	3.06	22-Oct	50.89	-0.03	27-Oct	42.89	-0.15	26-Oct	54.92	-0.30	25-Oct	34.60	3.06	24-Oct	33.87	1.88
31-Oct	38.35	-1.64	30-Oct	47.54	0.00	29-Oct	50.13	-0.76	3-Nov	42.05	-0.83	2-Nov	53.83	-1.09	1-Nov	33.30	-1.30	31-Oct	36.59	2.72
7-Nov	37.96	-0.39	6-Nov	43.83	-3.91	5-Nov	48.19	-1.94	10-Nov	41.18	-0.88	9-Nov	30.33	-23.50	8-Nov	36.31	3.01	7-Nov	36.99	0.40
14-Nov	32.40	-5.56	13-Nov	42.43	-1.20	12-Nov	46.19	-2.00	17-Nov	37.36	-3.82	16-Nov	31.68	1.35	15-Nov	32.30	-4.01	14-Nov	36.18	-0.81
21-Nov	30.70	-1.70	20-Nov	38.51	-3.92	19-Nov	47.96	1.77	24-Nov	0.00	-37.36	23-Nov	26.56	-5.12	22-Nov	32.48	0.18	21-Nov	34.59	-1.59
28-Nov	27.78	-2.92	27-Nov	37.79	-0.72	26-Nov	41.83	-6.13	1-Dec	32.62	-4.74	30-Nov	27.93	1.37	29-Nov	27.84	-4.64	28-Nov	32.69	-1.90
5-Dec	27.71	-0.07	4-Dec	35.24	-2.55	3-Dec	38.98	-2.85	6-Dec	32.59	-0.03	7-Dec	27.24	-0.69	6-Dec	23.14	-4.70	5-Dec	27.38	-5.31
12-Dec	26.14	-1.57	11-Dec	33.56	-1.68	10-Dec	37.19	-1.79	15-Dec	30.78	-1.81	14-Dec	25.45	-1.79	13-Dec	26.19	3.05	12-Dec	28.33	0.95
19-Dec	22.62	-3.52	18-Dec	33.73	0.17	17-Dec	35.56	-1.63	22-Dec	29.34	-1.44	21-Dec	22.10	-3.35	20-Dec	25.10	-1.09	19-Dec	27.66	-0.67
26-Dec	22.43	-0.19	25-Dec	0.00	-33.73	24-Dec	32.99	-2.57	29-Dec	0.00	-29.34	28-Dec	21.74	-0.36	27-Dec	23.53	-1.57	26-Dec	0.00	-27.66
						31-Dec	32.99	0.00												

Box Canyon By-Pass Flows



STATE OF IDAHO
WATER DISTRICT 130
WATER MEASUREMENT ANNUAL REPORT

REPORTING YEAR 2010

RECEIVED
JAN 14 2011
DEPT. OF WATER RESOURCES
SOUTHERN REGION

OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE

ATTENTION: Year end data must be submitted to Water District 130, 1341 Fillmore St Ste 200, Twin Falls ID, 83301, on or before **January 15, 2011.**

Reporter ID/Name:	JOHN R MACMILLAN	
Water Source:	CLEAR SPRINGS FOODS	
Legal Description:	08S 14E S28 NESWNE	
	BOX CANYON FARM	
Site Tag No:	A0001565 410032	9
Diversion Name:		

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right Owner

Please check for address correction ☐

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City unchanged

Mobile _____

State & Zip _____

e-mail _____

Operator or Contact Person (if different from owner)

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

SECTION II Water Use Information

Crop

Acres

Non-Irrigation Use(s)

Total acres

Number of idled acres

SECTION III Water Measurement Log (*measurements must be recorded at least once per week and in units of cubic feet per second.*) **PLEASE SHOW TURN ON/TURN OFF DATES**

DAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1						
2	SEE ATTACHED					
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
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27						
28						
29						
30		-----				
31		-----		-----		-----

SECTION III Water Measurement Log (Continued). *(measurements must be recorded at least once per week and in units of cubic feet per second.)* **PLEASE SHOW TURN ON/TURN OFF DATES**

DAY	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
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26						
27						
28						
29						
30						
31			-----		-----	

SECTION IV Measuring Device Information

A. Type & Description of Measuring Device(s): _____

unchanged

B. Attach copies of all measuring device rating tables to this report (omit if previously supplied).

SECTION V Modifications made to water system

Please describe in the space below any major modification made to the diversion works or measuring device during the reporting year.

none

SECTION VI Certification

I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

John R. MacMillan
Signature

Vice President
Title

1-12-2011
Date

For Department Use Only

Reviewed by _____
Data entry by *Atlee*

Date _____
Date *3/9/11*

Note: VAR. is to previous reading

CLEAR SPRINGS FOODS INC
BOX CANYON HATCHERY
WATER FLOWS IN C F S

Note: VAR. is to previous reading

CLEAR SPRINGS FOODS INC
BOX CANYON HATCHERY
WATER FLOWS IN C F S

Note: VAR. is to previous reading
UPDATE DATE
01/08/11

DATE	Period	2001			Period	2002			Period	2003			Period	2004			Period	2005			Period	2006			Period	2007			Period	2008			Period	2009			Period	2010				
		CFS	VAR	*		CFS	VAR	*		CFS	VAR	*		CFS	VAR	*		CFS	VAR	*		CFS	VAR	*		CFS	VAR	*		CFS	VAR	*		CFS	VAR	*		CFS	VAR	*	CFS	VAR
07-Jan	1-Jan	299.33			01-Jan	299.26	0.00	A	13-Jan	301.48	0.00	A	5-Jan	298.50	0.00	A	3-Jan	299.27	0.00	A	2-Jan	297.04	-1.55	1-Jan	298.87	0.00	A	7-Jan	298.80	-0.82	5-Jan	297.65	2.45	4-Jan	299.33	-0.40						
14-Jan	8-Jan	299.33	0.00	A	14-Jan	299.26	0.00	A	13-Jan	301.48	0.00	A	12-Jan	298.50	0.00	A	10-Jan	299.27	0.00	A	9-Jan	297.04	0.00	A	8-Jan	298.87	0.00	A	14-Jan	298.80	0.00	A	12-Jan	297.65	0.00	A	11-Jan	299.33	0.00	A		
21-Jan	15-Jan	299.33	0.00	A	21-Jan	299.26	0.00	A	20-Jan	301.48	0.00	A	19-Jan	298.50	0.00	A	17-Jan	299.27	0.00	A	16-Jan	297.04	0.00	A	15-Jan	298.87	0.00	A	21-Jan	298.80	0.00	A	19-Jan	297.65	0.00	A	18-Jan	299.33	0.00	A		
28-Jan	22-Jan	299.33	0.00	A	28-Jan	299.26	0.00	A	27-Jan	301.48	0.00	A	26-Jan	298.50	0.00	A	24-Jan	299.27	0.00	A	23-Jan	297.04	0.00	A	22-Jan	298.87	0.00	A	28-Jan	298.80	0.00	A	26-Jan	297.65	0.00	A	25-Jan	299.33	0.00	A		
04-Feb	29-Jan	299.33	0.00	A	4-Feb	299.26	0.00	A	3-Feb	301.48	0.00	A	2-Feb	298.50	0.00	A	31-Jan	299.27	0.00	A	30-Jan	297.04	-0.74	29-Jan	298.87	0.00	A	4-Feb	298.80	0.00	A	3-Feb	297.65	0.00	A	1-Feb	299.88	0.55	0.00	A		
11-Feb	5-Feb	299.33	0.00	A	11-Feb	299.26	0.00	A	10-Feb	301.48	0.00	A	9-Feb	298.50	0.00	A	7-Feb	299.27	0.00	A	6-Feb	298.30	0.00	A	5-Feb	299.47	0.00	A	11-Feb	298.93	0.00	A	9-Feb	297.83	0.18	8-Feb	299.88	0.00	0.00	A		
18-Feb	12-Feb	299.33	0.00	A	18-Feb	299.26	0.00	A	17-Feb	301.48	0.00	A	16-Feb	298.50	0.00	A	14-Feb	299.27	0.00	A	13-Feb	298.30	0.00	A	12-Feb	298.41	-1.08	18-Feb	298.93	0.00	A	16-Feb	297.83	0.00	A	15-Feb	299.88	0.00	0.00	A		
25-Feb	19-Feb	298.15	-1.18	A	25-Feb	299.26	0.00	A	24-Feb	299.26	-2.22	A	23-Feb	298.50	0.00	A	21-Feb	299.27	0.00	A	20-Feb	298.30	0.00	A	19-Feb	298.41	0.00	A	25-Feb	298.93	0.00	A	23-Feb	297.83	0.00	A	22-Feb	299.88	0.00	0.00	A	
03-Mar	26-Feb	298.15	0.00	A	4-Mar	299.26	0.00	A	3-Mar	299.26	0.00	A	1-Mar	297.76	-0.74	A	28-Feb	299.27	0.00	A	27-Feb	298.30	0.00	A	26-Feb	298.41	0.00	A	3-Mar	298.93	0.00	A	2-Mar	295.33	-2.50	1-Mar	298.85	-0.93	0.00	A		
10-Mar	5-Mar	298.15	0.00	A	11-Mar	299.26	0.00	A	10-Mar	299.26	0.00	A	8-Mar	297.76	0.00	A	7-Mar	299.27	0.00	A	6-Mar	297.08	0.76	5-Mar	298.43	-1.88	10-Mar	298.76	-0.15	9-Mar	295.33	0.00	A	8-Mar	298.85	0.00	A	0.00	A			
17-Mar	12-Mar	298.15	0.00	A	18-Mar	299.26	0.00	A	17-Mar	299.26	0.00	A	15-Mar	297.76	0.00	A	14-Mar	299.27	0.00	A	13-Mar	298.30	-0.78	12-Mar	298.43	0.00	A	17-Mar	298.76	0.00	A	16-Mar	295.33	0.00	A	15-Mar	298.85	0.00	A	0.00	A	
24-Mar	19-Mar	298.15	0.00	A	25-Mar	299.26	0.00	A	24-Mar	299.26	0.00	A	22-Mar	297.76	0.00	A	21-Mar	299.27	0.00	A	20-Mar	298.30	0.00	A	19-Mar	298.43	0.00	A	24-Mar	298.76	0.00	A	23-Mar	295.33	0.00	A	22-Mar	298.85	0.00	A	0.00	A
31-Mar	26-Mar	298.15	0.00	A	1-Apr	299.26	0.00	A	31-Mar	299.26	0.00	A	29-Mar	297.76	0.00	A	28-Mar	299.27	0.00	A	27-Mar	298.30	0.00	A	26-Mar	298.43	0.00	A	31-Mar	298.76	0.00	A	30-Mar	295.33	0.00	A	29-Mar	298.85	0.00	A	0.00	A
07-Apr	2-Apr	298.15	0.00	A	8-Apr	299.26	0.00	A	7-Apr	299.26	0.00	A	5-Apr	297.76	0.00	A	4-Apr	299.27	0.00	A	3-Apr	298.92	0.62	2-Apr	298.43	0.00	A	7-Apr	298.76	0.00	A	6-Apr	297.67	2.34	5-Apr	301.57	2.62	0.00	A			
14-Apr	9-Apr	298.15	0.00	A	15-Apr	299.26	0.00	A	14-Apr	299.26	0.00	A	12-Apr	297.76	0.00	A	11-Apr	299.27	0.00	A	10-Apr	298.92	-0.45	9-Apr	298.43	0.00	A	14-Apr	298.76	0.00	A	13-Apr	297.67	0.00	A	12-Apr	301.57	0.00	0.00	A		
21-Apr	16-Apr	298.15	0.00	A	22-Apr	299.26	0.00	A	21-Apr	299.26	-1.11	A	20-Apr	297.76	0.00	A	19-Apr	299.27	0.00	A	18-Apr	298.30	0.00	A	17-Apr	298.43	0.00	A	21-Apr	298.76	-0.68	20-Apr	297.67	0.00	A	19-Apr	301.57	0.00	0.00	A		
28-Apr	23-Apr	302.22	4.07	A	29-Apr	298.15	0.00	A	28-Apr	299.26	0.00	A	26-Apr	297.76	0.00	A	25-Apr	299.27	0.00	A	24-Apr	298.30	0.00	A	23-Apr	298.43	0.00	A	28-Apr	298.76	0.00	A	27-Apr	297.67	0.00	A	26-Apr	301.57	0.00	0.00	A	
05-May	30-Apr	302.22	0.00	A	6-May	298.15	0.00	A	5-May	299.26	0.00	A	3-May	297.76	0.00	A	2-May	299.27	0.00	A	1-May	298.93	3.33	30-Apr	297.56	0.68	5-May	297.57	1.47	4-May	296.67	-1.00	3-May	301.57	0.00	0.00	A					
12-May	7-May	302.22	0.00	A	13-May	298.15	0.00	A	12-May	299.26	0.00	A	10-May	297.76	-1.10	A	9-May	299.27	0.00	A	8-May	298.93	0.00	A	7-May	297.56	0.00	A	12-May	297.57	0.00	A	11-May	296.67	0.00	A	10-May	301.57	0.00	0.00	A	
19-May	14-May	302.22	0.00	A	20-May	298.15	0.00	A	19-May	299.26	0.00	A	17-May	297.76	0.00	A	16-May	299.27	0.00	A	15-May	298.93	0.00	A	14-May	297.56	0.00	A	19-May	297.57	0.00	A	18-May	296.67	0.00	A	17-May	298.14	-3.43	0.00	A	
26-May	21-May	302.22	0.00	A	27-May	298.15	0.00	A	26-May	299.26	0.00	A	24-May	297.76	0.00	A	23-May	299.27	0.00	A	22-May	298.93	0.00	A	21-May	297.56	0.00	A	26-May	297.57	0.00	A	25-May	296.67	0.00	A	24-May	298.14	0.00	A	0.00	A
02-Jun	28-May	302.22	0.00	A	3-Jun	298.15	0.00	A	2-May	299.26	0.00	A	31-May	297.76	-0.73	A	30-May	299.27	0.00	A	29-May	298.93	-1.24	28-May	297.56	0.00	A	2-Jun	297.57	0.00	A	1-Jun	296.73	0.06	31-May	298.14	0.00	A	0.00	A		
09-Jun	4-Jun	302.22	0.00	A	10-Jun	298.15	0.00	A	9-Jun	299.26	0.00	A	7-Jun	297.76	0.00	A	6-Jun	299.27	0.00	A	5-Jun	297.51	-2.12	4-Jun	297.56	0.00	A	9-Jun	296.57	1.00	8-Jun	296.73	0.00	A	7-Jun	298.14	0.00	A	0.00	A		
16-Jun	11-Jun	302.22	0.00	A	17-Jun	298.15	0.00	A	16-Jun	299.26	0.00	A	14-Jun	297.76	-1.48	A	13-Jun	299.27	0.00	A	12-Jun	297.51	0.00	A	11-Jun	297.56	0.00	A	16-Jun	296.57	0.00	A	15-Jun	296.73	0.00	A	14-Jun	298.14	0.00	A	0.00	A
23-Jun	18-Jun	302.22	0.00	A	24-Jun	298.15	0.00	A	23-Jun	297.76	0.00	A	21-Jun	297.76	0.00	A	20-Jun	299.27	0.00	A	19-Jun	297.51	0.00	A	18-Jun	297.56	0.00	A	23-Jun	296.57	0.00	A	22-Jun	296.73	0.00	A	21-Jun	298.14	0.00	A	0.00	A
30-Jun	25-Jun	298.89	-3.33	A	1-Jul	298.52	0.00	A	30-Jun	297.76	0.00	A	28-Jun	297.76	0.00	A	27-Jun	299.27	0.00	A	26-Jun	297.51	0.00	A	25-Jun	297.56	0.00	A	30-Jun	296.57	0.00	A	29-Jun	296.73	0.00	A	28-Jun	298.14	0.00	A	0.00	A
07-Jul	2-Jul	298.89	0.00	A	8-Jul	298.52	0.00	A	7-Jul	297.76	0.00	A	5-Jul	297.76	0.00	A	4-Jul	299.27	0.00	A	3-Jul	298.03	0.00	A	2-Jul	297.56	0.00	A	7-Jul	296.82	0.25	6-Jul	295.05	-1.68	5-Jul	296.54	-1.60	0.00	A			
14-Jul	9-Jul	298.89	0.00	A	15-Jul	298.52	0.00	A	14-Jul	297.76	0.00	A	12-Jul	297.76	0.00	A	11-Jul	299.27	0.00	A	10-Jul	297.51	0.00	A	9-Jul	297.56	0.00	A	14-Jul	296.82	0.00	A	13-Jul	295.05	0.00	A	12-Jul	296.54	0.00	A	0.00	A
21-Jul	16-Jul	298.89	0.00	A	22-Jul	298.52	0.00	A	21-Jul	297.76	0.00	A	19-Jul	297.76	0.00	A	18-Jul	299.27	0.00	A	17-Jul	297.51	0.00	A	16-Jul	297.56	0.00	A	21-Jul	296.82	0.00	A	20-Jul	295.05	0.00	A	19-Jul	296.54	0.00	A	0.00	A
28-Jul	23-Jul	298.89	0.00	A	29-Jul	298.52	0.00	A	28-Jul	298.52	0.74	A	26-Jul	298.52	0.00	A	25-Jul	298.03	0.00	A	24-Jul	297.51	0.00	A	23-Jul	298.38	0.00	A	28-Jul	296.82	0.00	A	27-Jul	295.05	0.00	A	26-Jul	296.54	0.00	A	0.00	A
04-Aug	30-Jul	298.89	0.00	A	5-Aug	298.52	0.00	A	4-Aug	298.52	0.00	A	2-Aug	298.52	0.00	A																										

Box Canyon

UPDATE DATE
12/28/10

Note: VAR. is to previous reading

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

Note: VAR. is to previous reading

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

Note: VAR. is to previous reading
UPDATE DATE
12/28/10

DATE	2000			2001			2002			2003			2004			2005			2006			2007			2008			2009			2010		
	C.F.B	VAR.	Period Date	C.F.B	VAR.	Period Date	C.F.B	VAR.	Period Date	C.F.B	VAR.	Period Date	C.F.B	VAR.	Period Date	C.F.B	VAR.	Period Date	C.F.B	VAR.	Period Date	C.F.B	VAR.	Period Date	C.F.B	VAR.	Period Date	C.F.B	VAR.	Period Date			
07-Jan	298.29	0.00	A 1-Jan	299.33	0.00	A 7-Jan	299.26	0.00	A 8-Jan	301.48	0.00	A 5-Jan	298.50	0.00	A 3-Jan	299.27	0.00	A 2-Jan	297.04	-1.55	A 1-Jan	298.87	0.00	A 7-Jan	298.80	-0.82	A 5-Jan	297.85	2.45	A 4-Jan	299.33	-0.40	A
14-Jan	298.29	0.00	A 8-Jan	299.33	0.00	A 14-Jan	299.26	0.00	A 13-Jan	301.48	0.00	A 12-Jan	298.50	0.00	A 10-Jan	299.27	0.00	A 9-Jan	297.04	0.00	A 8-Jan	298.87	0.00	A 14-Jan	298.80	0.00	A 12-Jan	297.85	0.00	A 11-Jan	299.33	0.00	A
21-Jan	297.41	-1.85	A 15-Jan	298.33	0.00	A 21-Jan	298.26	0.00	A 20-Jan	301.48	0.00	A 19-Jan	298.50	0.00	A 17-Jan	299.27	0.00	A 16-Jan	297.04	0.00	A 15-Jan	298.87	2.80	A 21-Jan	298.80	0.00	A 19-Jan	297.85	0.00	A 18-Jan	299.33	0.00	A
28-Jan	297.41	0.00	A 22-Jan	298.33	0.00	A 28-Jan	298.26	0.00	A 27-Jan	301.48	0.00	A 26-Jan	298.50	0.00	A 24-Jan	299.27	0.00	A 23-Jan	297.04	0.00	A 22-Jan	298.87	0.00	A 28-Jan	298.80	0.00	A 26-Jan	297.85	0.00	A 25-Jan	299.33	0.00	A
04-Feb	297.41	0.00	A 29-Jan	298.33	0.00	A 4-Feb	298.26	0.00	A 3-Feb	301.48	0.00	A 2-Feb	298.50	0.00	A 31-Jan	299.27	0.00	A 30-Jan	297.04	-0.74	A 29-Jan	298.87	0.00	A 4-Feb	298.80	0.13	A 2-Feb	297.85	0.00	A 1-Feb	299.33	0.00	A
11-Feb	297.41	0.00	A 30-Jan	298.33	0.00	A 11-Feb	298.26	0.00	A 10-Feb	301.48	0.00	A 9-Feb	298.50	0.00	A 7-Feb	299.27	0.00	A 6-Feb	297.04	0.00	A 5-Feb	298.87	0.00	A 11-Feb	298.80	0.00	A 9-Feb	297.85	0.00	A 8-Feb	299.33	0.00	A
18-Feb	297.41	0.00	A 12-Feb	298.33	0.80	A 18-Feb	298.26	0.00	A 17-Feb	301.48	0.00	A 16-Feb	298.50	0.00	A 14-Feb	299.27	0.00	A 13-Feb	297.04	0.00	A 12-Feb	298.87	-1.08	A 18-Feb	298.80	0.00	A 16-Feb	297.85	0.00	A 15-Feb	299.33	0.00	A
25-Feb	297.41	0.00	A 19-Feb	298.33	-1.18	A 25-Feb	298.26	0.00	A 24-Feb	299.26	-2.22	A 23-Feb	298.50	0.00	A 21-Feb	299.27	0.00	A 20-Feb	297.04	0.00	A 19-Feb	298.87	0.00	A 25-Feb	298.80	0.00	A 23-Feb	297.85	0.00	A 22-Feb	299.33	0.00	A
03-Mar	297.41	0.00	A 26-Feb	298.33	0.00	A 4-Mar	298.26	0.00	A 3-Mar	299.26	0.00	A 1-Mar	297.76	-0.74	A 28-Feb	299.27	0.00	A 27-Feb	297.04	0.00	A 26-Feb	298.87	0.00	A 4-Mar	298.80	0.00	A 3-Mar	297.85	-2.50	A 1-Mar	299.33	0.00	A
10-Mar	297.41	0.00	A 5-Mar	298.33	0.00	A 11-Mar	298.26	0.00	A 10-Mar	299.26	0.00	A 9-Mar	297.76	0.00	A 8-Mar	299.27	0.00	A 7-Mar	297.04	0.00	A 6-Mar	298.87	0.78	A 5-Mar	298.80	-0.15	A 3-Mar	297.85	0.00	A 2-Mar	299.33	0.00	A
17-Mar	297.41	0.00	A 12-Mar	298.33	0.00	A 18-Mar	298.26	0.00	A 17-Mar	299.26	0.00	A 16-Mar	297.76	0.00	A 14-Mar	299.27	0.00	A 13-Mar	297.04	0.00	A 12-Mar	298.87	-0.76	A 18-Mar	298.80	0.00	A 16-Mar	297.85	0.00	A 15-Mar	299.33	0.00	A
24-Mar	297.41	0.00	A 19-Mar	298.33	0.00	A 25-Mar	298.26	0.00	A 24-Mar	299.26	0.00	A 23-Mar	297.76	0.00	A 21-Mar	299.27	0.00	A 20-Mar	297.04	0.00	A 19-Mar	298.87	0.00	A 25-Mar	298.80	0.00	A 23-Mar	297.85	0.00	A 22-Mar	299.33	0.00	A
31-Mar	297.41	0.00	A 26-Mar	298.33	0.00	A 1-Apr	298.26	0.00	A 31-Mar	299.26	0.00	A 30-Mar	297.76	0.00	A 28-Mar	299.27	0.00	A 27-Mar	297.04	0.00	A 26-Mar	298.87	0.00	A 31-Mar	298.80	0.00	A 29-Mar	297.85	0.00	A 28-Mar	299.33	0.00	A
07-Apr	298.63	2.22	A 2-Apr	298.15	0.99	A 8-Apr	298.26	0.00	A 7-Apr	299.26	0.00	A 6-Apr	297.76	0.00	A 4-Apr	299.27	0.00	A 3-Apr	298.82	0.82	A 2-Apr	298.43	0.00	A 8-Apr	298.78	0.00	A 6-Apr	297.85	0.00	A 5-Apr	299.33	0.00	A
14-Apr	298.63	0.00	A 9-Apr	298.15	0.00	A 15-Apr	298.26	0.00	A 14-Apr	299.26	0.00	A 13-Apr	297.76	0.00	A 11-Apr	299.27	0.00	A 10-Apr	298.82	0.82	A 9-Apr	298.43	0.45	A 15-Apr	298.78	0.00	A 13-Apr	297.85	0.00	A 12-Apr	299.33	0.00	A
21-Apr	298.63	0.00	A 16-Apr	298.15	0.00	A 22-Apr	298.15	-1.11	A 21-Apr	299.26	0.00	A 20-Apr	297.76	0.00	A 18-Apr	299.27	0.00	A 17-Apr	298.82	0.00	A 16-Apr	298.43	0.00	A 22-Apr	298.78	0.00	A 20-Apr	297.85	0.00	A 19-Apr	299.33	0.00	A
28-Apr	298.63	0.00	A 23-Apr	298.15	0.00	A 29-Apr	298.15	0.00	A 28-Apr	299.26	0.00	A 27-Apr	297.76	0.00	A 25-Apr	299.27	0.00	A 24-Apr	298.82	0.00	A 23-Apr	298.43	0.00	A 29-Apr	298.78	0.00	A 27-Apr	297.85	0.00	A 26-Apr	299.33	0.00	A
05-May	298.63	0.00	A 30-Apr	298.15	0.00	A 6-May	298.15	0.00	A 5-May	299.26	0.00	A 4-May	297.76	0.00	A 2-May	299.27	0.00	A 1-May	298.82	0.00	A 30-Apr	298.43	3.33	A 6-May	298.78	0.00	A 4-May	297.85	0.00	A 3-May	299.33	0.00	A
12-May	298.63	0.00	A 7-May	298.15	0.00	A 13-May	298.15	0.00	A 12-May	299.26	0.00	A 11-May	297.76	-1.10	A 9-May	299.27	0.00	A 8-May	298.82	0.00	A 7-May	298.43	0.00	A 13-May	298.78	0.00	A 11-May	297.85	0.00	A 10-May	299.33	0.00	A
19-May	298.63	0.00	A 14-May	298.15	0.00	A 20-May	298.15	0.00	A 19-May	299.26	0.00	A 18-May	297.76	0.00	A 16-May	299.27	0.00	A 15-May	298.82	0.00	A 14-May	298.43	0.00	A 20-May	298.78	0.00	A 18-May	297.85	0.00	A 17-May	299.33	0.00	A
26-May	298.63	0.00	A 21-May	298.15	0.00	A 27-May	298.15	0.00	A 26-May	299.26	0.00	A 25-May	297.76	0.00	A 23-May	299.27	0.00	A 22-May	298.82	0.00	A 21-May	298.43	0.00	A 27-May	298.78	0.00	A 25-May	297.85	0.00	A 24-May	299.33	0.00	A
02-Jun	298.63	0.00	A 28-May	298.15	0.00	A 4-Jun	298.15	0.00	A 3-Jun	299.26	0.00	A 2-Jun	297.76	0.00	A 31-May	299.27	0.00	A 30-May	298.82	-0.73	A 29-May	298.43	-1.24	A 4-Jun	298.78	0.00	A 3-Jun	297.85	0.00	A 2-May	299.33	0.00	A
09-Jun	298.63	0.00	A 4-Jun	298.15	0.00	A 10-Jun	298.15	0.00	A 9-Jun	299.26	0.00	A 8-Jun	297.76	0.00	A 6-Jun	299.27	0.00	A 5-Jun	298.82	0.00	A 4-Jun	298.43	0.00	A 10-Jun	298.78	0.00	A 8-Jun	297.85	0.00	A 7-Jun	299.33	0.00	A
16-Jun	298.63	0.00	A 11-Jun	298.15	0.00	A 17-Jun	298.15	0.00	A 16-Jun	299.26	0.00	A 15-Jun	297.76	-1.48	A 13-Jun	299.27	0.00	A 12-Jun	298.82	0.00	A 11-Jun	298.43	0.00	A 17-Jun	298.78	0.00	A 15-Jun	297.85	0.00	A 14-Jun	299.33	0.00	A
23-Jun	297.78	-1.85	A 18-Jun	298.15	0.00	A 24-Jun	298.15	0.00	A 23-Jun	299.26	0.00	A 22-Jun	297.76	0.00	A 20-Jun	299.27	0.00	A 19-Jun	298.82	0.00	A 18-Jun	298.43	0.00	A 24-Jun	298.78	0.00	A 22-Jun	297.85	0.00	A 21-Jun	299.33	0.00	A
30-Jun	297.78	0.00	A 25-Jun	298.15	-3.33	A 1-Jul	298.15	0.00	A 30-Jun	299.26	0.00	A 29-Jun	297.76	0.00	A 27-Jun	299.27	0.00	A 26-Jun	298.82	0.00	A 25-Jun	298.43	0.00	A 30-Jun	298.78	0.00	A 28-Jun	297.85	0.00	A 27-Jun	299.33	0.00	A
07-Jul	297.78	0.00	A 2-Jul	298.15	0.00	A 8-Jul	298.15	0.00	A 7-Jul	299.26	0.00	A 6-Jul	297.76	0.00	A 4-Jul	299.27	0.00	A 3-Jul	297.04	0.00	A 2-Jul	298.87	0.00	A 8-Jul	298.80	0.00	A 6-Jul	297.85	0.00	A 5-Jul	299.33	0.00	A
14-Jul	297.78	0.00	A 9-Jul	298.15	0.00	A 15-Jul	298.15	0.00	A 14-Jul	299.26	0.00	A 13-Jul	297.76	0.00	A 11-Jul	299.27	0.00	A 10-Jul	298.82	0.00	A 9-Jul	298.43	0.00	A 15-Jul	298.78	0.00	A 13-Jul	297.85	0.00	A 12-Jul	299.33	0.00	A
21-Jul	297.78	0.00	A 16-Jul	298.15	0.00	A 22-Jul	298.15	0.00	A 21-Jul	299.26	0.00	A 20-Jul	297.76	0.00	A 18-Jul	299.27	0.00	A 17-Jul	297.04	0.00	A 16-Jul	298.87	0.00	A 22-Jul	298.80	0.00	A 20-Jul	297.85	0.00	A 19-Jul	299.33	0.00	A
28-Jul	297.78	0.00	A 23-Jul	298.15	0.00	A 29-Jul	298.15	0.00	A 28-Jul	299.26	0.00	A 27-Jul	297.76	0.00	A 25-Jul	299.27	0.00	A 24-Jul	298.82	0.00	A 23-Jul	298.43	0.00	A 29-Jul	298.78	0.00	A 27-Jul	297.85	0.00	A 26-Jul	299.33	0.00	A
04-Aug	297.78	0.00	A 30-Jul	298.15	0.00	A 5-Aug	298.15	0.00	A 4-Aug	299.26	0.00	A 3-Aug	297.76	0.00	A 1-Aug	299.27	0.00	A 31-Jul	298.82	0.00	A 30-Jul	298.43	0.00	A 5-Aug	298.78	0.00	A 4-Aug	297.85	0.00	A 3-Aug	299.33	0.00	A
11-Aug	297.78	0.00	A 6-Aug	298.15	0.00	A 12-Aug	298.15	0.00	A 11-Aug	299.26	0.00	A 10-Aug	297.76	0.00	A 8-Aug	299.27	0.00	A 7-Aug	297.04	0.00	A 6-Aug	298.87	0.00	A 12-Aug	298.80	0.00	A 10-Aug	297.85	0.00	A 9-Aug	299.33	0.00	A
18-Aug	297.78	0.00	A 13-Aug	298.15	0.00	A 19-Aug	298.15	0.00	A 18-Aug	299.26	0.00	A 17-Aug	297.76	0.00	A 15-Aug	299.27	0.00	A 14-Aug	298.82	0.00	A 13-Aug	298.43	0.00	A 19-Aug	298.78	0.00	A 17-Aug	297.85	0.00	A 16-Aug	299.33	0.00	A
25-Aug	298.52	0.74.																															

UPDATE DATE
12/26/10

Note: VAR. is to previous reading

CLEAR SPRINGS FOODS INC.
BOX CANYON OVERFLOW
WATER FLOWS IN C.F.S.

Note: VAR. is to previous reading

CLEAR SPRINGS FOODS INC.
BOX CANYON OVERFLOW
WATER FLOWS IN C.F.S.

Note: VAR. is to previous reading
UPDATE DATE
12/26/10

Period	2000			Period	2001			Period	2002			Period	2003			Period	2004			Period	2005			Period	2006			Period	2007			Period	2008			Period	2009			Period	2010		
	C.F.S.	VAR.			C.F.S.	VAR.			C.F.S.	VAR.			C.F.S.	VAR.			C.F.S.	VAR.			C.F.S.	VAR.			C.F.S.	VAR.			C.F.S.	VAR.			C.F.S.	VAR.			C.F.S.	VAR.			C.F.S.	VAR.	
3-Jan	87.12	0.00		1-Jan	53.12	-1.14		7-Jan	38.22	-3.47		8-Jan	38.14	-1.04	B	5-Jan	29.43	-2.09		3-Jan	21.00	-1.02		2-Jan	0.00	-22.43		1-Jan	31.03	-2.70		7-Jan	31.07	-1.92		5-Jan	27.68	-1.88		4-Jan	17.70	-4.04	
10-Jan	83.03	-4.09	E	8-Jan	53.12	0.00		14-Jan	34.48	-1.74		13-Jan	34.23	-3.81		12-Jan	27.83	-1.00		10-Jan	20.82	-0.38		9-Jan	22.79	0.36		8-Jan	29.37	-1.08		14-Jan	28.93	-2.14		12-Jan	28.56	-1.13		11-Jan	18.85	0.05	
17-Jan	56.44	-4.59	E	15-Jan	53.12	0.00		21-Jan	32.28	-2.22		20-Jan	35.91	1.86		19-Jan	28.69	-1.14	A	17-Jan	18.21	-2.41		16-Jan	21.85	-1.11		15-Jan	28.34	-3.83		21-Jan	25.71	-3.22		18-Jan	21.12	-5.43		16-Jan	18.32	-0.33	
24-Jan	57.19	-1.25		22-Jan	48.91	-4.21		28-Jan	31.15	-1.11		27-Jan	31.37	-4.54		26-Jan	27.03	0.34		24-Jan	17.85	-0.35		23-Jan	20.87	-0.89		22-Jan	25.81	-0.73		28-Jan	24.58	-1.15		26-Jan	0.00	-21.12		25-Jan	15.77	-2.55	
31-Jan	57.19	0.00		29-Jan	48.97	-0.54	C	4-Feb	30.85	-0.50		30-Jan	31.08	0.32		29-Feb	24.80	-2.14		31-Jan	17.51	-0.34		30-Jan	19.31	-1.08		29-Jan	25.81	0.00		4-Feb	26.01	1.45		2-Feb	21.86	0.74		1-Feb	13.97	-1.80	
7-Feb	56.45	-1.74		5-Feb	47.84	-0.83		11-Feb	30.27	-0.38		10-Feb	32.08	0.37		9-Feb	23.03	-1.29		7-Feb	18.28	-1.23		6-Feb	18.87	0.59		5-Feb	23.58	-1.85		11-Feb	24.27	-1.74		9-Feb	21.84	-0.02		8-Feb	17.58	3.81	
14-Feb	52.88	-2.47		12-Feb	47.84	0.00		18-Feb	29.01	-1.28		17-Feb	31.08	-1.00		16-Feb	23.39	-0.21		14-Feb	18.70	-0.56		13-Feb	18.44	-1.23		12-Feb	22.83	-1.13		18-Feb	24.88	0.62		16-Feb	19.46	-0.45		15-Feb	15.40	-2.18	
21-Feb	51.45	-1.53		19-Feb	42.70	-4.85		25-Feb	27.40	-1.81	C	24-Feb	29.98	-1.19	C	23-Feb	22.78	-0.61		21-Feb	13.84	-1.86		20-Feb	18.40	-0.24		19-Feb	21.73	-1.10		25-Feb	23.25	-1.84		23-Feb	19.46	-0.45		22-Feb	15.30	-0.10	
28-Feb	53.51	2.16		26-Feb	41.20	-1.58		4-Mar	28.27	1.87		3-Mar	27.87	-2.09		1-Mar	21.37	-1.41		28-Feb	13.17	-0.67		27-Feb	15.01	-3.38		26-Feb	21.52	-0.21		3-Mar	22.25	-1.00		2-Mar	17.34	-2.12		1-Mar	12.67	-2.63	
5-Mar	49.36	-4.25		3-Mar	41.20	0.00		11-Mar	27.25	-2.02		10-Mar	27.08	0.11		8-Mar	21.29	-0.08		7-Mar	12.77	-0.40		6-Mar	17.59	2.58		5-Mar	20.51	-1.81		10-Mar	19.79	-2.48		9-Mar	17.74	0.40		8-Mar	14.87	2.20	
13-Mar	44.04	-5.32	E	12-Mar	41.20	0.00		18-Mar	25.70	-1.55		17-Mar	25.14	-1.84		16-Mar	19.32	-1.97		14-Mar	13.74	0.87		13-Mar	17.80	0.01		12-Mar	20.33	-0.18		17-Mar	19.79	0.00		16-Mar	14.01	-3.73		15-Mar	8.69	-6.78	
20-Mar	44.00	0.56		19-Mar	38.12	-3.08		25-Mar	24.83	-0.77		24-Mar	25.03	0.48		23-Mar	18.18	-0.16		21-Mar	12.19	-1.55		20-Mar	17.28	-0.32		19-Mar	19.90	-0.43		24-Mar	18.38	-1.43		23-Mar	0.00	-14.01		22-Mar	9.70	1.81	
27-Mar	44.00	0.00		26-Mar	38.84	-1.29		1-Apr	26.80	1.97		31-Mar	25.78	-0.87		29-Mar	18.48	-0.68		28-Mar	11.28	-0.83		27-Mar	14.98	-2.29		31-Mar	18.72	0.38		30-Mar	12.29	-1.72		29-Mar	11.04	1.34					
3-Apr	44.15	-0.45		2-Apr	34.11	-2.73		8-Apr	28.13	-0.67		7-Apr	23.29	-2.47		5-Apr	18.32	-0.16		4-Apr	11.70	0.44		3-Apr	13.89	0.90		2-Apr	18.19	-1.52		14-Apr	0.00	-17.04		13-Apr	10.77	0.14		12-Apr	7.52	-0.85	
10-Apr	43.83	-0.32		9-Apr	35.85	2.54	C	15-Apr	28.71	0.58		14-Apr	22.87	-0.42		12-Apr	17.31	-1.01		11-Apr	10.37	-1.33		10-Apr	14.85	1.78		9-Apr	18.19	-1.52		14-Apr	0.00	-17.04		13-Apr	10.77	0.14		12-Apr	7.52	-0.85	
17-Apr	43.38	-0.45		16-Apr	34.70	-1.88		22-Apr	28.71	0.00		21-Apr	21.48	-1.47		19-Apr	14.02	-3.29		18-Apr	9.52	-0.85		17-Apr	15.86	1.01		16-Apr	18.12	-0.46		21-Apr	18.22	-2.48		20-Apr	10.77	0.14		19-Apr	5.82	-1.70	
24-Apr	40.41	-2.87		23-Apr	34.70	-0.08		29-Apr	23.84	-2.87		28-Apr	18.48	-1.91		26-Apr	12.50	-1.52		25-Apr	8.02	-0.50		24-Apr	13.87	-1.29		23-Apr	14.04	-2.08		28-Apr	13.99	-2.23		27-Apr	8.29	-2.48		26-Apr	5.82	-1.70	
1-May	48.08	-0.35		30-Apr	31.82	-2.78		6-May	21.05	-0.79		5-May	18.59	0.10		3-May	12.70	0.20		2-May	9.40	0.38		1-May	14.86	1.19		30-Apr	14.34	0.30		5-May	12.97	-1.02		4-May	8.55	-1.73		3-May	6.58	0.74	
8-May	40.05	0.00		7-May	28.80	-3.42		13-May	18.58	-4.48		12-May	18.12	-0.47		10-May	11.38	-1.34		8-May	10.08	0.05		7-May	0.00	-14.80		12-May	10.89	-2.28		11-May	7.06	0.50		10-May	4.58	-1.87					
15-May	48.94	0.88		14-May	28.05	-2.44		20-May	17.40	0.81		19-May	20.80	1.88		17-May	13.21	1.85		16-May	10.74	0.88		15-May	11.11	-3.75		14-May	13.38	-1.45		19-May	8.08	-4.01		18-May	3.89	-3.17		17-May	2.85	-1.94	
22-May	40.54	0.00		21-May	25.80	0.83		27-May	21.38	3.98		26-May	10.37	-1.43		24-May	11.71	-1.50		23-May	11.88	1.12		22-May	10.79	-0.32		21-May	12.10	-1.28		26-May	5.30	-0.89		25-May	2.43	-1.48		24-May	4.38	1.73	
29-May	35.54	-6.40		28-May	22.88	-3.91		3-Jun	18.78	-4.88		2-Jun	18.58	-3.87		31-May	13.12	1.41		30-May	10.42	-1.44		29-May	9.22	-1.57		28-May	11.83	-0.27		2-Jun	8.87	3.48		1-Jun	0.87	-1.78		31-May	5.50	1.21	
5-Jun	35.54	0.00		4-Jun	20.58	-2.43		10-Jun	18.67	1.89		9-Jun	14.88	-1.84		7-Jun	11.09	-2.03		6-Jun	11.84	1.22		5-Jun	12.21	2.99		4-Jun	11.94	0.11		9-Jun	11.88	-1.01		8-Jun	0.87	5.40		7-Jun	8.28	2.67	
12-Jun	33.08	-1.88		11-Jun	20.85	0.00		17-Jun	18.18	-2.51		16-Jun	14.28	-0.48		14-Jun	11.82	0.53		13-Jun	8.64	-0.80		12-Jun	14.35	2.14		11-Jun	16.38	4.44		16-Jun	11.88	-1.01		15-Jun	8.54	-3.34		14-Jun	7.38	-0.80	
19-Jun	33.08	0.00		18-Jun	20.85	0.00		24-Jun	17.85	1.89		23-Jun	13.11	-1.08		21-Jun	11.54	-0.88		20-Jun	8.13	-0.91		19-Jun	14.31	-0.40		18-Jun	16.08	-0.29		23-Jun	8.54	-3.34		22-Jun	11.46	5.28		21-Jun	3.47	-3.89	
26-Jun	31.38	-2.52		25-Jun	18.64	-0.91		1-Jul	18.18	-1.89		30-Jun	13.81	0.50		28-Jun	10.00	-1.58		27-Jun	8.15	-1.88		26-Jun	13.11	-1.20		25-Jun	15.05	-1.94		30-Jun	8.86	-0.88		29-Jun	11.24	-0.22		28-Jun	4.00	0.53	
3-Jul	30.00	-0.76		2-Jul	21.82	2.18		8-Jul	18.18	0.00		7-Jul	11.38	-2.31		5-Jul	8.32	-3.88		4-Jul	7.48	1.31		3-Jul	11.58	-1.55		2-Jul	14.12	-0.93		7-Jul	8.10	0.24		6-Jul	8.56	-0.89		5-Jul	2.22	-1.78	
10-Jul	30.02	-0.55		9-Jul	22.98	0.76		15-Jul	18.53	-0.63		14-Jul	9.77	-1.93		12-Jul	9.59	3.27		11-Jul	7.88	0.42		10-Jul	12.30	0.80		9-Jul	17.52	3.40		14-Jul	8.33	0.29		13-Jul	7.17	-1.38		12-Jul	1.78	-0.44	
17-Jul	30.05	0.00		16-Jul	25.81	3.03		22-Jul	13.98	-1.54		21-Jul	11.38	1.93		19-Jul	10.77	1.18		18-Jul	5.34	-2.54		17-Jul	13.11	0.75		16-Jul	18.85	-0.57		21-Jul	4.38	-1.95		20-Jul	8.48	-0.89		19-Jul	1.81	-0.17	
24-Jul	33.08	3.01		23-Jul	28.27	2.88		28-Jul	17.51	3.82		28-Jul	13.25	1.95		26-Jul	11.08	0.31		25-Jul	5.82	0.28		24-Jul	13.80	0.82		23-Jul	17.85	0.70		28-Jul	8.74	2.38		27-Jul	7.18	0.70		26-Jul	1.00	-0.81	
31-Jul	33.08	0.00		30-Jul	28.27	0.00		5-Aug	22.22	4.71		4-Aug	14.48	1.21		2-Aug	13.37	2.29		1-Aug	7.64	2.02		31-Jul	18.43	1.58		30-Jul	16.38	0.74		4-Aug	8.91	2.17		3-Aug	7.19	0.01		2-Aug	2.35	1.35	
7-Aug	39.05	5.89		6-Aug	29.25	0.98		12-Aug	23.25	1.03		11-Aug	18.38	1.83		9-Aug	14.22	0.85		8-Aug	9.22	1.58		7-Aug	18.89	1.48		6-Aug	21.83	3.54													

CLEAR SPRINGS FOODS
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

299.7

DATE	Period Date	2010 C.F.S.	VAR.	*
07-Jan	4-Jan	299.33	-0.40	
14-Jan	11-Jan	299.33	0.00	A
21-Jan	18-Jan	299.33	0.00	A
28-Jan	25-Jan	299.33	0.00	A
04-Feb	1-Feb	299.88	0.55	
11-Feb	8-Feb	299.88	0.00	A
18-Feb	15-Feb	299.88	0.00	A
25-Feb	22-Feb	299.88	0.00	A
03-Mar	1-Mar	298.95	-0.93	
10-Mar	8-Mar	298.95	0.00	A
17-Mar	15-Mar	298.95	0.00	A
24-Mar	22-Mar	298.95	0.00	A
31-Mar	29-Mar	298.95	0.00	A
07-Apr	5-Apr	301.57	2.62	
14-Apr	12-Apr	301.57	0.00	A
21-Apr	19-Apr	301.57	0.00	A
28-Apr	26-Apr	301.57	0.00	A
05-May	3-May	301.57	0.00	A
12-May	10-May	301.57	0.00	A
19-May	17-May	298.14	-3.43	
26-May	24-May	298.14	0.00	A
02-Jun	31-May	298.14	0.00	A
09-Jun	7-Jun	298.14	0.00	A
16-Jun	14-Jun	298.14	0.00	
23-Jun	21-Jun	298.14	0.00	A
30-Jun	28-Jun	298.14	0.00	A
07-Jul	5-Jul	296.54	-1.60	
14-Jul	12-Jul	296.54	0.00	A
21-Jul	19-Jul	296.54	0.00	A
28-Jul	26-Jul	296.54	0.00	A
04-Aug	2-Aug	296.54	0.00	A
11-Aug	9-Aug	300.23	3.69	
18-Aug	16-Aug	300.23	0.00	A
25-Aug	23-Aug	283.00	-17.23	AB
01-Sep	30-Aug	283.00	0.00	AB
08-Sep	6-Sep	300.13	17.13	
15-Sep	13-Sep	300.13	0.00	A
22-Sep	20-Sep	300.13	0.00	A
29-Sep	27-Sep	300.13	0.00	A
06-Oct	4-Oct	296.41	-3.72	
13-Oct	11-Oct	296.41	0.00	A
20-Oct	18-Oct	296.41	0.00	A
27-Oct	25-Oct	296.41	0.00	A
03-Nov	1-Nov	296.41	0.00	A
10-Nov	8-Nov	296.41	0.00	A
17-Nov	15-Nov	296.41	0.00	A
24-Nov	22-Nov	296.41	0.00	A
01-Dec	29-Nov	296.41	0.00	A
08-Dec	6-Dec	296.41	0.00	A
15-Dec	13-Dec	296.41	0.00	A
22-Dec	20-Dec	298.28	1.87	
29-Dec	27-Dec	298.28	0.00	A

CLEAR SPRINGS FOODS INC.
BOX CANYON OVERFLOW
WATER FLOWS IN C.F.S.

Period	<----- 2010 ----->		
Date	C.F.S	VAR.	*
4-Jan	17.70	-4.04	
11-Jan	18.65	0.95	
18-Jan	18.32	-0.33	
25-Jan	15.77	-2.55	
1-Feb	13.97	-1.80	
8-Feb	17.58	3.61	
15-Feb	15.40	-2.18	
22-Feb	15.30	-0.10	
1-Mar	12.67	-2.63	
8-Mar	14.87	2.20	
15-Mar	8.09	-6.78	
22-Mar	9.70	1.61	
29-Mar	11.04	1.34	
5-Apr	9.15	-1.89	
12-Apr	8.37	-0.78	
19-Apr	7.52	-0.85	
26-Apr	5.82	-1.70	
3-May	6.56	0.74	
10-May	4.59	-1.97	
17-May	2.65	-1.94	
24-May	4.38	1.73	
31-May	5.59	1.21	
7-Jun	8.26	2.67	
14-Jun	7.36	-0.90	
21-Jun	3.47	-3.89	
28-Jun	4.00	0.53	
5-Jul	2.22	-1.78	
12-Jul	1.78	-0.44	
19-Jul	1.61	-0.17	
26-Jul	1.00	-0.61	est
2-Aug	2.35	1.35	
9-Aug	3.17	0.82	
16-Aug	4.75	1.58	
23-Aug	20.82	16.07	G
30-Aug	8.71	-12.11	
6-Sep	10.55	1.84	
13-Sep	13.24	2.69	
20-Sep	18.80	5.56	
27-Sep	23.35	4.55	
4-Oct	23.39	0.04	
11-Oct	31.18	7.79	
18-Oct	31.54	0.36	
25-Oct	34.60	3.06	
1-Nov	33.30	-1.30	
8-Nov	36.31	3.01	
15-Nov	32.30	-4.01	
22-Nov	32.48	0.18	
29-Nov	27.84	-4.64	
6-Dec	23.14	-4.70	
13-Dec	26.19	3.05	
20-Dec	25.10	-1.09	
27-Dec	23.53	-1.57	

Current meter measurement

Site: Box Canyon
 Date: 5/18/2010
 Time: 12:00 PM
 Staff gage readings:
 Instrument reading
 Personal: Sean Vincent, Jana Reeder, Corbin Knowles, Chuck Brockway Sr.
 Current Meter type: Swoffer

Discharge= **309.05** cfs
 Channel Width = 12.00 ft
 Average Velocity = 4.37 fps
 Total Channel Area = 71.70 ft²

	Distance (feet)	Depth of water (feet)	Velocity @ 0.2 (ft/sec)	Velocity @ 0.8 (ft/sec)	Mean Velocity in Vertical (ft/sec)	Width (ft)	Area (ft)	Discharge (cfs)	% of Total Flow (should be < 10%)	Notes
0.65	3.00	5.95	4.04	3.81	2.55	0.4	1.49	7.59	2%	Corrected for Verticle walls
	3.4	5.95	4.04	3.81	3.92	0.6	2.98	11.67	4%	
	4	5.95	4.33	4.25	4.29	0.5	3.27	14.03	5%	
	4.5	5.95	4.40	4.51	4.46	0.5	2.98	13.25	4%	
	5	5.95	4.58	4.79	4.68	0.5	2.98	13.93	5%	
	5.5	5.95	4.46	4.77	4.61	0.5	2.98	13.72	4%	
	6	5.95	4.53	4.78	4.66	0.5	2.98	13.85	4%	
	6.5	5.95	4.44	4.82	4.63	0.5	2.98	13.77	4%	
	7	5.95	4.46	4.77	4.61	0.5	2.98	13.72	4%	
	7.5	5.95	4.49	4.79	4.64	0.5	2.98	13.80	4%	
	8	5.95	4.22	4.64	4.43	0.5	2.98	13.17	4%	
	8.5	5.95	4.49	4.86	4.67	0.5	2.98	13.90	4%	
	9	5.95	4.52	4.78	4.65	0.5	2.98	13.83	4%	
	9.5	5.95	4.51	4.81	4.66	0.5	2.98	13.86	4%	
	10	5.95	4.46	4.74	4.60	0.5	2.98	13.68	4%	
	10.5	5.95	4.36	4.77	4.56	0.5	2.98	13.57	4%	
	11	5.95	4.35	4.76	4.55	0.5	2.98	13.54	4%	
	11.5	5.95	4.31	4.80	4.56	0.5	2.98	13.55	4%	
	12	5.95	4.07	4.66	4.36	0.5	2.98	12.98	4%	
	12.5	5.95	3.96	4.30	4.13	0.5	2.98	12.29	4%	
	13	5.95	3.72	4.06	3.89	0.5	2.98	11.57	4%	
	13.5	5.95	3.69	3.87	3.78	0.5	2.98	11.24	4%	
	14	5.95	3.51	3.34	3.43	0.5	2.98	10.19	3%	
	14.5	5.95	3.17	3.10	3.13	0.5	2.98	9.32	3%	
0.65	15	5.95	3.17	3.10	2.04	0.5	1.49	3.04	1%	Corrected for Verticle walls

Verticle wall correction interpolation 0.65
 based on USGS publication 2175 WSP Pg 82
 Distance to depth ratio

Field observations and raw data

Table:

ratio of distance from wall L1 to depth	mean ln vert. velocity at wall as fraction of mean in vertical velocity at distance L1
0	0.65
0.25	0.9
0.5	0.95
1	1

from page 82 USGS WSP 2175 Meas. Of stage and Discharge.

Ratio dist/depth
 0.067227

Current meter measurement

Site: Box Canyon
 Date: 5/18/2010
 Time: 12:00 PM
 Staff gage readings:
 Instrument reading
 Personal: Sean Vincent, Jana Reeder, Corbin Knowles, Chuck Brockway Sr.
 Current Meter type: Swoffer

Discharge= **309.05** cfs
 Channel Width = 12.00 ft
 Average Velocity = 4.37 fps
 Total Channel Area = 71.70 ft²

Distance (feet)	Depth of water (feet)	Velocity @ 0.2 (ft/sec)	Velocity @ 0.8 (ft/sec)	Mean Velocity in Vertical (ft/sec)	Width (ft)	Area (ft)	Discharge (cfs)	% of Total Flow (should be < 10%)	Notes
0.65	3.00	5.95	4.04	3.81	2.55	0.4	1.49	7.59	2% Corrected for Verticle walls
	3.4	5.95	4.04	3.81	3.92	0.6	2.98	11.67	4%
	4	5.95	4.33	4.25	4.29	0.5	3.27	14.03	5%
	4.5	5.95	4.40	4.51	4.46	0.5	2.98	13.25	4%
	5	5.95	4.58	4.79	4.68	0.5	2.98	13.93	5%
	5.5	5.95	4.46	4.77	4.61	0.5	2.98	13.72	4%
	6	5.95	4.53	4.78	4.66	0.5	2.98	13.85	4%
	6.5	5.95	4.44	4.82	4.63	0.5	2.98	13.77	4%
	7	5.95	4.46	4.77	4.61	0.5	2.98	13.72	4%
	7.5	5.95	4.49	4.79	4.64	0.5	2.98	13.80	4%
	8	5.95	4.22	4.64	4.43	0.5	2.98	13.17	4%
	8.5	5.95	4.49	4.86	4.67	0.5	2.98	13.90	4%
	9	5.95	4.52	4.78	4.65	0.5	2.98	13.83	4%
	9.5	5.95	4.51	4.81	4.66	0.5	2.98	13.86	4%
	10	5.95	4.46	4.74	4.60	0.5	2.98	13.68	4%
	10.5	5.95	4.36	4.77	4.56	0.5	2.98	13.57	4%
	11	5.95	4.35	4.76	4.55	0.5	2.98	13.54	4%
	11.5	5.95	4.31	4.80	4.56	0.5	2.98	13.55	4%
	12	5.95	4.07	4.66	4.36	0.5	2.98	12.98	4%
	12.5	5.95	3.96	4.30	4.13	0.5	2.98	12.29	4%
	13	5.95	3.72	4.06	3.89	0.5	2.98	11.57	4%
	13.5	5.95	3.69	3.87	3.78	0.5	2.98	11.24	4%
	14	5.95	3.51	3.34	3.43	0.5	2.98	10.19	3%
	14.5	5.95	3.17	3.10	3.13	0.5	2.98	9.32	3%
0.65	15	5.95	3.17	3.10	2.04	0.5	1.49	3.04	1% Corrected for Verticle walls

Verticle wall correction interpolation 0.65
 based on USGS publication 2175 WSP Pg 82
 Distance to depth ratio

Field observations and raw data

Table:

ratio of distance from wall L1 to depth	mean in vert. velocity at wall as fraction of mean in vertical velocity at distance L1
0	0.65
0.25	0.9
0.5	0.95
1	1

from page 82 USGS WSP 2175 Meas. Of stage and Discharge.

Ratio dls/depth
 0.067227

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Water District
DISCHARGE MEASUREMENT NOTES

Meas. No. _____
Comp. by _____
Checked by _____

Sta. No. _____

Date _____ Party _____
Width _____ Area _____ Vel. _____ G. H. _____ Disch. _____
Method _____ No. secs. _____ G. H. change _____ in _____ hrs. Susp. _____
Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____

GAGE READINGS				Type of meter _____
Time	Recorder	Inside	Outside	
				Date rated _____ for rod, other.
				Meter _____ ft. above bottom of weight.
				Spin before meas. _____ after _____
				Meas. plots _____ % diff. from rating _____
				Wading, cable, ice, boat, upstr., downstr., side
				bridge _____ feet, mile, above, below
				gage, and _____
				Check-bar, found _____
				changed to _____ at _____
				Correct _____
				Levels obtained _____
				Weighted M. G. H. _____
				G. H. correction _____
				Correct M. G. H. _____

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%), based on following conditions: Cross section _____

Flow _____ Weather _____

Other _____ Air _____ °F@ _____

Gage _____ Water _____ °F@ _____

Record removed _____ Intake flushed _____

Observer _____

Control _____

Remarks _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Water District
DISCHARGE MEASUREMENT NOTES

Meas. No. _____
Comp. by _____
Checked by _____

Sta. No. _____

Date 5/18/2010 Party Shawn Vincent, Corbin Knowles
Width 12 ft Area 71.70 Vel. 4.37 G. H. _____ Disch. 309.25
Method _____ No. secs. _____ G. H. change _____ in _____ hrs. Susp. _____
Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____

GAGE READINGS				Type of meter <u>SWOFFER</u>
Time	Recorder	Inside	Outside	
				Date rated _____ for rod, other.
				Meter _____ ft. above bottom of weight.
				Spin before meas. <u>01c</u> after <u>01c</u>
				Meas. plots _____ % diff. from rating _____
				Wading, cable, ice, boat, upstr., downstr., side
				bridge _____ feet, mile, above, below
				gage, and _____
				Check-bar, found _____
				changed to _____ at _____
				Correct _____
				Levels obtained _____
				Weighted M. G. H. _____
				G. H. correction _____
				Correct M. G. H. _____

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%), based on following conditions: Cross section _____

Flow _____ Weather _____

Other _____ Air _____ °F@ _____

Gage _____ Water _____ °F@ _____

Record removed _____ Intake flushed _____

Observer _____

Control _____

Remarks VERTICAL STEEL WALLS; used correction of 0.65

	11.0	5.95	2	4.38 4.31		4.35	11		
			8	4.84 4.67				13.54	.85
	11.5		2	4.24 4.37		4.31	11		
			8	4.83 4.77				13.55	.90
	12.0		2	4.16 3.97		4.07	11		
			8	4.57 4.74				12.48	.92
	12.5		2	4.01 3.90		3.96	11		
			8	4.23 4.37				12.29	.94
	13.0		2	3.71 3.66		3.72	11		
			8	3.97 4.14				11.57	.96
	13.5		2	3.68 3.70		3.69	11		
			8	3.84 3.89				11.24	.98
	14.0		2	3.47 3.55		3.51	11		
			8	3.27 3.41				10.19	.99
0	14.4		2	3.26 3.08		3.17	11		1.00
			8	3.16 3.03				9.32	
LEW	15.0						1.49		
								3.04	.99
TOTAL Q = 309.05									.98

REW	3'					3.40 3.75		1.49	7.59	
	3.4	5.95	2			4.04				.85
			8			3.808		2.98	11.67	
	4'		2			4.19 4.47	4.33			.90
			8			4.18 4.31		3.27	14.03	.92
	4.5		2			4.40 4.40	4.40			.94
			8			4.38 4.64		2.98	13.25	.96
	5.0		2			4.50 4.66	4.58			.97
			8			4.75 4.82		2.98	13.93	.98
	5.5		2			4.56 4.35	4.46			.99
			8			4.74 4.74		2.98	13.72	
	6.0		2			4.53 4.52	4.53			
			8			4.70 4.86		"	13.85	
	6.5		2			4.36 4.51	4.44			
0			8			4.83 4.81		11	13.77	1.00
	7.0		2			4.51 4.40	4.46			
			8			4.70 4.83		11	13.72	
	7.5		2			4.36 4.42	4.49			.99
			8			4.77 4.81		11	13.80	.98
	8.0		2			4.29 4.14	4.22			.97
			8			4.63 4.64		11	13.17	.96
	8.5		2			4.31 4.66	4.49			.94
			8			4.83 4.88		11	13.90	.92
	9.0		2			4.56 4.48	4.52			.90
			8			4.80 4.75		11	13.83	.85
	9.5		2			4.61 4.47	4.51			.80
			8			4.87 4.74		11	13.86	
	10.0		2			4.55 4.37	4.46			.85
			8			4.74 4.68		11	13.68	.80
	10.5		2			4.22 4.50	4.36			
			8			4.76 4.77		11	13.57	

STATE OF IDAHO
WATER DISTRICT 130
WATER MEASUREMENT ANNUAL REPORT

REPORTING YEAR 2009

RECEIVED
JAN 20 2010
DEPT. OF WATER RESOURCES
SOUTHERN REGION

OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE

ATTENTION: Year end data must be submitted to Water District 130, 1341 Fillmore St Ste 200, Twin Falls ID, 83301, on or before January 15, 2010.

Reporter ID/Name:	_____	JOHN R MACMILLAN	
Water Source:	_____	CLEAR SPRINGS FOODS	
Legal Description:	T _____	08S 14E S28 NES	
Site Tag No:	_____	BOX CANYON FARM	1/4 _____ 1/4
Diversion Name:	_____	A0001565 410032	9 _____

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right Owner

Please check for address correction ☐

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City unchanged

Mobile _____

State & Zip _____

e-mail _____

Operator or Contact Person (if different from owner)

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City unchanged

Mobile _____

State & Zip _____

e-mail _____

SECTION II Water Use Information

Crop

Acres

Non-Irrigation Use(s)

Total acres

Number of idled acres

SECTION III Water Measurement Log (*measurements must be recorded at least once per week and in units of cubic feet per second.*) **PLEASE SHOW TURN ON/TURN OFF DATES**

DAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30		-----				
31		-----		-----		-----

see attached

SECTION III Water Measurement Log (Continued). *(measurements must be recorded at least once per week and in units of cubic feet per second.)* **PLEASE SHOW TURN ON/TURN OFF DATES**

DAY	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31			-----		-----	

SECTION IV Measuring Device Information

A. Type & Description of Measuring Device(s): _____

unchanged

B. Attach copies of all measuring device rating tables to this report (omit if previously supplied).

SECTION V Modifications made to water system

Please describe in the space below any major modification made to the diversion works or measuring device during the reporting year.

none

SECTION VI Certification

I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

John R. MacMillan
Signature

VICE PRESIDENT
Title

1-17-10
Date

For Department Use Only

Reviewed by _____
Data entry by *Alm*

Date _____
Date *1/28/10*

January 13, 2010

Cindy Yenter
State of Idaho – Department of Water Resources
1341 Fillmore Street
Suite 200
Twin Falls Idaho. 83301-3380

Dear Cindy:

In March 1995, Tim Luke toured our facility with Max Woolley (Hatchery Manager), when he was shown the hydroelectric plant and it was explained how the kilowatt output readings were an excellent double check to our monthly water flow meter readings. Although the amount of power produced is reduced by debris in our influent waters, kilowatt output is essentially a direct result of water flow. As in previous years, I have included the records of the average kilowatts produced for the year in addition to the water flows in cfs.

Month of 2009	Average Gross Kilowatts	Percent Difference From Yearly Average
January	406.06	-0.42
February	407.14	-0.16
March	416.59	+2.16
April	398.89	-2.18
May	406.50	-0.31
June	405.62	-0.53
July	406.49	-0.32
August	407.53	-0.06
September	404.46	-0.82
October	60.22	-85.23
November	318.89	-21.80
December	418.56	+2.64
Average	407.78	+0.10

The months of October and November are not included in the calculation of the yearly average gross kilowatts production due to the fact that the hydroelectric plant was off line for repairs between the dates of 10/5/09 and 11/7/09.

The months of January through September and December show the average fluctuations due to debris and did not vary more than 2.64% from the average of these months.

Sincerely,
Mandi Eldridge – Assistant Farm Manager

Box Canyon Farm
Hydroelectric Operations Kilowatts Produced

Month	Average KW per Month	% from Year Average
Jan-00	427.98	1.38%
Feb-00	422.99	0.21%
Mar-00	428.88	1.11%
Apr-00	425.58	0.81%
May-00	421.51	-0.14%
Jun-00	421.11	-0.24%
Jul-00	423.88	0.36%
Aug-00	421.51	-0.14%
Sep-00	417.78	-1.04%
Oct-00	411.83	-2.50%
Nov-00	417.78	-1.04%
Dec-00	428.88	1.11%
Average	422.12	-0.01%

Month	Average KW per Month	% from Year Average
Jan-01	422.58	0.66%
Feb-01	425.00	1.23%
Mar-01	422.58	0.66%
Apr-01	424.44	1.10%
May-01	407.53	-3.01%
Jun-01	415.56	-1.02%
Jul-01	418.28	-0.36%
Aug-01	419.35	-0.10%
Sep-01	428.67	1.81%
Oct-01	410.75	-2.20%
Nov-01	418.67	-0.75%
Dec-01	427.98	1.91%
Average	419.78	-0.02%

Month	Average KW per Month	% from Year Average
Jan-02	429.03	1.79%
Feb-02	428.19	1.13%
Mar-02	430.11	2.03%
Apr-02	421.11	-0.08%
May-02	417.20	-1.00%
Jun-02	418.67	-1.13%
Jul-02	421.51	0.03%
Aug-02	425.81	1.04%
Sep-02	410.00	-2.77%
Oct-02	410.75	-2.58%
Nov-02	422.22	0.20%
Dec-02	425.81	1.04%
Average	421.37	-0.02%

Month	Average KW per Month	% from Year Average
Jan-03	427.98	1.90%
Feb-03	428.57	2.03%
Mar-03	421.51	0.39%
Apr-03	420.00	0.04%
May-03	421.51	0.39%
Jun-03	415.56	-1.03%
Jul-03	415.05	-1.16%
Aug-03	418.28	-0.38%
Sep-03	415.56	-1.03%
Oct-03	412.90	-1.68%
Nov-03	413.33	-1.58%
Dec-03	427.98	1.90%
Average	419.85	-0.02%

Month	Average KW per Month	% from Year Average
Jan-04	428.88	2.47%
Feb-04	422.99	1.57%
Mar-04	421.51	1.23%
Apr-04	414.44	-0.46%
May-04	401.08	-3.80%
Jun-04	414.44	-0.46%
Jul-04	417.20	0.21%
Aug-04	416.13	-0.05%
Sep-04	417.78	0.35%
Oct-04	408.45	-2.43%
Nov-04	418.67	0.08%
Dec-04	420.43	0.97%
Average	416.33	-0.03%

Month	Average KW per Month	% from Year Average
Jan-05	422.58	2.89%
Feb-05	420.24	2.35%
Mar-05	416.13	1.39%
Apr-05	410.00	-0.09%
May-05	411.83	0.36%
Jun-05	402.22	-2.02%
Jul-05	403.23	-1.77%
Aug-05	408.60	-0.43%
Sep-05	403.33	-1.74%
Oct-05	400.00	-2.59%
Nov-05	407.78	-0.63%
Dec-05	418.28	1.90%
Average	410.35	-0.03%

Month	Average KW per Month	% from Year Average
Jan-06	418.28	2.37%
Feb-06	417.88	2.27%
Mar-06	408.60	0.06%
Apr-06	417.78	2.25%
May-06	409.68	0.32%
Jun-06	394.44	-3.53%
Jul-06	402.15	-1.54%
Aug-06	412.90	1.10%
Sep-06	405.58	-0.69%
Oct-06	395.70	-3.20%
Nov-06	405.58	-0.69%
Dec-06	411.83	0.84%
Average	408.38	-0.04%

Month	Average KW per Month	% from Year Average
Jan-07	410.78	1.30%
Feb-07	412.38	1.87%
Mar-07	414.54	2.19%
Apr-07	411.29	1.42%
May-07	406.62	0.29%
Jun-07	408.72	0.31%
Jul-07	405.42	-0.01%
Aug-07	406.45	0.24%
Sep-07	404.60	-0.21%
Oct-07	388.17	-4.45%
Nov-07	382.08	-3.42%
Dec-07	406.45	0.24%
Average	405.46	-0.04%

Month	Average KW per Month	% from Year Average
Jan-08	407.98	0.64%
Feb-08	408.78	0.83%
Mar-08	411.72	1.54%
Apr-08	408.91	0.87%
May-08	402.32	-0.78%
Jun-08	400.00	-1.34%
Jul-08	402.16	-0.80%
Aug-08	408.06	0.17%
Sep-08	409.60	1.03%
Oct-08	395.88	-2.45%
Nov-08	405.01	-0.09%
Dec-08	408.21	0.21%
Average	405.37	-0.01%

Month	Average KW per Month	% from Year Average
Jan-09	408.08	-0.42%
Feb-09	407.14	-0.18%
Mar-09	416.59	2.16%
Apr-09	398.89	-2.18%
May-09	406.50	-0.31%
Jun-09	405.62	-0.53%
Jul-09	406.49	-0.32%
Aug-09	407.53	-0.06%
Sep-09	404.46	-0.82%
Oct-09	60.22	-85.23%
Nov-09	318.89	-21.80%
Dec-09	418.56	2.84%
Average	407.78	0.10%

October and November 2009 are not included in the calculation of the 2009 average because the the hydro electric plant was off line from 10/5/09 through 11/7/09.

Note: VAR is to previous reading

CLEAR SPRINGS FOODS INC
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

Note: VAR is to previous reading

CLEAR SPRINGS FOODS INC
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

Note: VAR is to previous reading
UPDATE DATE
01/15/10

DATE	Period	2001			2002			2003			2004			2005			2006			2007			2008			2009			2010										
		C.F.S	VAR.	Date	C.F.S	VAR.	Date	C.F.S	VAR.	Date	C.F.S	VAR.	Date	C.F.S	VAR.	Date	C.F.S	VAR.	Date	C.F.S	VAR.	Date	C.F.S	VAR.	Date	C.F.S	VAR.	Date											
07-Jan	1-Jan	299.33	0.00	A	7-Jan	299.26	0.00	A	6-Jan	301.48	0.00	A	5-Jan	298.50	0.00	A	3-Jan	299.27	0.00	A	2-Jan	297.04	-1.55	1-Jan	296.87	0.00	A	7-Jan	298.80	-0.92	5-Jan	297.65	2.45	4-Jan	0.00	0.00			
14-Jan	8-Jan	299.33	0.00	A	14-Jan	299.26	0.00	A	13-Jan	301.48	0.00	A	12-Jan	298.50	0.00	A	10-Jan	299.27	0.00	A	9-Jan	297.04	0.00	A	8-Jan	296.87	0.00	A	14-Jan	298.80	0.00	A	12-Jan	297.65	0.00	A	11-Jan	0.00	0.00
21-Jan	15-Jan	299.33	0.00	A	21-Jan	299.26	0.00	A	20-Jan	301.48	0.00	A	19-Jan	298.50	0.00	A	17-Jan	299.27	0.00	A	16-Jan	297.04	0.00	A	15-Jan	296.87	0.00	A	21-Jan	298.80	0.00	A	19-Jan	297.65	0.00	A	18-Jan	0.00	0.00
28-Jan	22-Jan	299.33	0.00	A	28-Jan	299.26	0.00	A	27-Jan	301.48	0.00	A	26-Jan	298.50	0.00	A	24-Jan	299.27	0.00	A	23-Jan	297.04	0.00	A	22-Jan	296.87	0.00	A	28-Jan	298.80	0.00	A	26-Jan	297.65	0.00	A	25-Jan	0.00	0.00
04-Feb	29-Jan	299.33	0.00	A	4-Feb	299.26	0.00	A	3-Feb	301.48	0.00	A	2-Feb	298.50	0.00	A	31-Jan	299.27	0.00	A	30-Jan	296.30	-0.74	29-Jan	299.47	0.00	A	4-Feb	298.93	0.13	2-Feb	297.65	0.00	A	1-Feb	0.00	0.00		
11-Feb	5-Feb	299.33	0.00	A	11-Feb	299.26	0.00	A	10-Feb	301.48	0.00	A	9-Feb	298.50	0.00	A	7-Feb	299.27	0.00	A	6-Feb	296.30	0.00	A	5-Feb	299.47	0.00	A	11-Feb	298.93	0.00	A	9-Feb	297.83	0.18	8-Feb	0.00	0.00	
18-Feb	12-Feb	299.33	0.00	A	18-Feb	299.26	0.00	A	17-Feb	301.48	0.00	A	16-Feb	298.50	0.00	A	14-Feb	299.27	0.00	A	13-Feb	296.30	0.00	A	12-Feb	298.93	-1.06	18-Feb	298.93	0.00	A	16-Feb	297.83	0.00	A	15-Feb	0.00	0.00	
25-Feb	19-Feb	298.15	-1.18	25-Feb	299.26	0.00	A	24-Feb	299.26	-2.22	23-Feb	298.50	0.00	A	21-Feb	299.27	0.00	A	20-Feb	296.30	0.00	A	19-Feb	298.93	0.00	A	25-Feb	298.93	0.00	A	23-Feb	297.83	0.00	A	22-Feb	0.00	0.00		
03-Mar	26-Feb	298.15	0.00	A	4-Mar	299.26	0.00	A	3-Mar	299.26	0.00	A	1-Mar	297.76	-0.74	28-Feb	299.27	0.00	A	27-Feb	296.30	0.00	A	26-Feb	298.93	0.00	A	3-Mar	298.93	0.00	A	2-Mar	295.33	-2.50	1-Mar	0.00	0.00		
10-Mar	5-Mar	298.15	0.00	A	11-Mar	299.26	0.00	A	10-Mar	299.26	0.00	A	8-Mar	297.76	0.00	A	7-Mar	299.27	0.00	A	6-Mar	297.06	0.76	5-Mar	296.43	-1.98	10-Mar	298.78	-0.15	9-Mar	295.33	0.00	A	8-Mar	0.00	0.00			
17-Mar	12-Mar	298.15	0.00	A	18-Mar	299.26	0.00	A	17-Mar	299.26	0.00	A	15-Mar	297.76	0.00	A	14-Mar	299.27	0.00	A	13-Mar	296.30	-0.76	12-Mar	298.43	0.00	A	17-Mar	298.78	0.00	A	16-Mar	295.33	0.00	A	15-Mar	0.00	0.00	
24-Mar	19-Mar	298.15	0.00	A	25-Mar	299.26	0.00	A	24-Mar	299.26	0.00	A	22-Mar	297.76	0.00	A	21-Mar	299.27	0.00	A	20-Mar	296.30	0.00	A	19-Mar	298.43	0.00	A	24-Mar	298.78	0.00	A	23-Mar	295.33	0.00	A	22-Mar	0.00	0.00
31-Mar	26-Mar	298.15	0.00	A	1-Apr	299.26	0.00	A	31-Mar	299.26	0.00	A	29-Mar	297.76	0.00	A	28-Mar	299.27	0.00	A	27-Mar	296.30	0.00	A	26-Mar	298.43	0.00	A	31-Mar	298.78	0.00	A	30-Mar	295.33	0.00	A	29-Mar	0.00	0.00
07-Apr	2-Apr	298.15	0.00	A	8-Apr	299.26	0.00	A	7-Apr	299.26	0.00	A	5-Apr	297.76	0.00	A	4-Apr	299.27	0.00	A	3-Apr	296.92	0.62	2-Apr	296.43	0.00	A	7-Apr	298.78	0.00	A	6-Apr	297.67	2.34	5-Apr	0.00	0.00		
14-Apr	9-Apr	298.15	0.00	A	15-Apr	299.26	0.00	A	14-Apr	299.26	0.00	A	12-Apr	297.76	0.00	A	11-Apr	299.27	0.00	A	10-Apr	296.30	-0.62	9-Apr	296.88	0.45	14-Apr	298.78	-2.68	13-Apr	297.67	0.00	A	12-Apr	0.00	0.00			
21-Apr	16-Apr	298.15	0.00	A	22-Apr	298.15	-1.11	21-Apr	299.26	0.00	A	19-Apr	297.76	0.00	A	18-Apr	299.27	0.00	A	17-Apr	296.30	0.00	A	16-Apr	298.88	0.00	A	21-Apr	298.78	0.00	A	20-Apr	297.67	0.00	A	19-Apr	0.00	0.00	
28-Apr	23-Apr	302.22	4.07	29-Apr	298.15	0.00	A	28-Apr	299.26	0.00	A	26-Apr	297.76	0.00	A	25-Apr	299.27	0.00	A	24-Apr	296.30	0.00	A	23-Apr	298.88	0.00	A	28-Apr	298.78	0.00	A	27-Apr	297.67	0.00	A	26-Apr	0.00	0.00	
05-May	30-Apr	302.22	0.00	A	6-May	298.15	0.00	A	5-May	299.26	0.00	A	3-May	297.76	0.00	A	2-May	299.27	0.00	A	1-May	299.63	3.33	30-Apr	297.56	0.68	5-May	297.57	1.47	4-May	296.67	-1.00	3-May	0.00	0.00				
12-May	7-May	302.22	0.00	A	13-May	298.15	0.00	A	12-May	299.26	0.00	A	10-May	296.66	-1.10	9-May	299.27	0.00	A	8-May	299.63	0.00	A	7-May	297.56	0.00	A	12-May	297.57	0.00	A	11-May	296.67	0.00	A	10-May	0.00	0.00	
19-May	14-May	302.22	0.00	A	20-May	298.15	0.00	A	19-May	299.26	0.00	A	17-May	296.66	0.00	A	16-May	299.27	0.00	A	15-May	299.63	0.00	A	14-May	297.56	0.00	A	19-May	297.57	0.00	A	18-May	296.67	0.00	A	17-May	0.00	0.00
26-May	21-May	302.22	0.00	A	27-May	298.15	0.00	A	26-May	299.26	0.00	A	24-May	296.66	0.00	A	23-May	299.27	0.00	A	22-May	299.63	0.00	A	21-May	297.56	0.00	A	26-May	297.57	0.00	A	25-May	296.67	0.00	A	24-May	0.00	0.00
02-Jun	28-May	302.22	0.00	A	3-Jun	298.15	0.00	A	2-Jun	299.26	0.00	A	31-May	295.93	-0.73	30-May	298.03	-1.24	29-May	299.63	0.00	A	28-May	297.56	0.00	A	2-Jun	297.57	0.00	A	1-Jun	296.73	0.06	31-May	0.00	0.00			
09-Jun	4-Jun	302.22	0.00	A	10-Jun	298.15	0.00	A	9-Jun	299.26	0.00	A	7-Jun	295.93	0.00	A	6-Jun	298.03	0.00	A	5-Jun	297.51	-2.12	4-Jun	297.56	0.00	A	9-Jun	297.57	1.00	8-Jun	296.73	0.00	A	7-Jun	0.00	0.00		
16-Jun	11-Jun	302.22	0.00	A	17-Jun	298.15	0.00	A	16-Jun	297.78	-1.48	14-Jun	295.93	0.00	A	13-Jun	298.03	0.00	A	12-Jun	297.51	0.00	A	11-Jun	297.56	0.00	A	16-Jun	298.78	0.00	A	15-Jun	296.73	0.00	A	14-Jun	0.00	0.00	
23-Jun	18-Jun	302.22	0.00	A	24-Jun	298.52	0.37	23-Jun	297.78	0.00	A	21-Jun	295.93	0.00	A	20-Jun	298.03	0.00	A	19-Jun	297.51	0.00	A	18-Jun	297.56	-0.41	23-Jun	298.78	0.00	A	22-Jun	296.73	0.00	A	21-Jun	0.00	0.00		
30-Jun	25-Jun	298.89	-3.33	1-Jul	298.52	0.00	A	30-Jun	297.78	0.00	A	28-Jun	295.93	0.00	A	27-Jun	298.03	0.00	A	26-Jun	297.51	0.00	A	25-Jun	297.56	0.41	30-Jun	298.78	0.00	A	29-Jun	296.73	0.00	A	28-Jun	0.00	0.00		
07-Jul	2-Jul	298.89	0.00	A	8-Jul	298.52	0.00	A	7-Jul	297.78	0.00	A	5-Jul	295.93	0.00	A	4-Jul	298.03	0.00	A	3-Jul	297.51	0.00	A	2-Jul	297.56	0.00	A	7-Jul	298.82	0.25	6-Jul	295.05	-1.88	5-Jul	0.00	0.00		
14-Jul	9-Jul	298.89	0.00	A	15-Jul	298.52	0.00	A	14-Jul	297.78	0.00	A	12-Jul	296.52	2.59	11-Jul	298.03	0.00	A	10-Jul	297.51	0.00	A	9-Jul	297.56	0.00	A	14-Jul	298.82	0.00	A	13-Jul	295.05	0.00	A	12-Jul	0.00	0.00	
21-Jul	16-Jul	298.89	0.00	A	22-Jul	298.52	0.00	A	21-Jul	297.78	0.00	A	19-Jul	296.52	0.00	A	18-Jul	298.03	0.00	A	17-Jul	297.51	0.00	A	16-Jul	298.38	0.82	21-Jul	298.82	0.00	A	20-Jul	295.05	0.00	A	19-Jul	0.00	0.00	
28-Jul	23-Jul	298.89	0.00	A	29-Jul	298.52	0.00	A	28-Jul	298.52	0.74	26-Jul	296.52	0.00	A	25-Jul	298.03	0.00	A	24-Jul	297.51	0.00	A	23-Jul	298.38	0.00	A	28-Jul	298.82	0.00	A	27-Jul	295.05	0.00	A	26-Jul	0.00	0.00	
04-Aug	30-Jul	298.89	0.00	A	5-Aug	298.52	0.00	A	4-Aug	298.52	0.00	A	2-Aug	296.52	0.00	A	1-Aug	298.03	0.00	A	31-Jul	297.51	0.00	A	30-Jul	298.38	0.00	A	4-Aug	298.66	-2.96	3-Aug	296.58	1.53	2-Aug	0.00	0.00		
11-Aug	6-Aug	298.89	0.00	A	12-Aug	298.52	0.00	A																															

DE

STATE OF IDAHO
WATER DISTRICT 130
WATER MEASUREMENT ANNUAL REPORT

REPORTING YEAR 2008

RECEIVED
JAN 28 2009
DEPT. OF WATER RESOURCES
SOUTHERN REGION

OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE

ATTENTION: Year end data must be submitted to Water District 130, 1341 Fillmore St Ste 200, Twin Falls ID, 83301, on or before January 31, 2009.

Reporter ID/Name:	<u>JOHN MacMillan</u>		
Water Source:	<u>CLEAR SPRINGS FOODS</u>		
Legal Description:	<u>T</u>	<u>BOX CANYON FARM</u>	
Site Tag No:	<u>A0001565</u>	<u>410032</u>	<u>9</u>
Diversion Name:			<u>1/4</u> <u>1/4</u>

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right Owner

Please check for address correction ☐

Name Clear Springs Foods, Inc.

Phone 208-543-3456

Address P.O. Box 712

Fax 543-4146

City Buhl

Mobile _____

State & Zip Id 83316

e-mail _____

Operator or Contact Person (if different from owner)

Name MacMillan, JOHN, R

Phone 208-543-3456

Address P.O. Box 712

Fax 543-4146

City Buhl

Mobile _____

State & Zip Id 83316

e-mail randy@clearsprings.com

SECTION II Water Use Information

Crop	Acres	Non-Irrigation Use(s)
_____	_____	_____
_____	_____	_____
_____	_____	_____
Total acres	_____	_____

Number of idled acres _____

SECTION III Water Measurement Log (*measurements must be recorded at least once per week and in units of cubic feet per second.*) **PLEASE SHOW TURN ON/TURN OFF DATES**

DAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
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22						
23						
24						
25						
26						
27						
28						
29						
30		-----				
31		-----		-----		-----

SECTION III Water Measurement Log (Continued). *(measurements must be recorded at least once per week and in units of cubic feet per second.)* **PLEASE SHOW TURN ON/TURN OFF DATES**

DAY	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
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16						
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28						
29						
30						
31			-----		-----	

SECTION IV Measuring Device Information

A. Type & Description of Measuring Device(s): _____

4 inch Flow meter

B. Attach copies of all measuring device rating tables to this report (omit if previously supplied).

SECTION V Modifications made to water system

Please describe in the space below any major modification made to the diversion works or measuring device during the reporting year.

None

SECTION VI Certification

I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

John R. MacMillan Vice President
Signature Title

1-21-09
Date

For Department Use Only

Reviewed by _____
Data entry by C. J. J.

Date _____
Date 5/5/09

CLEAR SPRINGS FOODS INC
BOX CANYON HATCHERY
WATER FLOWS IN C F S

Box Company

THIS COLUMN

DATE	1995		1996		1997		1998		WEEK OF	1999		2000		2001		2002		2003		2004		2005		2006		2007		2008												
	C.F.S.	VAR	C.F.S.	VAR	C.F.S.	VAR	C.F.S.	VAR		C.F.S.	VAR	C.F.S.	VAR	C.F.S.	VAR	C.F.S.	VAR	C.F.S.	VAR	C.F.S.	VAR	C.F.S.	VAR	C.F.S.	VAR	C.F.S.	VAR	C.F.S.	VAR											
07-Jan	294.07	0.00	A	296.39	0.00	A	298.18	0.00	A	298.50	0.00	A	298.26	0.00	A	298.33	0.00	A	298.26	0.00	A	301.48	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	-1.55	298.87	0.00	A	298.80	-0.82			
14-Jan	294.07	0.00	A	296.39	0.00	A	298.18	0.00	A	298.50	0.00	A	298.26	0.00	A	298.33	0.00	A	298.26	0.00	A	301.48	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00		
21-Jan	294.07	0.00	A	296.39	0.00	A	298.18	0.00	A	298.50	0.00	A	298.26	0.00	A	298.33	0.00	A	298.26	0.00	A	301.48	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00		
28-Jan	294.07	0.00	A	296.39	0.00	A	298.18	0.00	A	298.50	0.00	A	298.26	0.00	A	298.33	0.00	A	298.26	0.00	A	301.48	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00		
04-Feb	294.07	0.00	A	295.11	-1.28	298.89	0.00	A	298.50	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	301.48	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00			
11-Feb	294.07	0.00	A	295.11	0.00	A	298.89	0.00	A	298.50	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	301.48	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00		
18-Feb	294.07	0.00	A	295.11	0.00	A	298.89	0.00	A	298.50	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	301.48	0.00	A	298.50	0.00	A	298.27	0.00	A	298.30	-0.74	298.47	0.00	A	298.87	0.13
25-Feb	298.89	2.78	295.11	0.00	A	298.89	0.00	A	298.15	-0.35	15-Feb	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	301.48	0.00	A	298.50	0.00	A	298.27	0.00	A	298.30	-0.74	298.47	0.00	A	298.87	0.13	
03-Mar	298.89	0.00	A	295.11	0.00	A	298.89	0.00	A	298.15	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	301.48	0.00	A	298.50	0.00	A	298.27	0.00	A	298.30	-0.74	298.47	0.00	A	298.87	0.13
10-Mar	298.89	0.00	A	295.11	0.00	A	297.77	-1.12	A	298.15	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	298.30	-0.74	298.47	0.00	A	298.87	0.13			
17-Mar	298.89	0.00	A	295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	298.30	-0.74	298.47	0.00	A	298.87	0.13			
24-Mar	294.72	-2.11	295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	298.30	-0.74	298.47	0.00	A	298.87	0.13				
31-Mar	294.72	0.00	A	297.77	0.00	A	298.15	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	298.30	-0.74	298.47	0.00	A	298.87	0.13						
07-Apr	294.72	0.00	A	297.77	0.00	A	298.15	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	298.30	-0.74	298.47	0.00	A	298.87	0.13						
14-Apr	294.72	0.00	A	297.77	0.00	A	298.15	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	298.30	-0.74	298.47	0.00	A	298.87	0.13						
21-Apr	292.38	-2.34	295.87	0.00	A	297.77	0.00	A	298.15	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	298.30	-0.74	298.47	0.00	A	298.87	0.13				
28-Apr	294.72	0.00	A	297.77	0.00	A	298.15	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	298.30	-0.74	298.47	0.00	A	298.87	0.13						
05-May	294.72	0.00	A	297.77	0.00	A	298.15	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	298.30	-0.74	298.47	0.00	A	298.87	0.13						
12-May	294.72	0.00	A	297.77	0.00	A	298.15	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	298.30	-0.74	298.47	0.00	A	298.87	0.13						
19-May	294.72	0.00	A	297.77	0.00	A	298.15	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	298.30	-0.74	298.47	0.00	A	298.87	0.13						
26-May	294.72	0.00	A	297.77	0.00	A	298.15	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	298.30	-0.74	298.47	0.00	A	298.87	0.13						
02-Jun	294.53	0.00	A	296.87	0.00	A	298.22	0.43	298.89	0.00	A	298.50	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00			
09-Jun	294.53	0.00	A	296.87	0.00	A	298.22	0.00	A	298.50	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00		
16-Jun	294.53	0.00	A	296.87	0.00	A	298.22	0.00	A	298.50	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00		
23-Jun	294.53	0.00	A	297.78	1.91	298.22	0.00	A	298.50	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00			
30-Jun	294.53	0.00	A	297.78	0.00	A	298.22	0.00	A	298.50	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00		
07-Jul	294.53	0.00	A	297.78	0.00	A	298.22	0.00	A	298.50	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00		
14-Jul	294.53	0.00	A	297.78	0.00	A	298.22	0.00	A	298.50	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00		
21-Jul	294.81	0.28	297.78	0.00	A	298.22	0.00	A	298.50	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00			
28-Jul	294.81	0.00	A	297.78	0.00	A	298.22	0.00	A	298.50	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00		
04-Aug	294.81	0.00	A	297.78	0.00	A	298.22	0.00	A	298.50	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00		
11-Aug	294.81	0.00	A	297.78	0.00	A	298.22	0.00	A	298.50	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00		
18-Aug	294.81	0.00	A	297.78	0.00	A	298.22	0.00	A	298.50	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00		
25-Aug	294.56	-0.25	297.73	0.05	298.50	0.00	A	298.52	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00				
01-Sep	294.56	0.00	A	297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00		
08-Sep	294.56	0.00	A	297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0.00	A	298.80	0.00		
15-Sep	294.56	0.00	A	297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	298.26	0.00	A	297.41	0.00	A	298.33	0.00	A	298.26	0.00	A	298.50	0.00	A	298.27	0.00	A	297.04	0.00	A	298.87	0					

Cindy Yenter
State of Idaho - Department of Water Resources
1341 Fillmore Street
Suite 200
Twin Falls, Idaho. 83301-3380

January 19, 2009

Dear Cindy:

When Tim Luke toured the Box Canyon facility in March 1995, he was shown our hydroelectric plant and explained how the kilowatt output readings were an excellent double check to our monthly water flow meter readings. Although the amount of power produced is reduced by debris in our influent waters, kilowatt output is essentially a direct result of water flow. The monthly records of average kilowatts produced for the year just completed at Box Canyon are listed below.

Month of 2008	Average Gross Kilowatts	Percent Difference from Yearly Average
January	407.98	.64%
February	408.78	.83%
March	411.72	1.54%
April	408.91	.87%
May	402.32	-.76%
June	400.00	-1.34%
July	402.16	-.80%
August	406.06	.17%
September	409.60	1.03%
October	395.66	-2.45%
November	405.01	-.09%
December	406.21	.21%
Average	405.37	-0.01%

While there were highs and lows due to debris, no monthly average varied more than 2.54% from the years overall average.

Sincerely,

Tom Scott - Farm Manager

Box Canyon Farm
Hydroelectric Operations Kilowatts Produced

Month	Average KW per Month	% from Year Average
Jan-00	427.96	1.36%
Feb-00	422.99	0.21%
Mar-00	426.88	1.11%
Apr-00	425.56	0.81%
May-00	421.51	-0.14%
Jun-00	421.11	-0.24%
Jul-00	423.66	0.36%
Aug-00	421.51	-0.14%
Sep-00	417.78	-1.04%
Oct-00	411.83	-2.50%
Nov-00	417.78	-1.04%
Dec-00	426.88	1.11%
Average	422.12	-0.01%

Month	Average KW per Month	% from Year Average
Jan-01	422.58	0.66%
Feb-01	425.00	1.23%
Mar-01	422.58	0.66%
Apr-01	424.44	1.10%
May-01	407.53	-3.01%
Jun-01	415.56	-1.02%
Jul-01	418.28	-0.36%
Aug-01	419.35	-0.10%
Sep-01	426.67	1.61%
Oct-01	410.75	-2.20%
Nov-01	416.67	-0.75%
Dec-01	427.96	1.91%
Average	419.78	-0.02%

Month	Average KW per Month	% from Year Average
Jan-02	429.03	1.79%
Feb-02	426.19	1.13%
Mar-02	430.11	2.03%
Apr-02	421.11	-0.06%
May-02	417.20	-1.00%
Jun-02	416.67	-1.13%
Jul-02	421.51	0.03%
Aug-02	425.81	1.04%
Sep-02	410.00	-2.77%
Oct-02	410.75	-2.58%
Nov-02	422.22	0.20%
Dec-02	425.81	1.04%
Average	421.37	-0.02%

Month	Average KW per Month	% from Year Average
Jan-03	427.96	1.90%
Feb-03	428.57	2.03%
Mar-03	421.51	0.39%
Apr-03	420.00	0.04%
May-03	421.51	0.39%
Jun-03	415.56	-1.03%
Jul-03	415.05	-1.16%
Aug-03	418.28	-0.36%
Sep-03	415.56	-1.03%
Oct-03	412.90	-1.68%
Nov-03	413.33	-1.58%
Dec-03	427.96	1.90%
Average	419.85	-0.02%

Month	Average KW per Month	% from Year Average
Jan-04	426.88	2.47%
Feb-04	422.99	1.57%
Mar-04	421.51	1.23%
Apr-04	414.44	-0.46%
May-04	401.08	-3.80%
Jun-04	414.44	-0.46%
Jul-04	417.20	0.21%
Aug-04	416.13	-0.05%
Sep-04	417.78	0.35%
Oct-04	406.45	-2.43%
Nov-04	416.67	0.08%
Dec-04	420.43	0.97%
Average	416.33	-0.03%

Month	Average KW per Month	% from Year Average
Jan-05	422.58	2.89%
Feb-05	420.24	2.35%
Mar-05	416.13	1.39%
Apr-05	410.00	-0.09%
May-05	411.83	0.36%
Jun-05	402.22	-2.02%
Jul-05	403.23	-1.77%
Aug-05	408.60	-0.43%
Sep-05	403.33	-1.74%
Oct-05	400.00	-2.59%
Nov-05	407.78	-0.63%
Dec-05	418.28	1.90%
Average	410.35	-0.03%

Month	Average KW per Month	% from Year Average
Jan-06	418.28	2.37%
Feb-06	417.86	2.27%
Mar-06	408.60	0.06%
Apr-06	417.78	2.25%
May-06	409.68	0.32%
Jun-06	394.44	-3.53%
Jul-06	402.15	-1.54%
Aug-06	412.90	1.10%
Sep-06	405.56	-0.69%
Oct-06	395.70	-3.20%
Nov-06	405.56	-0.69%
Dec-06	411.83	0.84%
Average	408.36	-0.04%

Month	Average KW per Month	% from Year Average
Jan-07	410.78	1.30%
Feb-07	412.36	1.67%
Mar-07	414.54	2.19%
Apr-07	411.29	1.42%
May-07	406.62	0.29%
Jun-07	406.72	0.31%
Jul-07	405.42	-0.01%
Aug-07	406.45	0.24%
Sep-07	404.60	-0.21%
Oct-07	388.17	-4.45%
Nov-07	392.06	-3.42%
Dec-07	406.45	0.24%
Average	405.46	-0.04%

Month	Average KW per Month	% from Year Average
Jan-08	407.98	0.64%
Feb-08	408.78	0.83%
Mar-08	411.72	1.54%
Apr-08	408.91	0.87%
May-08	402.32	-0.76%
Jun-08	400.00	-1.34%
Jul-08	402.16	-0.80%
Aug-08	406.06	0.17%
Sep-08	409.60	1.03%
Oct-08	395.66	-2.45%
Nov-08	405.01	-0.09%
Dec-08	406.21	0.21%
Average	405.37	-0.01%

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JAN 22 2008

DEPT. OF WATER RESOURCES
SOUTHERN REGIONSTATE OF IDAHO
WATER DISTRICT 130
WATER MEASUREMENT ANNUAL REPORTdata entered
Coke
4/1/08**REPORTING YEAR 2007****OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE**ATTENTION: Year end data must be submitted to Water District 130, 1341 Fillmore St Ste 200, Twin Falls ID, 83301, on or before **January 15, 2008.**

Reporter ID/Name:	_____	TERRY HUDDLESTON	_____
Water Source:	_____	CLEAR SPRINGS FOODS	_____
Legal Description:	T _____	08S 14E 28 NESWNE BOX CANYON FARM	1/4 _____ 1/4
Site Tag No:	_____	A0001565 410032	9 _____
Diversion Name:	_____		

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right OwnerPlease check for address correction ☐Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

Operator or Contact Person (if different from owner)Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

SECTION II Water Use InformationCropAcresNon-Irrigation Use(s)

Total acres

Number of idled acres _____

See attached

SECTION III Water Measurement Log (*measurements must be recorded at least once per week and in units of cubic feet per second.*) **PLEASE SHOW TURN ON/TURN OFF DATES**

DAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1						
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30		-----				
31		-----		-----		-----

SECTION III Water Measurement Log (Continued). *(measurements must be recorded at least once per week and in units of cubic feet per second.)* **PLEASE SHOW TURN ON/TURN OFF DATES**

DAY	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER
1						
2						
3						
4						
5						
6						
7						
8						
9						
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SECTION IV Measuring Device Information

A. Type & Description of Measuring Device(s): _____

B. Attach copies of all measuring device rating tables to this report (omit if previously supplied).

SECTION V Modifications made to water system

Please describe in the space below any major modification made to the diversion works or measuring device during the reporting year.

SECTION VI Certification

I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Terry Huddleston Farm Operations Mgr. 1/16/08
Signature Title Date

For Department Use Only

Reviewed by _____
Data entry by _____

Date _____
Date _____

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

UPDATE DATE
01/03/08

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

410032

Interpolate weekly
24.9

DATE	C.F.S	1995 VAR.	C.F.S	1996 VAR.	C.F.S	1997 VAR.	C.F.S	1998 VAR.	WEEK OF	C.F.S	1999 VAR.	C.F.S	2000 VAR.	C.F.S	2001 VAR.	C.F.S	2002 VAR.	C.F.S	2003 VAR.	C.F.S	2004 VAR.	C.F.S	2005 VAR.	C.F.S	2006 VAR.	C.F.S	2007 VAR.																
07-Jan	294.07	0.00	A	298.30	0.00	A	296.19	0.00	A	298.50	0.00	A	04-Jan	299.28	0.00	A	298.28	0.00	A	298.33	0.00	A	299.28	0.00	A	301.48	0.00	A	298.50	0.00	A	299.27	0.00	A	297.04	-1.55	298.87	0.00	A				
14-Jan	294.07	0.00	A	298.38	0.00	A	298.19	0.00	A	298.50	0.00	A	11-Jan	299.28	0.00	A	298.28	0.00	A	298.33	0.00	A	299.28	0.00	A	301.48	0.00	A	298.50	0.00	A	299.27	0.00	A	297.04	0.00	A	298.87	0.00	A			
21-Jan	294.07	0.00	A	298.38	0.00	A	298.89	2.70	298.50	0.00	A	18-Jan	299.28	0.00	A	297.41	-1.85	298.33	0.00	A	298.28	0.00	A	301.48	0.00	A	298.50	0.00	A	299.27	0.00	A	297.04	0.00	A	298.87	2.80	298.47	0.00	A			
28-Jan	294.07	0.00	295.11	-1.28	298.89	0.00	A	298.50	0.00	A	25-Jan	299.28	0.00	A	297.41	0.00	A	298.33	0.00	A	298.28	0.00	A	301.48	0.00	A	298.50	0.00	A	299.27	0.00	A	297.04	0.00	A	298.87	0.00	A					
04-Feb	294.07	0.00	295.11	0.00	A	298.89	0.00	A	298.50	0.00	A	01-Feb	299.28	0.00	A	297.41	0.00	A	298.33	0.00	A	298.28	0.00	A	301.48	0.00	A	298.50	0.00	A	299.27	0.00	A	297.04	-0.74	298.47	0.00	A					
11-Feb	294.07	0.00	295.11	0.00	A	298.89	0.00	A	298.50	0.00	A	08-Feb	299.28	0.00	A	297.41	0.00	A	298.33	0.00	A	298.28	0.00	A	301.48	0.00	A	298.50	0.00	A	299.27	0.00	A	297.04	0.00	A	298.47	0.00	A				
18-Feb	294.07	0.00	295.11	0.00	A	298.89	0.00	A	298.15	-0.35	298.50	0.00	A	15-Feb	299.28	0.00	A	297.41	0.00	A	298.33	0.00	A	298.28	0.00	A	301.48	0.00	A	298.50	0.00	A	299.27	0.00	A	297.04	0.00	A	298.41	-1.08	298.41	0.00	A
25-Feb	298.63	2.78	295.11	0.00	A	298.89	0.00	A	298.15	0.00	A	22-Feb	300.37	1.11	297.41	0.00	A	298.15	-1.18	298.28	0.00	A	298.28	-2.22	298.50	0.00	A	298.27	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
03-Mar	298.63	0.00	295.11	0.00	A	297.77	-1.12	A	298.15	0.00	A	01-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A	298.28	0.00	A	298.28	0.00	A	297.78	-0.74	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A		
10-Mar	298.63	0.00	295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	08-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A	298.28	0.00	A	298.28	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
17-Mar	298.63	0.00	295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	15-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A	298.28	0.00	A	298.28	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
24-Mar	294.72	-2.11	295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	22-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A	298.28	0.00	A	298.28	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
31-Mar	294.72	0.00	295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	29-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A	298.28	0.00	A	298.28	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
07-Apr	294.72	0.00	295.87	0.78	A	297.77	0.00	A	298.15	0.00	A	05-Apr	300.37	0.00	A	298.63	2.22	298.15	0.00	A	298.28	0.00	A	298.28	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A		
14-Apr	294.72	0.00	295.87	0.00	A	297.77	0.00	A	298.15	0.00	A	12-Apr	300.37	0.00	A	298.63	0.00	A	298.15	0.00	A	298.28	0.00	A	298.28	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
21-Apr	292.38	-2.34	295.87	0.00	A	297.77	0.00	A	298.69	0.74	298.50	0.00	A	19-Apr	300.37	0.00	A	298.63	0.00	A	298.15	0.00	A	298.15	-1.11	298.28	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A
28-Apr	294.72	2.34	295.87	0.00	A	297.77	0.00	A	298.69	0.00	A	26-Apr	300.37	0.00	A	298.63	0.00	A	298.15	0.00	A	298.28	0.00	A	298.28	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
05-May	294.72	0.00	295.87	0.00	A	297.77	0.00	A	298.69	0.00	A	03-May	300.37	0.00	A	298.63	0.00	A	298.15	0.00	A	298.28	0.00	A	298.28	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
12-May	294.72	0.00	295.87	0.00	A	297.77	0.00	A	298.69	0.00	A	10-May	298.52	-1.85	298.63	0.00	A	298.15	0.00	A	298.28	0.00	A	298.28	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A		
19-May	294.72	0.00	295.87	0.00	A	297.77	0.00	A	298.69	0.00	A	17-May	298.52	0.00	A	298.63	0.00	A	298.15	0.00	A	298.28	0.00	A	298.28	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
26-May	294.53	-0.18	295.87	0.00	A	298.22	0.45	298.69	0.00	A	24-May	298.52	0.00	A	298.63	0.00	A	298.15	0.00	A	298.28	0.00	A	298.28	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A		
02-Jun	294.53	0.00	295.87	0.00	A	298.22	0.00	A	298.69	0.00	A	31-May	298.52	0.00	A	298.63	0.00	A	298.15	0.00	A	298.28	0.00	A	298.28	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
09-Jun	294.53	0.00	295.87	0.00	A	298.22	0.00	A	298.69	0.00	A	07-Jun	298.52	0.00	A	298.63	0.00	A	298.15	0.00	A	298.28	0.00	A	298.28	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
16-Jun	294.53	0.00	295.87	0.00	A	298.22	0.00	A	298.69	0.00	A	14-Jun	298.52	0.00	A	298.63	0.00	A	298.15	0.00	A	298.28	0.00	A	298.28	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
23-Jun	294.53	0.00	297.78	1.81	298.22	0.00	A	298.52	-0.37	298.50	0.00	A	21-Jun	298.52	0.00	A	297.78	-1.85	298.28	0.00	A	298.28	0.00	A	298.28	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
30-Jun	294.53	0.00	297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	28-Jun	298.52	0.00	A	297.78	0.00	A	298.69	-3.33	298.52	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A		
07-Jul	294.53	0.00	297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	05-Jul	298.52	0.00	A	297.78	0.00	A	298.69	0.00	A	298.52	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
14-Jul	294.53	0.00	297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	12-Jul	298.52	0.00	A	297.78	0.00	A	298.69	0.00	A	298.52	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
21-Jul	294.81	0.28	297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	19-Jul	298.52	0.00	A	297.78	0.00	A	298.69	0.00	A	298.52	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
28-Jul	294.81	0.00	297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	26-Jul	298.52	0.00	A	297.78	0.00	A	298.69	0.00	A	298.52	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
04-Aug	294.81	0.00	297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	02-Aug	298.52	0.00	A	297.78	0.00	A	298.69	0.00	A	298.52	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	
11-Aug	294.81	0.00	297.78	0.00	A	298.50	0.28	298.52	0.00	A	09-Aug	298.52	0.00	A	297.78	0.00	A	298.69	0.00	A	298.52	0.00	A	297.78	0.00	A	298.30	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A	298.41	0.00	A		
18-Aug	294.81	0.00	297.78	0.00	A	298.50	0.00	A	298.52	0.00	A	16-Aug	298.52	0.00	A	297.78	0.00	A	298.69	0.00	A	298.52	0.00	A	297.78	0.00	A																

January 14, 2008

Cindy Yenter
State of Idaho - Department of Water Resources
1341 Fillmore Street
Suite 200
Twin Falls, Idaho. 83301-3380

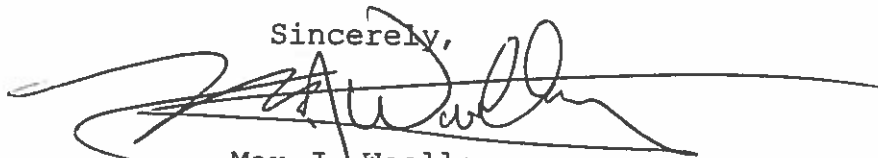
Dear Cindy:

When Tim Luke toured the Box Canyon facility with me in March 1995, I showed him our hydroelectric plant and explained how the kilowatt output readings were an excellent double check to our monthly water flow meter readings. Although the amount of power produced is reduced by debris in our influent waters, kilowatt output is essentially a direct result of water flow. As I did last year, I've listed the records of average kilowatts produced for the year just completed at Box Canyon.

Month of 2007	Average Gross Kilowatts	Percent Difference From Yearly Average
January	410.78	1.30%
February	412.36	1.67%
March	414.54	2.19%
April	411.29	1.42%
May	406.62	0.29%
June	406.72	0.31%
July	405.42	-0.01%
August	406.45	0.24%
September	404.60	-0.21%
October	388.17	-4.45%
November	392.06	-3.42%
December	406.45	0.24%
Average	405.46	-0.04%

While there were highs and lows due to debris, only October varied more than 4% from the years overall average. This year the greatest negative difference occurred in October, as it often has, when dead leaves in our influent waters are always substantial. As you might expect, our greatest positive variance occurred in the early spring when there is little or no debris in the water.

Sincerely,



Max J. Woolley
Hatchery Manager
Box Canyon Farm

Box Canyon Farm

Hydroelectric Operations Kilowatts Produced

Month	Average KW per Month	% from Year Average
Jan-93	435.76	3.17%
Feb-93	426.83	1.14%
Mar-93	425.99	0.95%
Apr-93	414.89	-1.70%
May-93	424.64	0.63%
Jun-93	417.41	-1.09%
Jul-93	414.61	-1.77%
Aug-93	417.30	-1.12%
Sep-93	429.72	1.81%
Oct-93	411.34	-2.58%
Nov-93	423.92	0.46%
Dec-93	421.14	-0.20%
Average	421.96	-0.03%

Month	Average KW per Month	% from Year Average
Jan-94	442.08	3.85%
Feb-94	428.57	0.82%
Mar-94	429.03	0.93%
Apr-94	416.32	-2.10%
May-94	409.59	-3.77%
Jun-94	438.05	2.97%
Jul-94	426.09	0.25%
Aug-94	427.24	0.51%
Sep-94	411.83	-3.21%
Oct-94	413.81	-2.71%
Nov-94	424.81	-0.06%
Dec-94	433.11	1.86%
Average	425.04	-0.05%

Month	Average Net KW per Month	% from Year Average
Jan-95	426.31	1.01%
Feb-95	428.34	1.48%
Mar-95	424.37	0.56%
Apr-95	425.92	0.92%
May-95	417.87	-1.03%
Jun-95	420.79	-0.28%
Jul-95	428.38	1.03%
Aug-95	411.17	-2.83%
Sep-95	419.91	-0.50%
Oct-95	413.57	-2.04%
Nov-95	423.63	0.39%
Dec-95	425.81	0.90%
Average	421.99	-0.02%

Month	Average KW per Month	% from Year Average
Jan-96	422.58	0.46%
Feb-96	429.89	2.15%
Mar-96	419.35	-0.30%
Apr-96	421.11	0.11%
May-96	422.58	0.46%
Jun-96	424.44	0.90%
Jul-96	419.35	-0.30%
Aug-96	426.88	1.46%
Sep-96	416.67	-0.95%
Oct-96	408.60	-2.94%
Nov-96	418.89	-0.41%
Dec-96	417.20	-0.82%
Average	420.63	-0.02%

Month	Average KW per Month	% from Year Average
Jan-97	430.11	1.45%
Feb-97	432.14	1.81%
Mar-97	426.88	0.70%
Apr-97	426.67	0.65%
May-97	421.51	-0.56%
Jun-97	420.00	-0.92%
Jul-97	418.28	-1.34%
Aug-97	427.96	0.95%
Sep-97	417.78	-1.46%
Oct-97	413.98	-2.39%
Nov-97	422.22	-0.39%
Dec-97	429.03	1.20%
Average	423.88	-0.02%

Month	Average KW per Month	% from Year Average
Jan-98	431.18	1.89%
Feb-98	427.38	1.02%
Mar-98	429.03	1.40%
Apr-98	422.22	-0.19%
May-98	421.51	-0.38%
Jun-98	421.11	-0.45%
Jul-98	424.73	0.40%
Aug-98	424.73	0.40%
Sep-98	418.89	-0.98%
Oct-98	415.05	-1.92%
Nov-98	415.56	-1.79%
Dec-98	424.73	0.40%
Average	423.01	-0.01%

Month	Average KW per Month	% from Year Average
Jan-99	424.73	0.95%
Feb-99	425.00	1.02%
Mar-99	427.96	1.70%
Apr-99	424.44	0.89%
May-99	417.20	-0.83%
Jun-99	417.78	-0.69%
Jul-99	419.35	-0.32%
Aug-99	420.43	-0.06%
Sep-99	421.11	0.10%
Oct-99	410.75	-2.42%
Nov-99	422.22	0.36%
Dec-99	417.20	-0.83%
Average	420.68	-0.01%

Month	Average KW per Month	% from Year Average
Jan-00	427.96	1.38%
Feb-00	422.99	0.21%
Mar-00	426.88	1.11%
Apr-00	425.56	0.81%
May-00	421.51	-0.14%
Jun-00	421.11	-0.24%
Jul-00	423.66	0.38%
Aug-00	421.51	-0.14%
Sep-00	417.78	-1.04%
Oct-00	411.83	-2.50%
Nov-00	417.78	-1.04%
Dec-00	426.88	1.11%
Average	422.12	-0.01%

Month	Average KW per Month	% from Year Average
Jan-01	422.58	0.66%
Feb-01	425.00	1.23%
Mar-01	422.58	0.66%
Apr-01	424.44	1.10%
May-01	407.53	-3.01%
Jun-01	415.58	-1.02%
Jul-01	418.28	-0.36%
Aug-01	419.35	-0.10%
Sep-01	426.67	1.61%
Oct-01	410.75	-2.20%
Nov-01	416.67	-0.75%
Dec-01	427.96	1.91%
Average	419.78	-0.02%

Month	Average KW per Month	% from Year Average
Jan-02	429.03	1.79%
Feb-02	426.19	1.13%
Mar-02	430.11	2.03%
Apr-02	421.11	-0.06%
May-02	417.20	-1.00%
Jun-02	416.67	-1.13%
Jul-02	421.51	0.03%
Aug-02	425.81	1.04%
Sep-02	410.00	-2.77%
Oct-02	410.75	-2.58%
Nov-02	422.22	0.20%
Dec-02	425.81	1.04%
Average	421.37	-0.02%

Month	Average KW per Month	% from Year Average
Jan-03	427.96	1.90%
Feb-03	428.57	2.03%
Mar-03	421.51	0.39%
Apr-03	420.00	0.04%
May-03	421.51	0.39%
Jun-03	415.58	-1.03%
Jul-03	415.05	-1.16%
Aug-03	418.28	-0.38%
Sep-03	415.58	-1.03%
Oct-03	412.90	-1.68%
Nov-03	413.33	-1.58%
Dec-03	427.96	1.90%
Average	419.85	-0.02%

Month	Average KW per Month	% from Year Average
Jan-04	426.88	2.47%
Feb-04	422.99	1.57%
Mar-04	421.51	1.23%
Apr-04	414.44	-0.48%
May-04	401.08	-3.80%
Jun-04	414.44	-0.46%
Jul-04	417.20	0.21%
Aug-04	416.13	-0.05%
Sep-04	417.78	0.35%
Oct-04	408.45	-2.43%
Nov-04	416.67	0.08%
Dec-04	420.43	0.97%
Average	416.33	-0.03%

Month	Average KW per Month	% from Year Average
Jan-05	422.58	2.89%
Feb-05	420.24	2.35%
Mar-05	416.13	1.39%
Apr-05	410.00	-0.09%
May-05	411.83	0.36%
Jun-05	402.22	-2.02%
Jul-05	403.23	-1.77%
Aug-05	408.60	-0.43%
Sep-05	403.33	-1.74%
Oct-05	400.00	-2.59%
Nov-05	407.78	-0.63%
Dec-05	418.28	1.90%
Average	410.35	-0.03%

Month	Average KW per Month	% from Year Average
Jan-06	418.28	2.37%
Feb-06	417.88	2.27%
Mar-06	408.80	0.06%
Apr-06	417.78	2.25%
May-06	409.68	0.32%
Jun-06	394.44	-3.53%
Jul-06	402.15	-1.54%
Aug-06	412.90	1.10%
Sep-06	405.56	-0.66%
Oct-06	395.70	-3.20%
Nov-06	405.56	-0.69%
Dec-06	411.83	0.84%
Average	408.36	-0.04%

Month	Average KW per Month	% from Year Average
Jan-07	410.78	1.30%
Feb-07	412.36	1.67%
Mar-07	414.54	2.19%
Apr-07	411.29	1.42%
May-07	406.62	0.29%
Jun-07	406.72	0.31%
Jul-07	405.42	-0.01%
Aug-07	406.45	0.24%
Sep-07	404.60	-0.21%
Oct-07	388.17	-4.45%
Nov-07	392.06	-3.42%
Dec-07	406.45	0.24%
Average	405.46	-0.04%

done 2/25
4/3/07

STATE OF IDAHO
WATER DISTRICT 130
WATER MEASUREMENT ANNUAL REPORT

RECEIVED
JAN 17 2007
DEPT. OF WATER RESOURCES
SOUTHERN REGION

REPORTING YEAR 2006

OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE

ATTENTION: Year end data must be submitted to Water District 130, 1341 Fillmore St Ste 200, Twin Falls ID, 83301, on or before **January 15** of the following year.

Reporter ID/Name:	_____	TERRY HUDDLESTON	_____
Water Source:	_____	CLEAR SPRINGS FOODS	_____
Legal Description:	T _____	08S 14E 28 NESWNE BOX CANYON FARM	_____ 1/4
Site Tag No:	_____	A0001565 410032	9 _____
Diversion Name:	_____		

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right Owner

Please check for address correction ☐

Name _____

Phone _____

Last, First, MI

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

Operator or Contact Person (if different from owner)

Name _____

Phone _____

Last, First, MI

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

SECTION II Water Use Information

Crop

Acres

Non-Irrigation Use(s)

Total acres

Number of idled acres

SECTION IV Measuring Device Information

A. Type & Description of Measuring Device(s): New Flow meter
(Vortek series M23)
Began using in May 2006

B. Attach copies of all measuring device rating tables to this report (omit if previously supplied).

SECTION V Modifications made to water system

Please describe in the space below any major modification made to the diversion works or measuring device during the reporting year.

New Flow meter

SECTION VI Certification

I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Terry Hubbard Farm Operations Mgr. 1/15/07
Signature Title Date

For Department Use Only

Reviewed by _____
Data entry by _____

Date _____
Date _____

January 10, 2007

Cindy Yenter
State of Idaho - Department of Water Resources
1341 Fillmore Street
Suite 200
Twin Falls, Idaho. 83301-3380

Dear Cindy:

When Tim Luke toured the Box Canyon facility with me in March 1995, I showed him our hydroelectric plant and explained how the kilowatt output readings were an excellent double check to our monthly water flow meter readings. Although the amount of power produced is reduced by debris in our influent waters, kilowatt output is essentially a direct result of water flow. As I did last year, I've listed the records of average kilowatts produced for the year just completed at Box Canyon.

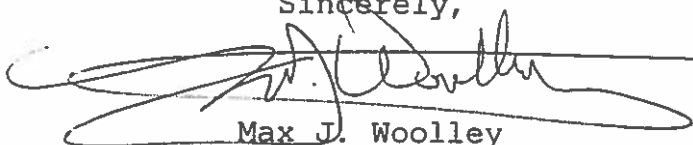
Month of 2006	Average Gross Kilowatts	Percent Difference from Yearly Average
January	418.28	2.37%
February	417.86	2.27%
March	408.60	0.06%
April	417.78	2.25%
May	409.68	0.32%
June	394.44	-3.53%
July	402.15	-1.54%
August	412.90	1.10%
September	405.56	-0.69%
October	395.70	-3.20%
November	405.56	-0.69%
December	411.83	1.90%
Average	408.36	-0.04%

While there were highs and lows due to debris, no monthly average varied more than 4% from the years overall average. This year the greatest negative difference occurred in June when Idaho Power had to replace the plants recloser. Next was October, as it often is, when dead leaves in our influent waters are always substantial. As you might expect, our greatest positive variance occurred in January when there is little or no debris in the water.

This year we purchased a VorTek series M23 volumetric flow meter, tested it in April, and began using this instrument for monthly flow measurements in May. Side by side measurements with our Flow Research Corp. meter were extremely close. This meter can be programmed to measure flow in various sizes of pipe and allowed us to hot tap and measure the flow in the 12" side pipe that comes off of the center pipe, feeds our water tower and supplements the hatch house. The flow through this pipe is variable and less than 2% of our total flow, but is now measured and included in the farms total flow measurement.

As I have done in the past, I have included our kilowatt output for the last fifteen years.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Max J. Woolley', is written over a horizontal line. The signature is stylized with a large, sweeping initial 'M'.

Max J. Woolley
Hatchery Manager
Box Canyon Farm

Box Canyon Farm

Hydroelectric Operations Kilowatts Produced

Month	Average KW per Month	% from Year Average
Jan-92	429.41	1.50%
Feb-92	429.82	1.59%
Mar-92	430.99	1.86%
Apr-92	438.57	3.55%
May-92	410.24	-3.11%
Jun-92	417.82	-1.24%
Jul-92	417.35	-1.35%
Aug-92	419.44	-0.85%
Sep-92	429.01	1.40%
Oct-92	404.07	-4.88%
Nov-92	423.44	0.11%
Dec-92	425.67	0.63%
Average	422.99	-0.05%

Month	Average KW per Month	% from Year Average
Jan-93	435.76	3.17%
Feb-93	426.83	1.14%
Mar-93	425.99	0.95%
Apr-93	414.89	-1.70%
May-93	424.64	0.63%
Jun-93	417.41	-1.09%
Jul-93	414.61	-1.77%
Aug-93	417.30	-1.12%
Sep-93	429.72	1.81%
Oct-93	411.34	-2.58%
Nov-93	423.92	0.46%
Dec-93	421.14	-0.20%
Average	421.96	-0.03%

Month	Average KW per Month	% from Year Average
Jan-94	442.08	3.85%
Feb-94	428.57	0.82%
Mar-94	429.03	0.93%
Apr-94	416.32	-2.10%
May-94	409.59	-3.77%
Jun-94	438.05	2.97%
Jul-94	426.09	0.25%
Aug-94	427.24	0.51%
Sep-94	411.83	-3.21%
Oct-94	413.81	-2.71%
Nov-94	424.81	-0.08%
Dec-94	433.11	1.88%
Average	425.04	-0.05%

Month	Average Net KW per Month	% from Year Average
Jan-95	426.31	1.01%
Feb-95	428.34	1.48%
Mar-95	424.37	0.56%
Apr-95	425.92	0.92%
May-95	417.87	-1.03%
Jun-95	420.79	-0.28%
Jul-95	426.38	1.03%
Aug-95	411.17	-2.63%
Sep-95	419.91	-0.50%
Oct-95	413.57	-2.04%
Nov-95	423.63	0.39%
Dec-95	425.81	0.90%
Average	421.99	-0.02%

Month	Average KW per Month	% from Year Average
Jan-96	422.58	0.46%
Feb-96	429.89	2.15%
Mar-96	419.35	-0.30%
Apr-96	421.11	0.11%
May-96	422.58	0.46%
Jun-96	424.44	0.90%
Jul-96	419.35	-0.30%
Aug-96	426.88	1.46%
Sep-96	416.87	-0.95%
Oct-96	408.60	-2.94%
Nov-96	418.89	-0.41%
Dec-96	417.20	-0.82%
Average	420.63	-0.02%

Month	Average KW per Month	% from Year Average
Jan-97	430.11	1.45%
Feb-97	432.14	1.91%
Mar-97	426.88	0.70%
Apr-97	428.67	0.65%
May-97	421.51	-0.56%
Jun-97	420.00	-0.92%
Jul-97	418.28	-1.34%
Aug-97	427.96	0.95%
Sep-97	417.78	-1.46%
Oct-97	413.98	-2.39%
Nov-97	422.22	-0.39%
Dec-97	429.03	1.20%
Average	423.88	-0.02%

Month	Average KW per Month	% from Year Average
Jan-98	431.18	1.89%
Feb-98	427.38	1.02%
Mar-98	429.03	1.40%
Apr-98	422.22	-0.19%
May-98	421.51	-0.36%
Jun-98	421.11	-0.45%
Jul-98	424.73	0.40%
Aug-98	424.73	0.40%
Sep-98	418.89	-0.98%
Oct-98	415.05	-1.92%
Nov-98	415.58	-1.79%
Dec-98	424.73	0.40%
Average	423.01	-0.01%

Month	Average KW per Month	% from Year Average
Jan-99	424.73	0.95%
Feb-99	425.00	1.02%
Mar-99	427.96	1.70%
Apr-99	424.44	0.89%
May-99	417.20	-0.83%
Jun-99	417.78	-0.69%
Jul-99	419.35	-0.32%
Aug-99	420.43	-0.06%
Sep-99	421.11	0.10%
Oct-99	410.75	-2.42%
Nov-99	422.22	0.36%
Dec-99	417.20	-0.83%
Average	420.68	-0.01%

Month	Average KW per Month	% from Year Average
Jan-00	427.96	1.36%
Feb-00	422.99	0.21%
Mar-00	426.88	1.11%
Apr-00	425.56	0.81%
May-00	421.51	-0.14%
Jun-00	421.11	-0.24%
Jul-00	423.66	0.36%
Aug-00	421.51	-0.14%
Sep-00	417.78	-1.04%
Oct-00	411.83	-2.50%
Nov-00	417.78	-1.04%
Dec-00	426.88	1.11%
Average	422.12	-0.01%

Month	Average KW per Month	% from Year Average
Jan-01	422.58	0.66%
Feb-01	425.00	1.23%
Mar-01	422.58	0.66%
Apr-01	424.44	1.10%
May-01	407.53	-3.01%
Jun-01	415.56	-1.02%
Jul-01	418.28	-0.36%
Aug-01	419.35	-0.10%
Sep-01	426.67	1.61%
Oct-01	410.75	-2.20%
Nov-01	416.67	-0.75%
Dec-01	427.96	1.91%
Average	419.78	-0.02%

Month	Average KW per Month	% from Year Average
Jan-02	429.03	1.79%
Feb-02	426.19	1.13%
Mar-02	430.11	2.03%
Apr-02	421.11	-0.08%
May-02	417.20	-1.00%
Jun-02	416.67	-1.13%
Jul-02	421.51	0.03%
Aug-02	425.81	1.04%
Sep-02	410.00	-2.77%
Oct-02	410.75	-2.58%
Nov-02	422.22	0.20%
Dec-02	425.81	1.04%
Average	421.37	-0.02%

Month	Average KW per Month	% from Year Average
Jan-03	427.96	1.80%
Feb-03	428.57	2.03%
Mar-03	421.51	0.39%
Apr-03	420.00	0.04%
May-03	421.51	0.39%
Jun-03	415.56	-1.03%
Jul-03	415.05	-1.16%
Aug-03	418.28	-0.38%
Sep-03	415.58	-1.03%
Oct-03	412.90	-1.68%
Nov-03	413.33	-1.58%
Dec-03	427.96	1.90%
Average	419.85	-0.02%

Month	Average KW per Month	% from Year Average
Jan-04	426.88	2.47%
Feb-04	422.99	1.57%
Mar-04	421.51	1.23%
Apr-04	414.44	-0.46%
May-04	401.08	-3.80%
Jun-04	414.44	-0.46%
Jul-04	417.20	0.21%
Aug-04	418.13	-0.05%
Sep-04	417.78	0.35%
Oct-04	408.45	-2.43%
Nov-04	416.67	0.08%
Dec-04	420.43	0.97%
Average	416.33	-0.03%

Month	Average KW per Month	% from Year Average
Jan-05	422.58	2.89%
Feb-05	420.24	2.35%
Mar-05	416.13	1.39%
Apr-05	410.00	-0.09%
May-05	411.83	0.36%
Jun-05	402.22	-2.02%
Jul-05	403.23	-1.77%
Aug-05	408.60	-0.43%
Sep-05	403.33	-1.74%
Oct-05	400.00	-2.59%
Nov-05	407.78	-0.63%
Dec-05	418.28	1.90%
Average	410.35	-0.03%

Month	Average KW per Month	% from Year Average
Jan-06	418.28	2.37%
Feb-06	417.88	2.27%
Mar-06	408.60	0.06%
Apr-06	417.78	2.25%
May-06	409.68	0.32%
Jun-06	394.44	-3.53%
Jul-06	402.15	-1.54%
Aug-06	412.90	1.10%
Sep-06	405.56	-0.69%
Oct-06	395.70	-3.20%
Nov-06	405.56	-0.69%
Dec-06	411.83	0.84%
Average	408.36	-0.04%

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

UPDATE DATE
01/02/07

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

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DATE	C.F.S	1995 VAR.	C.F.S	1996 VAR.	C.F.S	1997 VAR.	C.F.S	1998 VAR.	WEEK OF	C.F.S	1999 VAR.	C.F.S	2000 VAR.	C.F.S	2001 VAR.	C.F.S	2002 VAR.	C.F.S	2003 VAR.	C.F.S	2004 VAR.	C.F.S	2005 VAR.	C.F.S	2006 VAR.		
07-Jan	294.07	0.00	A	296.39	0.00	A	296.19	0.00	A	04-Jan	296.28	0.00	A	296.28	0.00	A	299.33	0.00	A	299.28	0.00	A	298.50	0.00	A	297.04	-1.55
14-Jan	294.07	0.00	A	296.39	0.00	A	296.19	0.00	A	11-Jan	296.28	0.00	A	296.28	0.00	A	299.33	0.00	A	299.28	0.00	A	298.50	0.00	A	297.04	0.00
21-Jan	294.07	0.00	A	296.39	0.00	A	296.89	2.70		18-Jan	296.28	0.00	A	297.41	-1.85		299.33	0.00	A	299.28	0.00	A	298.50	0.00	A	297.04	0.00
28-Jan	294.07	0.00		295.11	-1.28		296.89	0.00	A	25-Jan	296.28	0.00	A	297.41	0.00	A	299.33	0.00	A	299.28	0.00	A	298.50	0.00	A	297.04	0.00
04-Feb	294.07	0.00		295.11	0.00	A	296.89	0.00	A	01-Feb	296.28	0.00	A	297.41	0.00	A	299.33	0.00	A	299.28	0.00	A	298.50	0.00	A	297.04	0.00
11-Feb	294.07	0.00		295.11	0.00	A	296.89	0.00	A	08-Feb	296.28	0.00	A	297.41	0.00	A	299.33	0.00	A	299.28	0.00	A	298.50	0.00	A	297.04	0.00
18-Feb	294.07	0.00		295.11	0.00	A	296.89	0.00	A	15-Feb	296.28	0.00	A	297.41	0.00	A	299.33	0.00	A	299.28	0.00	A	298.50	0.00	A	297.04	0.00
25-Feb	296.83	2.78		295.11	0.00	A	296.89	0.00	A	22-Feb	300.37	1.11		297.41	0.00	A	296.15	-1.18		299.28	0.00	A	299.28	-2.22		296.50	0.00
03-Mar	296.83	0.00		295.11	0.00	A	297.77	-1.12	A	01-Mar	300.37	0.00	A	297.41	0.00	A	296.15	0.00	A	299.28	0.00	A	299.28	0.00	A	296.50	0.00
10-Mar	296.83	0.00		295.11	0.00	A	297.77	0.00	A	08-Mar	300.37	0.00	A	297.41	0.00	A	296.15	0.00	A	299.28	0.00	A	299.28	0.00	A	297.06	0.78
17-Mar	296.83	0.00		295.11	0.00	A	297.77	0.00	A	15-Mar	300.37	0.00	A	297.41	0.00	A	296.15	0.00	A	299.28	0.00	A	299.28	0.00	A	297.06	0.78
24-Mar	294.72	-2.11		295.11	0.00	A	297.77	0.00	A	22-Mar	300.37	0.00	A	297.41	0.00	A	296.15	0.00	A	299.28	0.00	A	299.28	0.00	A	297.06	0.78
31-Mar	294.72	0.00		295.11	0.00	A	297.77	0.00	A	29-Mar	300.37	0.00	A	297.41	0.00	A	296.15	0.00	A	299.28	0.00	A	299.28	0.00	A	297.06	0.78
07-Apr	294.72	0.00		295.87	0.78	A	297.77	0.00	A	05-Apr	300.37	0.00	A	296.83	2.22		296.15	0.00	A	299.28	0.00	A	299.28	0.00	A	296.82	0.00
14-Apr	294.72	0.00		295.87	0.00	A	297.77	0.00	A	12-Apr	300.37	0.00	A	296.83	0.00	A	296.15	0.00	A	299.28	0.00	A	299.28	0.00	A	296.82	0.00
21-Apr	292.36	-2.34		295.87	0.00	A	297.77	0.00	A	19-Apr	300.37	0.00	A	296.83	0.00	A	296.15	0.00	A	299.28	0.00	A	299.28	0.00	A	296.82	0.00
28-Apr	294.72	2.34		295.87	0.00	A	297.77	0.00	A	26-Apr	300.37	0.00	A	296.83	0.00	A	302.22	4.07		296.15	0.00	A	299.28	0.00	A	296.82	0.00
05-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	03-May	300.37	0.00	A	296.83	0.00	A	302.22	0.00	A	296.15	0.00	A	299.28	0.00	A	296.82	0.00
12-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	10-May	296.52	-1.85		296.83	0.00	A	302.22	0.00	A	296.15	0.00	A	299.28	0.00	A	296.82	0.00
19-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	17-May	296.52	0.00	A	296.83	0.00	A	302.22	0.00	A	296.15	0.00	A	299.28	0.00	A	296.82	0.00
26-May	294.53	-0.19		295.87	0.00	A	296.22	0.45		24-May	296.52	0.00	A	296.83	0.00	A	302.22	0.00	A	296.15	0.00	A	299.28	0.00	A	296.82	0.00
02-Jun	294.53	0.00		295.87	0.00	A	296.22	0.00	A	31-May	296.52	0.00	A	296.83	0.00	A	302.22	0.00	A	296.15	0.00	A	299.28	0.00	A	296.82	0.00
09-Jun	294.53	0.00		295.87	0.00	A	296.22	0.00	A	07-Jun	296.52	0.00	A	296.83	0.00	A	302.22	0.00	A	296.15	0.00	A	299.28	0.00	A	296.82	0.00
16-Jun	294.53	0.00		295.87	0.00	A	296.22	0.00	A	14-Jun	296.52	0.00	A	296.83	0.00	A	302.22	0.00	A	296.15	0.00	A	299.28	0.00	A	296.82	0.00
23-Jun	294.53	0.00		297.78	1.91		296.22	0.00	A	21-Jun	296.52	0.00	A	297.78	-1.85		302.22	0.00	A	296.52	0.37		297.78	0.00	A	295.93	0.00
30-Jun	294.53	0.00		297.78	0.00	A	296.22	0.00	A	28-Jun	296.52	0.00	A	297.78	0.00	A	296.52	0.00	A	297.78	0.00	A	295.93	0.00	A	295.93	0.00
07-Jul	294.53	0.00		297.78	0.00	A	296.22	0.00	A	05-Jul	296.52	0.00	A	297.78	0.00	A	296.52	0.00	A	297.78	0.00	A	295.93	0.00	A	295.93	0.00
14-Jul	294.53	0.00		297.78	0.00	A	296.22	0.00	A	12-Jul	296.52	0.00	A	297.78	0.00	A	296.52	0.00	A	297.78	0.00	A	295.93	0.00	A	295.93	0.00
21-Jul	294.81	0.28		297.78	0.00	A	296.22	0.00	A	19-Jul	296.52	0.00	A	297.78	0.00	A	296.52	0.00	A	297.78	0.00	A	295.93	0.00	A	295.93	0.00
28-Jul	294.81	0.00		297.78	0.00	A	296.22	0.00	A	26-Jul	296.52	0.00	A	297.78	0.00	A	296.52	0.00	A	297.78	0.00	A	295.93	0.00	A	295.93	0.00
04-Aug	294.81	0.00		297.78	0.00	A	296.22	0.00	A	02-Aug	296.52	0.00	A	297.78	0.00	A	296.52	0.00	A	297.78	0.00	A	295.93	0.00	A	295.93	0.00
11-Aug	294.81	0.00		297.78	0.00	A	296.50	0.28		09-Aug	296.52	0.00	A	297.78	0.00	A	296.52	0.00	A	297.78	0.00	A	295.93	0.00	A	295.93	0.00
18-Aug	294.81	0.00		297.78	0.00	A	296.50	0.00	A	16-Aug	296.52	0.00	A	297.78	0.00	A	296.52	0.00	A	297.78	0.00	A	295.93	0.00	A	295.93	0.00
25-Aug	294.56	-0.25		297.73	-0.05		296.50	0.00	A	23-Aug	296.52	0.00	A	296.52	0.74		299.63	0.74		296.15	-0.37		296.52	0.00	A	296.52	0.00
01-Sep	294.56	0.00		297.73	0.00	A	296.50	0.00	A	30-Aug	296.52	0.00	A	296.52	0.00	A	296.83	0.00	A	296.15	0.00	A	296.52	0.00	A	296.52	0.00
08-Sep	294.56	0.00		297.73	0.00	A	296.50	0.00	A	08-Sep	296.52	0.00	A	296.52	0.00	A	296.83	0.00	A	296.15	0.00	A	296.52	0.00	A	296.52	0.00
15-Sep	294.56	0.00		297.73	0.00	A	296.50	0.00	A	13-Sep	300.00	1.48		296.52	0.00	A	296.83	0.00	A	296.15	0.00	A	296.52	0.00	A	296.52	0.00
22-Sep	294.56	0.00		297.73	0.00	A	296.50	0.00	A	20-Sep	300.00	0.00	A	296.52	0.00	A	296.83	0.00	A	296.15	0.00	A	296.52	0.00	A	296.52	0.00
29-Sep	294.56	0.00		297.73	0.00	A	296.50	0.00	A	27-Sep	300.00	0.00	A	296.52	0.00	A	296.83	0.00	A	296.15	0.00	A	296.52	0.00	A	296.52	0.00
06-Oct	294.56	0.00		297.73	0.00	A	296.50	0.00	A	04-Oct	300.00	0.00	A	296.52	0.00	A	296.83	0.00	A	296.15	0.00	A	296.52	0.00	A	296.52	0.00
13-Oct	294.56	0.00		297.73	0.00	A	296.50	0.00	A	11-Oct	300.00	0.00	A	296.52	0.00	A	296.83	0.00	A	296.15	0.00	A	296.52	0.00	A	296.52	0.00
20-Oct	294.56	0.00		297.73	0.00	A	296.50	0.00	A	18-Oct	300.00	0.00	A	296.83	1.11		299.63	0.00	A	296.15	0.00	A	296.52	0.00	A	296.52	0.00
27-Oct	295.44	0.88		296.19	-1.54		296.50	0.00	A	25-Oct	300.00	0.00	A	296.83	0.00	A	300.00	0.37		296.15	0.00	A	296.52	0.00	A	296.52	0.00
03-Nov	295.44	0.00		296.19	0.00	A	296.50	0.00	A	01-Nov	300.00	0.00	A	296.83	0.00	A	300.00	0.00	A	296.15	0.00	A	296.52	0.00	A	296.52	0.00
10-Nov	295.44	0.00		296.19	0.00	A	296.50	0.00	A	08-Nov	300.00	0.00	A	296.83	0.00	A	300.00	0.00	A	296.15	0.00	A	296.52	0.00	A	296.52	0.00
17-Nov	295.44	0.00		296.19	0.00	A	296.50	0.00	A	15-Nov	300.00	0.00	A	296.83	0.00	A	300.00	0.00	A	296.15	0.00	A	296.52	0.00	A	296.52	0.00
24-Nov	295.44	0.00		296.19	0.00	A	296.50	0.00	A	22-Nov	296.26	-0.74		296.83	0.00	A	300.00	0.00	A	296.15	0.00	A	296.52	0.00	A	296.52	0.00
01-Dec	296.39	0.95		296.19	0.00	A	296.50	0.00	A	29-Nov	296.26	0.00	A	296.83	0.00	A	300.00	0.00	A	296.15	0.00	A	296.52	0.00	A	296.52	0.00
08-Dec	296.39	0.00		296.19	0.00	A	296.50	0.00	A	08-Dec	296.26	0.00	A	296.83	0.00	A	300.00	0.00	A	296.15	0.00	A	296.52	0.00	A	296.52	0.00
15-Dec	296.39	0.00		296.19	0.00	A	296.50	0.00	A	13-Dec	296.26	0.00	A	296.33	-0.30		300.00	0.00	A	296.15	0.00	A	296.52	0.00	A	296.52	0.00
22-Dec	296.39	0.00		296.19	0.00	A	296.50	0.00	A	20-Dec	296.26	0.00	A	296.33	0.00	A	296.26	-0.74		301.48	3.33		296.50	-0.			

**BOX CANYON
WATER MEASUREMENT
NEW FLOW METER TESTS**

Ppd. By Terry 4/14/06

We have been testing a new flow meter (Vortek Model M23-V) for the Box Canyon farm. This meter is capable of reading many pipe diameters including the 12 inch diameter hatch house pipe and the 47 inch diameter 3 main pipes.

We recently did fill-up measurements on raceways to confirm flows and flow meter readings in the 54 inch and 42 inch diameter pipes at the Snake River farm. We have also verified the flow at the Briggs West farm with intensive fill-up measurements before fish were stocked into the new raceways. The pipe feeding the Briggs West farm is 57 inches in diameter. On 4/13/06 we tested the new Vortek meter in each of these pipes. We also measured these pipes with the Peak flow meter which is used at the Snake River farm.

Results

Location	Pipe ID	Vortek	Peak	Fill-up
Briggs W.	57"	70.63 cfs	73.2 cfs*	70.51 cfs (1.91 staff gauge)
Snake R.	41.5"	37.19	36.55	37.56
Snake R.	53.5"	47.90 cfs	49.42	47.22

The new Vortek meter agreed very well with the Peak meter (within 3.6%) and extremely well to the fill-up values (within 1%). The Briggs West fill-up value was determined through repetitious fill-ups to verify the staff gauge. The Snake River fill-up values were determined through repetitious fill-ups to verify Peak flow meter readings. Fill-up ratios to totalizer Peak meter readings performed on 1/31/06 were applied to the Peak meter totalizer readings taken on 4/12 and 4/13/06 to obtain the fill-up values for the Snake River farm pipes. Work Papers are attached.

Based on the accuracy demonstrated by the Vortek meter, we will purchase the meter and take future Box Canyon pipe readings with this meter. We will continue to use the Snake River farm Peak meter to measure the Snake River pipe flows. We will do periodic checks of the meters as above to confirm their continued consistent and accurate performance.

A document will be added next week to this record in the Box Canyon file when the new Vortek meter is compared to the old Box Canyon "Flow Research Corporation TR500" flow meter in side by side tests in each of the Box Canyon 47" pipes. The TR500 meter will be kept as a back-up to the new Vortek meter.

*Note that the Peak meter was shy of the manufacturer's recommended 1/8 pipe diameter insertion distance by 3/8 of an inch due to inadequate length.

STATE OF IDAHO
WATER DISTRICT 130
WATER MEASUREMENT ANNUAL REPORT

REPORTING YEAR 2005

RECEIVED
JAN 17 2006
Department of Water Resources
Southern Region

OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE

ATTENTION: Year end data must be submitted to Water District 130, 1341 Fillmore St Ste 200, Twin Falls ID, 83301, on or before **January 15** of the following year.

A separate reporting form must be submitted for each diversion. Refer to page 5 for instructions.

Reporter ID/Name: _____			
Water Source: _____	CLEAR SPRINGS FOODS	_____	_____
Legal Description: <u>T</u> _____	BOX CANYON CREEK	10744	_____
Site Tag No: _____	08S 14E 28 NESWNE	_____	<u>3</u>
Diversion Name: _____	A0001565	410032	_____
	BOX CANYON FARM	9	_____

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right Owner

Please check for address correction ☐

Name _____

Phone _____

Last, First, MI

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

Operator or Contact Person (if different from owner)

Name _____

Phone _____

Last, First, MI

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

Original Owner (if sold within last year)

Name _____

Phone _____

Last, First, MI

Address _____

Fax _____

City _____

State & Zip _____

SECTION II Water Measurement Log *(measurements must be recorded at least once per week and in units of cubic feet per second.)*

DAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
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CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

UPDATE DATE
01/11/06

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

← Dates

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DATE	C.F.S.	1995 VAR.	C.F.S.	1996 VAR.	C.F.S.	1997 VAR.	C.F.S.	1998 VAR.	WEEK OF	C.F.S.	1999 VAR.	C.F.S.	2000 VAR.	C.F.S.	2001 VAR.	C.F.S.	2002 VAR.	C.F.S.	2003 VAR.	C.F.S.	2004 VAR.	C.F.S.	2005 VAR.
07-Jan	294.07	0.00 A	296.39	0.00 A	296.19	0.00 A	298.50	0.00 A	04-Jan	299.26	0.00 A	299.26	0.00 A	299.33	0.00 A	299.26	0.00 A	301.48	0.00 A	298.50	0.00 A	299.27	0.00 A
14-Jan	294.07	0.00 A	296.39	0.00 A	296.19	0.00 A	298.50	0.00 A	11-Jan	299.26	0.00 A	299.26	0.00 A	299.33	0.00 A	299.26	0.00 A	301.48	0.00 A	298.50	0.00 A	299.27	0.00 A
21-Jan	294.07	0.00 A	296.39	0.00 A	296.19	2.70	298.50	0.00 A	18-Jan	299.26	0.00 A	297.41	-1.85	299.33	0.00 A	299.26	0.00 A	301.48	0.00 A	298.50	0.00 A	299.27	0.00 A
28-Jan	294.07	0.00	295.11	-1.28	298.89	0.00 A	298.50	0.00 A	25-Jan	299.26	0.00 A	297.41	0.00 A	299.33	0.00 A	299.26	0.00 A	301.48	0.00 A	298.50	0.00 A	299.27	0.00 A
04-Feb	294.07	0.00	295.11	0.00 A	298.89	0.00 A	298.50	0.00 A	01-Feb	299.26	0.00 A	297.41	0.00 A	299.33	0.00 A	299.26	0.00 A	301.48	0.00 A	298.50	0.00 A	299.27	0.00 A
11-Feb	294.07	0.00	295.11	0.00 A	298.89	0.00 A	298.50	0.00 A	08-Feb	299.26	0.00 A	297.41	0.00 A	299.33	0.00 A	299.26	0.00 A	301.48	0.00 A	298.50	0.00 A	299.27	0.00 A
18-Feb	294.07	0.00	295.11	0.00 A	298.89	0.00 A	298.15	-0.35	15-Feb	299.26	0.00 A	297.41	0.00 A	299.33	0.00 A	299.26	0.00 A	301.48	0.00 A	298.50	0.00 A	299.27	0.00 A
25-Feb	296.83	2.78	295.11	0.00 A	298.89	0.00 A	298.15	0.00 A	22-Feb	300.37	1.11	297.41	0.00 A	298.15	-1.18	299.26	0.00 A	299.26	-2.22	298.50	0.00 A	299.27	0.00 A
03-Mar	296.83	0.00	295.11	0.00 A	297.77	-1.12	298.15	0.00 A	01-Mar	300.37	0.00 A	297.41	0.00 A	298.15	0.00 A	299.26	0.00 A	299.26	0.00 A	297.76	-0.74	299.27	0.00 A
10-Mar	296.83	0.00	295.11	0.00 A	297.77	0.00 A	298.15	0.00 A	08-Mar	300.37	0.00 A	297.41	0.00 A	298.15	0.00 A	299.26	0.00 A	299.26	0.00 A	297.76	0.00 A	299.27	0.00 A
17-Mar	296.83	0.00	295.11	0.00 A	297.77	0.00 A	298.15	0.00 A	15-Mar	300.37	0.00 A	297.41	0.00 A	298.15	0.00 A	299.26	0.00 A	299.26	0.00 A	297.76	0.00 A	299.27	0.00 A
24-Mar	294.72	-2.11	295.11	0.00 A	297.77	0.00 A	298.15	0.00 A	22-Mar	300.37	0.00 A	297.41	0.00 A	298.15	0.00 A	299.26	0.00 A	299.26	0.00 A	297.76	0.00 A	299.27	0.00 A
31-Mar	294.72	0.00	295.11	0.00 A	297.77	0.00 A	298.15	0.00 A	29-Mar	300.37	0.00 A	297.41	0.00 A	298.15	0.00 A	299.26	0.00 A	299.26	0.00 A	297.76	0.00 A	299.27	0.00 A
07-Apr	294.72	0.00	295.87	0.76 A	297.77	0.00 A	298.15	0.00 A	05-Apr	300.37	0.00 A	299.63	2.22	298.15	0.00 A	299.26	0.00 A	299.26	0.00 A	297.76	0.00 A	299.27	0.00 A
14-Apr	294.72	0.00	295.87	0.00 A	297.77	0.00 A	298.15	0.00 A	12-Apr	300.37	0.00 A	299.63	0.00 A	298.15	0.00 A	299.26	0.00 A	299.26	0.00 A	297.76	0.00 A	299.27	0.00 A
21-Apr	292.38	-2.34	295.87	0.00 A	297.77	0.00 A	298.89	0.74	19-Apr	300.37	0.00 A	299.63	0.00 A	298.15	0.00 A	298.15	-1.11	299.26	0.00 A	297.76	0.00 A	299.27	0.00 A
28-Apr	294.72	2.34	295.87	0.00 A	297.77	0.00 A	298.89	0.00 A	26-Apr	300.37	0.00 A	299.63	0.00 A	302.22	4.07	298.15	0.00 A	299.26	0.00 A	297.76	0.00 A	299.27	0.00 A
05-May	294.72	0.00	295.87	0.00 A	297.77	0.00 A	298.89	0.00 A	03-May	300.37	0.00 A	299.63	0.00 A	302.22	0.00 A	298.15	0.00 A	299.26	0.00 A	297.76	0.00 A	299.27	0.00 A
12-May	294.72	0.00	295.87	0.00 A	297.77	0.00 A	298.89	0.00 A	10-May	298.52	-1.85	299.63	0.00 A	302.22	0.00 A	298.15	0.00 A	299.26	0.00 A	296.66	-1.10	299.27	0.00 A
19-May	294.72	0.00	295.87	0.00 A	297.77	0.00 A	298.89	0.00 A	17-May	298.52	0.00 A	299.63	0.00 A	302.22	0.00 A	298.15	0.00 A	299.26	0.00 A	296.66	0.00 A	299.27	0.00 A
26-May	294.53	-0.19	295.87	0.00 A	298.22	0.45	298.89	0.00 A	24-May	298.52	0.00 A	299.63	0.00 A	302.22	0.00 A	298.15	0.00 A	299.26	0.00 A	296.66	0.00 A	299.27	0.00 A
02-Jun	294.53	0.00	295.87	0.00 A	298.22	0.00 A	298.89	0.00 A	31-May	298.52	0.00 A	299.63	0.00 A	302.22	0.00 A	298.15	0.00 A	299.26	0.00 A	295.93	-0.73	298.03	-1.24
09-Jun	294.53	0.00	295.87	0.00 A	298.22	0.00 A	298.89	0.00 A	07-Jun	298.52	0.00 A	299.63	0.00 A	302.22	0.00 A	298.15	0.00 A	299.26	0.00 A	295.93	0.00 A	298.03	0.00 A
16-Jun	294.53	0.00	295.87	0.00 A	298.22	0.00 A	298.89	0.00 A	14-Jun	298.52	0.00 A	299.63	0.00 A	302.22	0.00 A	298.15	0.00 A	297.78	-1.48	295.93	0.00 A	298.03	0.00 A
23-Jun	294.53	0.00	297.78	1.91	298.22	0.00 A	298.52	-0.37	21-Jun	298.52	0.00 A	297.78	-1.85	302.22	0.00 A	298.52	0.37	297.78	0.00 A	295.93	0.00 A	298.03	0.00 A
30-Jun	294.53	0.00	297.78	0.00 A	298.22	0.00 A	298.52	0.00 A	28-Jun	298.52	0.00 A	297.78	0.00 A	298.89	-3.33	298.52	0.00 A	297.78	0.00 A	295.93	0.00 A	298.03	0.00 A
07-Jul	294.53	0.00	297.78	0.00 A	298.22	0.00 A	298.52	0.00 A	05-Jul	298.52	0.00 A	297.78	0.00 A	298.89	0.00 A	298.52	0.00 A	297.78	0.00 A	295.93	0.00 A	298.03	0.00 A
14-Jul	294.53	0.00	297.78	0.00 A	298.22	0.00 A	298.52	0.00 A	12-Jul	298.52	0.00 A	297.78	0.00 A	298.89	0.00 A	298.52	0.00 A	297.78	0.00 A	298.52	2.59	298.03	0.00 A
21-Jul	294.81	0.28	297.78	0.00 A	298.22	0.00 A	298.52	0.00 A	19-Jul	298.52	0.00 A	297.78	0.00 A	298.89	0.00 A	298.52	0.00 A	297.78	0.00 A	298.52	0.00 A	298.03	0.00 A
28-Jul	294.81	0.00	297.78	0.00 A	298.22	0.00 A	298.52	0.00 A	26-Jul	298.52	0.00 A	297.78	0.00 A	298.89	0.00 A	298.52	0.00 A	298.52	0.74	298.52	0.00 A	298.03	0.00 A
04-Aug	294.81	0.00	297.78	0.00 A	298.22	0.00 A	298.52	0.00 A	02-Aug	298.52	0.00 A	297.78	0.00 A	298.89	0.00 A	298.52	0.00 A	298.52	0.00 A	298.52	0.00 A	298.03	0.00 A
11-Aug	294.81	0.00	297.78	0.00 A	298.50	0.28	298.52	0.00 A	09-Aug	298.52	0.00 A	297.78	0.00 A	298.89	0.00 A	298.52	0.00 A	298.52	0.00 A	298.52	0.00 A	298.03	0.00 A
18-Aug	294.81	0.00	297.78	0.00 A	298.50	0.00 A	298.52	0.00 A	16-Aug	298.52	0.00 A	297.78	0.00 A	298.89	0.00 A	298.52	0.00 A	298.52	0.00 A	298.89	0.37	298.03	0.00 A
25-Aug	294.56	-0.25	297.73	-0.05	298.50	0.00 A	298.52	0.00 A	23-Aug	298.52	0.00 A	298.52	0.74	299.63	0.74	298.15	-0.37	298.52	0.00 A	298.89	0.00 A	289.67	-8.36
01-Sep	294.56	0.00	297.73	0.00 A	298.50	0.00 A	298.52	0.00 A	30-Aug	298.52	0.00 A	298.52	0.00 A	299.63	0.00 A	298.15	0.00 A	298.52	0.00 A	298.89	0.00 A	289.67	0.00 A
08-Sep	294.56	0.00	297.73	0.00 A	298.50	0.00 A	298.52	0.00 A	06-Sep	298.52	0.00 A	298.52	0.00 A	299.63	0.00 A	298.15	0.00 A	298.52	0.00 A	298.89	0.00 A	289.67	0.00 A
15-Sep	294.56	0.00	297.73	0.00 A	298.50	0.00 A	298.52	0.00 A	13-Sep	300.00	1.48	298.52	0.00 A	299.63	0.00 A	298.15	0.00 A	298.52	0.00 A	298.89	0.00 A	289.67	0.00 A
22-Sep	294.56	0.00	297.73	0.00 A	298.50	0.00 A	298.52	0.00 A	20-Sep	300.00	0.00 A	298.52	0.00 A	299.63	0.00 A	298.15	0.00 A	298.52	0.00 A	298.89	0.00 A	289.67	0.00 A
29-Sep	294.56	0.00	297.73	0.00 A	298.50	0.00 A	298.52	0.00 A	27-Sep	300.00	0.00 A	298.52	0.00 A	299.63	0.00 A	298.15	0.00 A	298.52	0.00 A	298.89	0.00 A	289.67	0.00 A
06-Oct	294.56	0.00	297.73	0.00 A	298.50	0.00 A	298.52	0.00 A	04-Oct	300.00	0.00 A	298.52	0.00 A	299.63	0.00 A	298.15	0.00 A	298.52	0.00 A	298.89	0.00 A	295.28	5.61
13-Oct	294.56	0.00	297.73	0.00 A	298.50	0.00 A	298.52	0.00 A	11-Oct	300.00	0.00 A	298.52	0.00 A	299.63	0.00 A	298.15	0.00 A	298.52	0.00 A	298.89	0.00 A	295.28	0.00 A
20-Oct	294.56	0.00	297.73	0.00 A	298.50	0.00 A	298.52	0.00 A	18-Oct	300.00	0.00 A	299.63	1.11	299.63	0.00 A	298.15	0.00 A	298.52	0.00 A	298.89	0.00 A	295.28	0.00 A
27-Oct	295.44	0.88	296.19	-1.54	298.50	0.00 A	298.52	0.00 A	25-Oct	300.00	0.00 A	299.63	0.00 A	300.00	0.37	298.15	0.00 A	298.52	0.00 A	298.89	0.00 A	295.28	0.00 A
03-Nov	295.44	0.00	296.19	0.00 A	298.50	0.00 A	298.52	0.00 A	01-Nov	300.00	0.00 A	299.63	0.00 A	300.00	0.00 A	298.15	0.00 A	298.52	0.00 A	298.89	0.00 A	295.28	0.00 A
10-Nov	295.44	0.00	296.19	0.00 A	298.50	0.00 A	298.52	0.00 A	08-Nov	300.00	0.00 A	299.63	0.00 A	300.00	0.00 A	298.15	0.00 A	298.52	0.00 A	298.89	0.00 A	295.28	3.31
17-Nov	295.44	0.00	296.19	0.00 A	298.50	0.00 A	298.52	0.00 A	15-Nov	300.00	0.00 A	299.63	0.00 A	300.00	0.00 A	298.15	0.00 A	298.52	0.00 A	298.89	0.00 A	295.28	0.00 A
24-Nov	295.44	0.00	296.19	0.00 A	298.50	0.00 A	298.52	0.00 A	22-Nov	299.26	-0.74	299.63	0.00 A	300.00	0.00 A	298.15	0.00 A	298.52	0.00 A	298.89	0.00 A	295.28	0.00 A
01-Dec	296.39	0.95	296.19	0.00 A	298.50	0.00 A	298.52	0.00 A	29-Nov	299.													

SECTION II Water Measurement Log (Continued). *(measurements must be recorded at least once per week and in units of cubic feet per second.)*

DAY	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER
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Cindy Yenter
State of Idaho - Department of Water Resources
1341 Fillmore Street
Suite 200
Twin Falls, Idaho. 83301-3380

January 10, 2006

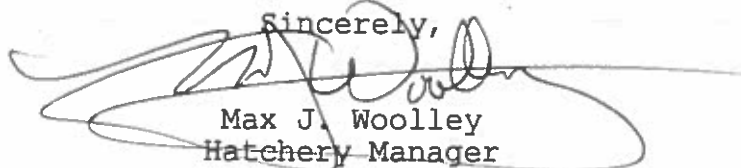
Dear Cindy:

When Tim Luke toured the Box Canyon facility with me in March 1995, I showed him our hydroelectric plant and explained how the kilowatt output readings were an excellent double check to our monthly water flow meter readings. Although the amount of power produced is reduced by debris in our influent waters, kilowatt output is essentially a direct result of water flow. As I did last year, I've listed the records of average kilowatts produced for the year just completed at Box Canyon.

Month of 2005	Average Gross Kilowatts	Percent Difference from Yearly Average
January	422.58	2.89%
February	420.24	2.35%
March	416.13	1.39%
April	410.00	-0.09%
May	411.83	0.36%
June	402.22	-2.02%
July	403.23	-1.77%
August	408.60	-0.43%
September	403.33	-1.74%
October	400.00	-2.59%
November	407.78	-0.63%
December	418.28	1.90%
Average	410.35	-0.03%

While there were highs and lows due to debris, no monthly average varied more than 4% from the years overall average. This year the greatest negative difference occurred in October, as it often does, when dead leaves in our influent waters are always substantial. As you might expect, our greatest positive variance occurred in January when there is little or no debris in the water. As I have done in the past, I have included our kilowatt output for the last fifteen years.

Sincerely,



Max J. Woolley
Hatchery Manager
Box Canyon Farm

Box Canyon Farm
Hydroelectric Operations Kilowatts Produced

Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average Net KW per Month	% from Year Average
Jan-91	429.09	1.31%	Jan-92	429.41	1.50%	Jan-93	435.76	3.17%	Jan-94	442.08	3.85%	Jan-95	426.31	1.01%
Feb-91	429.65	1.44%	Feb-92	429.82	1.59%	Feb-93	426.83	1.14%	Feb-94	428.57	0.82%	Feb-95	428.34	1.48%
Mar-91	427.00	0.83%	Mar-92	430.99	1.86%	Mar-93	425.89	0.95%	Mar-94	429.03	0.93%	Mar-95	424.37	0.56%
Apr-91	424.44	0.23%	Apr-92	438.57	3.55%	Apr-93	414.89	-1.70%	Apr-94	416.32	-2.10%	Apr-95	425.92	0.92%
May-91	423.42	-0.01%	May-92	410.24	-3.11%	May-93	424.64	0.63%	May-94	409.59	-3.77%	May-95	417.67	-1.03%
Jun-91	424.51	0.25%	Jun-92	417.82	-1.24%	Jun-93	417.41	-1.09%	Jun-94	438.05	2.97%	Jun-95	420.79	-0.28%
Jul-91	422.13	-0.31%	Jul-92	417.35	-1.35%	Jul-93	414.61	-1.77%	Jul-94	426.09	0.25%	Jul-95	426.38	1.03%
Aug-91	423.94	0.11%	Aug-92	419.44	-0.85%	Aug-93	417.30	-1.12%	Aug-94	427.24	0.51%	Aug-95	411.17	-2.63%
Sep-91	419.47	-0.95%	Sep-92	429.01	1.40%	Sep-93	429.72	1.81%	Sep-94	411.83	-3.21%	Sep-95	419.91	-0.50%
Oct-91	413.05	-2.52%	Oct-92	404.07	-4.68%	Oct-93	411.34	-2.58%	Oct-94	413.81	-2.71%	Oct-95	413.57	-2.04%
Nov-91	415.84	-1.83%	Nov-92	423.44	0.11%	Nov-93	423.92	0.46%	Nov-94	424.81	-0.06%	Nov-95	423.63	0.39%
Dec-91	428.97	1.28%	Dec-92	425.67	0.63%	Dec-93	421.14	-0.20%	Dec-94	423.11	1.86%	Dec-95	425.81	0.90%
Average	423.46	-0.01%	Average	422.99	-0.05%	Average	421.96	-0.03%	Average	425.04	-0.05%	Average	421.99	-0.02%
Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average
Jan-96	422.58	0.46%	Jan-97	430.11	1.45%	Jan-98	431.18	1.89%	Jan-99	424.73	0.95%	Jan-00	427.96	1.36%
Feb-96	429.89	2.15%	Feb-97	432.14	1.91%	Feb-98	427.38	1.02%	Feb-99	425.00	1.02%	Feb-00	422.99	0.21%
Mar-96	419.35	-0.30%	Mar-97	426.88	0.70%	Mar-98	429.03	1.40%	Mar-99	427.96	1.70%	Mar-00	426.88	1.11%
Apr-96	421.11	0.11%	Apr-97	426.67	0.65%	Apr-98	422.22	-0.19%	Apr-99	424.44	0.89%	Apr-00	425.56	0.81%
May-96	422.58	0.46%	May-97	421.51	-0.56%	May-98	421.51	-0.36%	May-99	417.20	-0.83%	May-00	421.51	-0.14%
Jun-96	424.44	0.90%	Jun-97	420.00	-0.92%	Jun-98	421.11	-0.45%	Jun-99	417.78	-0.69%	Jun-00	421.11	-0.24%
Jul-96	419.35	-0.30%	Jul-97	418.28	-1.34%	Jul-98	424.73	0.40%	Jul-99	419.35	-0.32%	Jul-00	423.66	0.36%
Aug-96	426.88	1.48%	Aug-97	427.96	0.95%	Aug-98	424.73	0.40%	Aug-99	420.43	-0.06%	Aug-00	421.51	-0.14%
Sep-96	416.67	-0.95%	Sep-97	417.78	-1.46%	Sep-98	418.89	-0.98%	Sep-99	421.11	0.10%	Sep-00	417.78	-1.04%
Oct-96	408.60	-2.94%	Oct-97	413.98	-2.39%	Oct-98	415.05	-1.92%	Oct-99	410.75	-2.42%	Oct-00	411.83	-2.50%
Nov-96	418.89	-0.41%	Nov-97	422.22	-0.39%	Nov-98	415.56	-1.79%	Nov-99	422.22	0.36%	Nov-00	417.78	-1.04%
Dec-96	417.20	-0.82%	Dec-97	429.03	1.20%	Dec-98	424.73	0.40%	Dec-99	417.20	-0.83%	Dec-00	426.88	1.11%
Average	420.63	-0.02%	Average	423.88	-0.02%	Average	423.01	-0.01%	Average	420.68	-0.01%	Average	422.12	-0.01%
Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average
Jan-01	422.58	0.66%	Jan-02	429.03	1.79%	Jan-03	427.96	1.90%	Jan-04	426.88	2.47%	Jan-05	422.58	2.89%
Feb-01	425.00	1.23%	Feb-02	426.19	1.13%	Feb-03	428.57	2.03%	Feb-04	422.99	1.57%	Feb-05	420.24	2.35%
Mar-01	422.58	0.66%	Mar-02	430.11	2.03%	Mar-03	421.51	0.39%	Mar-04	421.51	1.23%	Mar-05	416.13	1.39%
Apr-01	424.44	1.10%	Apr-02	421.11	-0.06%	Apr-03	420.00	0.04%	Apr-04	414.44	-0.46%	Apr-05	410.00	-0.09%
May-01	407.53	-3.01%	May-02	417.20	-1.00%	May-03	421.51	0.39%	May-04	401.08	-3.80%	May-05	411.83	0.36%
Jun-01	415.56	-1.02%	Jun-02	416.67	-1.13%	Jun-03	415.56	-1.03%	Jun-04	414.44	-0.46%	Jun-05	402.22	-2.02%
Jul-01	418.28	-0.36%	Jul-02	421.51	0.03%	Jul-03	415.05	-1.16%	Jul-04	417.20	0.21%	Jul-05	403.23	-1.77%
Aug-01	419.35	-0.10%	Aug-02	425.81	1.04%	Aug-03	418.28	-0.38%	Aug-04	416.13	-0.05%	Aug-05	408.60	-0.43%
Sep-01	426.67	1.61%	Sep-02	410.00	-2.77%	Sep-03	415.56	-1.03%	Sep-04	417.78	0.35%	Sep-05	403.33	-1.74%
Oct-01	410.75	-2.20%	Oct-02	410.75	-2.58%	Oct-03	412.90	-1.68%	Oct-04	406.45	-2.43%	Oct-05	400.00	-2.59%
Nov-01	416.67	-0.75%	Nov-02	422.22	0.20%	Nov-03	413.33	-1.58%	Nov-04	416.67	0.08%	Nov-05	407.78	-0.63%
Dec-01	427.96	1.91%	Dec-02	425.81	1.04%	Dec-03	427.96	1.90%	Dec-04	420.43	0.97%	Dec-05	418.28	1.90%
Average	419.78	-0.02%	Average	421.37	-0.02%	Average	419.85	-0.02%	Average	416.33	-0.03%	Average	410.35	-0.03%

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

UPDATE DATE
01/04/05

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

278.5

DATE	C.F.S	1995 VAR.	←	C.F.S	1996 VAR.	←	C.F.S	1997 VAR.	←	C.F.S	1998 VAR.	←	WEEK OF	C.F.S	1999 VAR.	←	C.F.S	2000 VAR.	←	C.F.S	2001 VAR.	←	C.F.S	2002 VAR.	←	C.F.S	2003 VAR.	←	C.F.S	2004 VAR.	
07-Jan	294.07	0.00	A	296.39	0.00	A	296.19	0.00	A	298.50	0.00	A	04-Jan	299.28	0.00	A	299.28	0.00	A	299.33	0.00	A	299.26	0.00	A	301.48	0.00	A	298.50	0.00	A
14-Jan	294.07	0.00	A	296.39	0.00	A	296.19	0.00	A	298.50	0.00	A	11-Jan	299.28	0.00	A	299.28	0.00	A	299.33	0.00	A	299.26	0.00	A	301.48	0.00	A	298.50	0.00	A
21-Jan	294.07	0.00	A	296.39	0.00	A	298.89	2.70		298.50	0.00	A	18-Jan	299.28	0.00	A	297.41	-1.85		299.33	0.00	A	299.26	0.00	A	301.48	0.00	A	298.50	0.00	A
28-Jan	294.07	0.00		295.11	-1.28		298.89	0.00	A	298.50	0.00	A	25-Jan	299.28	0.00	A	297.41	0.00	A	299.33	0.00	A	299.26	0.00	A	301.48	0.00	A	298.50	0.00	A
04-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	298.50	0.00	A	01-Feb	299.28	0.00	A	297.41	0.00	A	299.33	0.00	A	299.26	0.00	A	301.48	0.00	A	298.50	0.00	A
11-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	298.50	0.00	A	08-Feb	299.28	0.00	A	297.41	0.00	A	299.33	0.00	A	299.26	0.00	A	301.48	0.00	A	298.50	0.00	A
18-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	298.15	-0.35		15-Feb	299.28	0.00	A	297.41	0.00	A	299.33	0.00	A	299.26	0.00	A	301.48	0.00	A	298.50	0.00	A
25-Feb	296.83	2.76		295.11	0.00	A	298.89	0.00	A	298.15	0.00	A	22-Feb	300.37	1.11		297.41	0.00	A	298.15	-1.18		299.26	0.00	A	299.26	-2.22		298.50	0.00	A
03-Mar	296.83	0.00		295.11	0.00	A	297.77	-1.12		298.15	0.00	A	01-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A	299.26	0.00	A	299.26	0.00	A	297.76	-0.74	
10-Mar	296.83	0.00		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	08-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A	299.26	0.00	A	299.26	0.00	A	297.76	0.00	A
17-Mar	296.83	0.00		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	15-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A	299.26	0.00	A	299.26	0.00	A	297.76	0.00	A
24-Mar	294.72	-2.11		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	22-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A	299.26	0.00	A	299.26	0.00	A	297.76	0.00	A
31-Mar	294.72	0.00		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	29-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A	299.26	0.00	A	299.26	0.00	A	297.76	0.00	A
07-Apr	294.72	0.00		295.87	0.76	A	297.77	0.00	A	298.15	0.00	A	05-Apr	300.37	0.00	A	299.63	2.22		298.15	0.00	A	299.26	0.00	A	299.26	0.00	A	297.76	0.00	A
14-Apr	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.15	0.00	A	12-Apr	300.37	0.00	A	299.63	0.00	A	298.15	0.00	A	299.26	0.00	A	299.26	0.00	A	297.76	0.00	A
21-Apr	292.38	-2.34		295.87	0.00	A	297.77	0.00	A	298.89	0.74		19-Apr	300.37	0.00	A	299.63	0.00	A	298.15	0.00	A	298.15	-1.11		299.26	0.00	A	297.76	0.00	A
28-Apr	294.72	2.34		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A	26-Apr	300.37	0.00	A	299.63	0.00	A	302.22	4.07		298.15	0.00	A	299.26	0.00	A	297.76	0.00	A
05-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A	03-May	300.37	0.00	A	299.63	0.00	A	302.22	0.00	A	298.15	0.00	A	299.26	0.00	A	297.76	0.00	A
12-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A	10-May	298.52	-1.85		299.63	0.00	A	302.22	0.00	A	298.15	0.00	A	299.26	0.00	A	298.89	-1.10	A
19-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A	17-May	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A	298.15	0.00	A	299.26	0.00	A	298.89	0.00	A
26-May	294.53	-0.19		295.87	0.00	A	298.22	0.45		298.89	0.00	A	24-May	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A	298.15	0.00	A	299.26	0.00	A	298.89	0.00	A
02-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	298.89	0.00	A	31-May	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A	298.15	0.00	A	299.26	0.00	A	295.93	-0.73	
09-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	298.89	0.00	A	07-Jun	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A	298.15	0.00	A	299.26	0.00	A	295.93	0.00	A
16-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	298.89	0.00	A	14-Jun	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A	298.15	0.00	A	297.78	-1.48		295.93	0.00	A
23-Jun	294.53	0.00		297.78	1.91		298.22	0.00	A	298.52	-0.37		21-Jun	298.52	0.00	A	297.78	-1.85		302.22	0.00	A	298.52	0.37		297.78	0.00	A	295.93	0.00	A
30-Jun	294.53	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	28-Jun	298.52	0.00	A	297.78	0.00	A	298.89	-3.33		298.52	0.00	A	297.78	0.00	A	295.93	0.00	A
07-Jul	294.53	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	05-Jul	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A	298.52	0.00	A	297.78	0.00	A	295.93	0.00	A
14-Jul	294.53	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	12-Jul	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A	298.52	0.00	A	297.78	0.00	A	298.52	2.59	
21-Jul	294.81	0.28		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	19-Jul	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A	298.52	0.00	A	297.78	0.00	A	298.52	0.00	A
28-Jul	294.81	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	26-Jul	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A	298.52	0.00	A	298.52	0.74		298.52	0.00	A
04-Aug	294.81	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	02-Aug	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A	298.52	0.00	A	298.52	0.00	A	298.52	0.00	A
11-Aug	294.81	0.00		297.78	0.00	A	298.50	0.28		298.52	0.00	A	09-Aug	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A	298.52	0.00	A	298.52	0.00	A	298.52	0.00	A
18-Aug	294.81	0.00		297.78	0.00	A	298.50	0.00	A	298.52	0.00	A	16-Aug	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A	298.52	0.00	A	298.52	0.00	A	298.89	0.37	
25-Aug	294.56	-0.25		297.73	-0.05		298.50	0.00	A	298.52	0.00	A	23-Aug	298.52	0.00	A	298.52	0.74		299.63	0.74		298.15	-0.37		298.52	0.00	A	298.89	0.00	A
01-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	30-Aug	298.52	0.00	A	298.52	0.00	A	299.63	0.00	A	298.15	0.00	A	298.52	0.00	A	298.89	0.00	A
08-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	06-Sep	298.52	0.00	A	298.52	0.00	A	299.63	0.00	A	298.15	0.00	A	298.52	0.00	A	298.89	0.00	A
15-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	13-Sep	300.00	1.48		298.52	0.00	A	299.63	0.00	A	298.15	0.00	A	298.52	0.00	A	298.89	0.00	A
22-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	20-Sep	300.00	0.00	A	298.52	0.00	A	299.63	0.00	A	298.15	0.00	A	298.52	0.00	A	298.89	0.00	A
29-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	27-Sep	300.00	0.00	A	298.52	0.00	A	299.63	0.00	A	298.15	0.00	A	298.52	0.00	A	298.89	0.00	A
06-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	04-Oct	300.00	0.00	A	298.52	0.00	A	299.63	0.00	A	298.15	0.00	A	298.52	0.00	A	298.89	0.00	A
13-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	11-Oct	300.00	0.00	A	298.52	0.00	A	299.63	0.00	A	298.15	0.00	A	298.52	0.00	A	298.89	0.00	A
20-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	18-Oct	300.00	0.00	A	299.63	1.11		299.63	0.00	A	298.15	0.00	A	298.52	0.00	A	298.89	0.00	A
27-Oct	295.44	0.88		298.19	-1.54		298.50	0.00	A	298.52	0.00	A	25-Oct	300.00	0.00	A	299.63	0.00	A	300.00	0.37		298.15	0.00							

279.5

DE 2/3/05
(H)

Cindy Yenter
State of Idaho - Department of Water Resources
1341 Fillmore Street
Suite 200
Twin Falls, Idaho. 83301-3380

January 6, 2005

RECEIVED

JAN 13 2005

Department of Water Resources
Southern Region

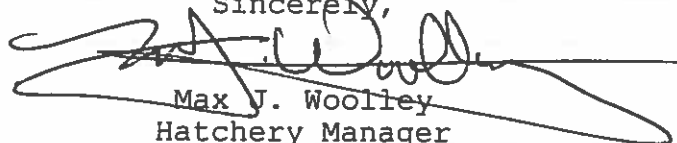
Dear Cindy:

When Tim Luke toured the Box Canyon facility with me in March 1995, I showed him our hydroelectric plant and explained how the kilowatt output readings were an excellent double check to our monthly water flow meter readings. Although the amount of power produced is reduced by debris in our influent waters, kilowatt output is essentially a direct result of water flow. As I did last year, I've listed the records of average kilowatts produced for the year just completed at Box Canyon.

Month of 2004	Average Gross Kilowatts	Percent Difference from Yearly Average
January	426.88	2.47%
February	422.99	1.57%
March	421.51	1.23%
April	414.44	-0.46%
May	401.08	-3.80%
June	414.44	-0.46%
July	417.20	0.21%
August	416.13	-0.05%
September	417.78	0.35%
October	406.45	-2.43%
November	416.67	0.08%
December	420.43	0.97%
Average	416.33	-0.03%

While there were highs and lows due to debris, no monthly average varied more than 4% from the years overall average. This year, our greatest difference occurred in May, while the plant was down for maintenance for almost 30 hours. The next greatest negative difference occurred in October, as it often does, when dead leaves in our influent waters are always substantial. As I have done in the past, I also included our kilowatt output for the last fifteen years.

Sincerely,


Max J. Woolley
Hatchery Manager
Box Canyon Farm

Box Canyon Farm **Hydroelectric Operations Kilowatts Produced**

Month	Average Net KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average
Jan-90	424.54	0.69%	Jan-91	429.09	1.31%	Jan-92	429.41	1.50%	Jan-93	435.76	3.17%	Jan-94	442.08	3.85%
Feb-90	416.30	-0.79%	Feb-91	429.65	1.44%	Feb-92	429.82	1.59%	Feb-93	426.83	1.14%	Feb-94	428.57	0.82%
Mar-90	428.98	1.72%	Mar-91	427.00	0.83%	Mar-92	430.99	1.86%	Mar-93	425.99	0.95%	Mar-94	429.03	0.93%
Apr-90	421.15	-0.11%	Apr-91	424.44	0.23%	Apr-92	438.57	3.55%	Apr-93	414.89	-1.70%	Apr-94	416.32	-2.10%
May-90	423.05	0.34%	May-91	423.42	-0.01%	May-92	410.24	-3.11%	May-93	424.64	0.63%	May-94	409.59	-3.77%
Jun-90	423.98	0.56%	Jun-91	424.51	0.25%	Jun-92	417.82	-1.24%	Jun-93	417.41	-1.09%	Jun-94	438.05	2.97%
Jul-90	423.70	0.49%	Jul-91	422.13	-0.31%	Jul-92	417.35	-1.35%	Jul-93	414.61	-1.77%	Jul-94	426.09	0.25%
Aug-90	412.41	-2.23%	Aug-91	423.94	0.11%	Aug-92	419.44	-0.85%	Aug-93	417.30	-1.12%	Aug-94	427.24	0.51%
Sep-90	429.92	1.93%	Sep-91	419.47	-0.95%	Sep-92	429.01	1.40%	Sep-93	429.72	1.81%	Sep-94	411.83	-3.21%
Oct-90	406.07	-3.83%	Oct-91	413.05	-2.52%	Oct-92	404.07	-4.68%	Oct-93	411.34	-2.58%	Oct-94	413.81	-2.71%
Nov-90	420.17	-0.34%	Nov-91	415.84	-1.83%	Nov-92	423.44	0.11%	Nov-93	423.92	0.46%	Nov-94	424.81	-0.06%
Dec-90	427.08	1.28%	Dec-91	428.97	1.28%	Dec-92	425.67	0.63%	Dec-93	421.14	-0.20%	Dec-94	433.11	1.86%
Average	421.61	-0.02%	Average	423.46	-0.01%	Average	422.99	-0.05%	Average	421.96	-0.03%	Average	425.04	-0.05%

Month	Average Net KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average
Jan-95	426.31	1.01%	Jan-96	422.58	0.46%	Jan-97	430.11	1.45%	Jan-98	431.18	1.89%	Jan-99	424.73	0.95%
Feb-95	428.34	1.48%	Feb-96	429.89	2.15%	Mar-97	432.14	1.91%	Mar-98	427.38	1.02%	Mar-99	425.00	1.02%
Mar-95	424.37	0.56%	Mar-96	419.35	-0.30%	Mar-97	426.88	0.70%	Mar-98	429.03	1.40%	Mar-99	427.96	1.70%
Apr-95	425.92	0.92%	Apr-96	421.11	0.11%	Apr-97	426.67	0.65%	Apr-98	422.22	-0.19%	Apr-99	424.44	0.89%
May-95	417.67	-1.03%	May-96	422.50	0.46%	May-97	421.51	-0.56%	May-98	421.51	-0.36%	May-99	417.20	-0.83%
Jun-95	420.79	-0.28%	Jun-96	424.44	0.90%	Jun-97	420.00	-0.92%	Jun-98	421.11	-0.45%	Jun-99	417.78	-0.69%
Jul-95	426.38	1.03%	Jul-96	419.35	-0.30%	Jul-97	418.28	-1.34%	Jul-98	424.73	0.40%	Jul-99	419.35	-0.32%
Aug-95	411.17	-2.63%	Aug-96	426.88	1.46%	Aug-97	427.96	0.95%	Aug-98	424.73	0.40%	Aug-99	420.43	-0.06%
Sep-95	419.91	-0.50%	Sep-96	416.67	-0.95%	Sep-97	417.78	-1.46%	Sep-98	418.89	-0.98%	Sep-99	421.11	0.10%
Oct-95	413.57	-2.04%	Oct-96	408.60	-2.94%	Oct-97	413.98	-2.39%	Oct-98	415.05	-1.92%	Oct-99	410.75	-2.42%
Nov-95	423.63	0.39%	Nov-96	418.89	-0.41%	Nov-97	422.22	-0.39%	Nov-98	415.56	-1.79%	Nov-99	422.22	0.36%
Dec-95	425.81	0.90%	Dec-96	417.20	-0.82%	Dec-97	429.03	1.20%	Dec-98	424.73	0.40%	Dec-99	417.20	-0.83%
Average	421.99	-0.02%	Average	420.63	-0.02%	Average	423.88	-0.02%	Average	423.01	-0.01%	Average	420.68	-0.01%

Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average
Jan-00	427.96	1.36%	Jan-01	422.58	0.66%	Jan-02	429.03	1.79%	Jan-03	427.96	1.90%	Jan-04	426.88	2.47%
Feb-00	422.99	0.21%	Mar-01	425.00	1.23%	Mar-02	426.19	1.13%	Mar-03	428.57	2.03%	Feb-04	422.99	1.57%
Mar-00	426.88	1.11%	Mar-01	422.58	0.66%	Mar-02	430.11	2.03%	Mar-03	421.51	0.39%	Mar-04	421.51	1.23%
Apr-00	425.56	0.81%	Apr-01	424.44	1.10%	Apr-02	421.11	-0.06%	Apr-03	420.00	0.04%	Apr-04	414.44	-0.46%
May-00	421.51	-0.14%	May-01	407.53	-3.01%	May-02	417.20	-1.00%	May-03	421.51	0.39%	May-04	401.08	-3.80%
Jun-00	421.11	-0.24%	Jun-01	415.56	-1.02%	Jun-02	416.67	-1.13%	Jun-03	415.56	-1.03%	Jun-04	414.44	-0.46%
Jul-00	423.66	0.36%	Jul-01	418.28	-0.36%	Jul-02	421.51	0.03%	Jul-03	415.05	-1.16%	Jul-04	417.20	0.21%
Aug-00	421.51	-0.14%	Aug-01	419.35	-0.10%	Aug-02	425.81	1.04%	Aug-03	418.28	-0.38%	Aug-04	416.13	-0.05%
Sep-00	417.78	-1.04%	Sep-01	426.67	1.61%	Sep-02	410.00	-2.77%	Sep-03	415.56	-1.03%	Sep-04	417.78	0.35%
Oct-00	411.83	-2.50%	Oct-01	410.75	-2.20%	Oct-02	410.75	-2.58%	Oct-03	412.90	-1.68%	Oct-04	406.45	-2.43%
Nov-00	417.78	-1.04%	Nov-01	416.67	-0.75%	Nov-02	422.22	0.20%	Nov-03	413.33	-1.58%	Nov-04	416.67	0.08%
Dec-00	426.88	1.11%	Dec-01	427.96	1.91%	Dec-02	425.81	1.04%	Dec-03	427.96	1.90%	Dec-04	420.43	0.97%
Average	422.12	-0.01%	Average	419.78	-0.02%	Average	421.37	-0.02%	Average	419.85	-0.02%	Average	416.33	-0.03%

STATE OF IDAHO
WATER DISTRICT 130
WATER MEASUREMENT ANNUAL REPORT

REPORTING YEAR 2004

RECEIVED
JAN 13 2005
Department of Water Resources
Southern Region

OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE

ATTENTION: Year end data must be submitted to Water District 130, 1341 Fillmore St Ste 200, Twin Falls ID, 83301, on or before **January 15** of the following year.

A separate reporting form must be submitted for each diversion. Refer to page 5 for instructions.

Reporter ID/Name:	_____	410032	_____
Water Source:	_____	10744	_____
Legal Description:	T_____	BOX CANYON CREEK	_____ 1/4
Site Tag No:	_____	08S 14E 28 NESWNE	_____
Diversion Name:	_____	A0001565	_____ 9
		BOX CANYON FARM	_____

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right Owner

Please check for address correction ☐

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

Operator or Contact Person (if different from owner)

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

Original Owner (if sold within last year)

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

SECTION II Water Measurement Log (*measurements must be recorded at least once per week and in units of cubic feet per second.*)

DAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1						
2	See attached					
3						
4	charts					
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30		-----				
31		-----		-----		-----

SECTION II Water Measurement Log (Continued). *(measurements must be recorded at least once per week and in units of cubic feet per second.)*

DAY	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31			-----		-----	

SECTION III Measuring Device Information

A. Type & Description of Measuring Device(s): _____

B. Period of Use: For seasonal or partial year diversion/use, show turn-on (start) and turn-off (end) dates:

Beginning diversion date 6 / 1 / 05 Ending diversion date _____ / _____ / _____
month day month day

C. Attach copies of all measuring device rating tables to this report (omit if previously supplied).

SECTION IV Modifications made to water system

Please describe in the space below any major modification made to the diversion works or measuring device during the reporting year. Attach drawings, sketches, notes or design information if needed.

SECTION V Certification

I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Terry Ruddick Farm Operations Mgr. 1/11/05
Signature Title Date

Reviewed
T. Winward
1-21-05

Box Canyon Farm

Water Flow Worksheet

Date: 8/18/04

#3	Difference
689	
737	48
786	49
834	48
883	49
931	48
979	48

#2	Difference
79	
122	43
164	42
206	42
248	42
291	43
333	42

#1	Difference
491	
535	44
578	43
622	44
665	43
710	45
754	44

* Average 48.3

Average 42.3

Average 43.8

CFS 107.41

CFS 94.07

CFS 97.41

Total Farm CFS = 298.89

Comment: hydro kw
 1 151
 2 144
 3 133
 t 426

* gal x 1000

**BOX CANYON WATERFLOWS
DEVELOPED - JULY 1997**

A SECTION INTO B SECTION

PONDS	INCHES OVER 5' WEIR	CFS EQUIVALENT
1A-2A-----	6 3/8-----	6.45
2A-2B-----	6 3/8-----	6.45
3A-3B-----	6 5/8-----	6.83
4A-4B-----	6 3/8-----	6.45
5A-5B-----	6 3/8-----	6.45
6A-6B-----	6 1/8-----	6.07
7A-7B-----	6 1/16-----	5.98
8A-8B-----	6 1/8-----	6.07
9A-9B-----	6 3/8-----	6.45
10A-10B----	6 1/8-----	6.07
11A-11B----	6 1/8-----	6.07
12A-12B----	6 5/16-----	6.35
13A-13B----	6 3/16-----	6.16
14A-14B----	6 3/16-----	6.16
15A-15B----	5 15/16-----	5.79
16A-16B----	6 1/16-----	5.98
17A-17B----	6 3/16-----	6.16
18A-18B----	6 1/4-----	6.26
19A-19B----	6 1/4-----	6.26
20A-20B----	6 1/8-----	6.07
21A-21B----	6 1/8-----	6.07
22A-22B----	6 1/4-----	6.26
23A-23B----	6 5/16-----	6.35
24A-24B----	6 5/8-----	6.83
25A-25B----	6 9/16-----	6.73
TOTAL CFS =		156.77

C SECTION INTO D SECTION

PONDS	INCHES OVER 5' WEIR	CFS EQUIVALENT
1C-1D-----	6 5/8-----	6.83
2C-2D-----	6 11/16-----	6.93
3C-3D-----	6 1/4-----	6.26
4C-4D-----	6 9/16-----	6.73
5C-5D-----	6 5/8-----	6.83
6C-6D-----	6 5/8-----	6.83
7C-7D-----	6 5/8-----	6.83
8C-8D-----	6 9/16-----	6.73
9C-9D-----	6 1/4-----	6.26
10C-10D----	6 1/4-----	6.26
11C-11D----	6 7/16-----	6.54
12C-12D----	6 3/16-----	6.16
13C-13D----	6 3/16-----	6.16
14C-14D----	6 15/16-----	5.79
15C-15D----	6 3/8-----	6.45
16C-16D----	6 1/8-----	6.07
17C-17D----	6 0/16-----	5.89
18C-18D----	6 1/8-----	6.07
19C-19D----	6 5/8-----	6.83
20C-20D----	6 3/8-----	6.45
21C-21D----	6 5/8-----	6.83
22C-22D----	5 11/16-----	5.54
23C-23D----	6 1/8-----	6.07
24C-24D----	6 3/16-----	6.45
25C-25D----	5 7/8-----	5.70
TOTAL CFS =		159.49

EASTMAN SECTION

PONDS	INCHES OVER 5' WEIR	CFS EQUIVALENT
1E-21E----	7 1/4-----	7.82
2E-22E----	7 13/16-----	8.75
3E-23E----	7 7/16-----	8.12
4E-24E----	7 3/16-----	7.72
5E-25E----	7 1/2-----	8.23
6E-26E----	6 3/4-----	7.02
7E-27E----	6 13/16-----	7.12
8E-28E----	6 3/4-----	7.02
9E-29E----	6 1/16-----	5.98
10E-30E----	6 11/16-----	6.93
11E-31E----	6 15/16-----	7.32
12E-32E----	6 7/8-----	7.22
13E-33E----	7 3/16-----	7.72
14E-34E----	7 7/16-----	8.12
15E-35E----	7 1/4-----	7.82
16E-36E----	7 1/4-----	7.82
17E-37E----	6 1/2-----	6.64
18E-38E----	7 0/16-----	7.42
19E-39E----	7 5/8-----	8.43
20E-40E----	7 1/2-----	8.23

BLUEHEART SECTION

PONDS	INCHES OVER 5' WEIR	CFS EQUIVALENT
1BH-SR----	6 5/16-----	6.35
2BH-SR----	6 6/16-----	6.45
3BH-SR----	6 7/16-----	6.54
4BH-SR----	6 5/16-----	6.35
5BH-23BH----	6 9/16-----	6.73
6BH-24BH----	6 9/16-----	6.73
7BH-25BH----	6 12/16-----	7.02
8BH-26BH----	6 12/16-----	7.02
9BH-27BH----	6 8/16-----	6.64
10BH-28BH----	6 4/16-----	6.26
11BH-29BH----	6 7/16-----	6.54
12BH-30BH----	6 15/16-----	7.32
13BH-31BH----	6 11/16-----	6.93
14BH-32BH----	6 8/16-----	6.64
15BH-33BH----	6 13/16-----	7.12
16BH-34BH----	7 1/18-----	7.62
17BH-35BH----	7 4/16-----	7.82
18BH-36BH----	7 6/16-----	8.02
19BH-37BH----	7 3/16-----	7.72
20BH-38BH----	7 5/8-----	8.43
21BH-39BH----	7 3/16-----	7.72
22BH-40BH----	7 5/16-----	7.92

Box Canyon Farm **Hydroelectric Operations Kilowatts Produced**

Month	Average KW per Month	% from Year Average	Month	Average Net KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average
Jan-89	450.29	4.01%	Jan-90	424.54	0.69%	Jan-91	429.09	1.31%	Jan-92	429.41	1.50%	Jan-93	435.76	3.17%
Feb-89	451.86	4.34%	Feb-90	418.30	-0.79%	Feb-91	429.65	1.44%	Feb-92	429.82	1.59%	Feb-93	426.83	1.14%
Mar-89	452.15	4.40%	Mar-90	428.98	1.72%	Mar-91	427.00	0.83%	Mar-92	430.99	1.86%	Mar-93	425.99	0.95%
Apr-89	446.08	3.10%	Apr-90	421.15	-0.11%	Apr-91	424.44	0.23%	Apr-92	438.57	3.55%	Apr-93	414.89	-1.70%
May-89	426.36	-1.38%	May-90	423.05	0.34%	May-91	423.42	-0.01%	May-92	410.24	-3.11%	May-93	424.64	0.63%
Jun-89	424.88	-1.73%	Jun-90	423.98	0.56%	Jun-91	424.51	0.25%	Jun-92	417.82	-1.24%	Jun-93	417.41	-1.09%
Jul-89	424.65	-1.79%	Jul-90	423.70	0.49%	Jul-91	422.13	-0.31%	Jul-92	417.35	-1.35%	Jul-93	414.61	-1.77%
Aug-89	417.53	-3.53%	Aug-90	412.41	-2.23%	Aug-91	423.94	0.11%	Aug-92	419.44	-0.85%	Aug-93	417.30	-1.12%
Sep-89	414.50	-4.28%	Sep-90	429.92	1.93%	Sep-91	419.47	-0.95%	Sep-92	429.01	1.40%	Sep-93	429.72	1.81%
Oct-89	417.13	-3.62%	Oct-90	406.07	-3.83%	Oct-91	413.05	-2.52%	Oct-92	404.07	-4.68%	Oct-93	411.34	-2.58%
Nov-89	419.76	-2.98%	Nov-90	420.17	-0.34%	Nov-91	415.84	-1.83%	Nov-92	423.44	0.11%	Nov-93	423.92	0.46%
Dec-89	441.80	2.16%	Dec-90	427.08	1.28%	Dec-91	428.97	1.28%	Dec-92	425.67	0.63%	Dec-93	421.14	-0.20%
Average	432.25	-0.11%	Average	421.61	-0.02%	Average	423.46	-0.01%	Average	422.99	-0.05%	Average	421.96	-0.03%

Month	Average KW per Month	% from Year Average	Month	Average Net KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average
Jan-94	442.08	3.85%	Jan-95	426.31	1.01%	Jan-96	422.58	0.46%	Jan-97	430.11	1.45%	Jan-98	431.18	1.89%
Feb-94	428.57	0.82%	Feb-95	428.34	1.48%	Feb-96	429.89	2.15%	Feb-97	432.14	1.91%	Feb-98	427.38	1.02%
Mar-94	429.03	0.93%	Mar-95	424.37	0.56%	Mar-96	419.35	-0.30%	Mar-97	426.88	0.70%	Mar-98	429.03	1.40%
Apr-94	416.32	-2.10%	Apr-95	425.92	0.92%	Apr-96	421.11	0.11%	Apr-97	426.67	0.65%	Apr-98	422.22	-0.19%
May-94	409.59	-3.77%	May-95	417.67	-1.03%	May-96	422.58	0.46%	May-97	421.51	-0.56%	May-98	421.51	-0.36%
Jun-94	438.05	2.97%	Jun-95	420.79	-0.28%	Jun-96	424.44	0.90%	Jun-97	420.00	-0.92%	Jun-98	421.11	-0.45%
Jul-94	426.09	0.25%	Jul-95	426.38	1.03%	Jul-96	419.35	-0.30%	Jul-97	418.28	-1.34%	Jul-98	424.73	0.40%
Aug-94	427.24	0.51%	Aug-95	411.17	-2.63%	Aug-96	426.88	1.46%	Aug-97	427.96	0.95%	Aug-98	424.73	0.40%
Sep-94	411.83	-3.21%	Sep-95	419.91	-0.50%	Sep-96	416.67	-0.95%	Sep-97	417.78	-1.46%	Sep-98	418.89	-0.98%
Oct-94	413.81	-2.71%	Oct-95	413.57	-2.04%	Oct-96	408.60	-2.94%	Oct-97	413.98	-2.39%	Oct-98	415.05	-1.92%
Nov-94	424.81	-0.06%	Nov-95	423.63	0.39%	Nov-96	418.89	-0.41%	Nov-97	422.22	-0.39%	Nov-98	415.56	-1.79%
Dec-94	433.11	1.86%	Dec-95	425.81	0.90%	Dec-96	417.20	-0.82%	Dec-97	429.03	1.20%	Dec-98	424.73	0.40%
Average	425.04	-0.05%	Average	421.99	-0.02%	Average	420.63	-0.02%	Average	423.88	-0.02%	Average	423.01	-0.01%

Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average
Jan-99	424.73	0.95%	Jan-00	427.96	1.36%	Jan-01	422.58	0.66%	Jan-02	429.03	1.79%	Jan-03	427.96	1.90%
Mar-99	425.00	1.02%	Feb-00	422.99	0.21%	Mar-01	425.00	1.23%	Mar-02	426.19	1.13%	Mar-03	428.57	2.03%
Mar-99	427.96	1.70%	Mar-00	426.88	1.11%	Mar-01	422.58	0.66%	Mar-02	430.11	2.03%	Mar-03	421.51	0.39%
Apr-99	424.44	0.89%	Apr-00	425.56	0.81%	Apr-01	424.44	1.10%	Apr-02	421.11	-0.06%	Apr-03	420.00	0.04%
May-99	417.20	-0.83%	May-00	421.51	-0.14%	May-01	407.53	-3.01%	May-02	417.20	-1.00%	May-03	421.51	0.39%
Jun-99	417.78	-0.69%	Jun-00	421.11	-0.24%	Jun-01	415.56	-1.02%	Jun-02	416.67	-1.13%	Jun-03	415.56	-1.03%
Jul-99	419.35	-0.32%	Jul-00	423.66	0.36%	Jul-01	418.28	-0.36%	Jul-02	421.51	0.03%	Jul-03	415.05	-1.16%
Aug-99	420.43	-0.06%	Aug-00	421.51	-0.14%	Aug-01	419.35	-0.10%	Aug-02	425.81	1.04%	Aug-03	418.28	-0.38%
Sep-99	421.11	0.10%	Sep-00	417.78	-1.04%	Sep-01	426.67	1.61%	Sep-02	410.00	-2.77%	Sep-03	415.56	-1.03%
Oct-99	410.75	-2.42%	Oct-00	411.83	-2.50%	Oct-01	410.75	-2.20%	Oct-02	410.75	-2.58%	Oct-03	412.90	-1.68%
Nov-99	422.22	0.36%	Nov-00	417.78	-1.04%	Nov-01	416.67	-0.75%	Nov-02	422.22	0.20%	Nov-03	413.33	-1.58%
Dec-99	417.20	-0.83%	Dec-00	426.88	1.11%	Dec-01	427.96	1.91%	Dec-02	425.81	1.04%	Dec-03	427.96	1.90%
Average	420.68	-0.01%	Average	422.12	-0.01%	Average	419.78	-0.02%	Average	421.37	-0.02%	Average	419.85	-0.02%

CLEAR LAKE 2 W/5.0

WEEKLY PROJECTION

MONTH ENDING

11/30/96

	25-Jan	01-Feb	08-Feb	15-Feb	22-Feb	01-Mar	08-Mar	15-Mar
CLASS 1	0	0	0	0	0	0	0	0
CLASS 2	373341	353624	426637	423376	549650	599117	559446	504866
CLASS 3	231816	267159	327234	344355	158792	55005	36011	95824
CLASS 4	340202	319452	121352	48313	122490	201878	181882	455759
CLASS 5	120228	44696	211170	189563	470572	363168	359488	111391
CLASS 6	148059	346146	370888	368244	0	113051	112147	0
CLASS 7	200581	210198	0	114736	113963	0	181403	180038
CLASS 8	211625	116299	115515	0	183874	182634	0	197948
CLASS 9	117088	0	93956	184715	0	199762	198853	0
CLASS 10	0	186407	91603	103154	200675	0	221747	220738
CLASS 11	187259	104099	202513	98438	223778	222760	285989	284689
CLASS 12	104575	99340	225828	318454	288609	287296	0	0
CLASS 13	422635	321372	291253	196275	0	0	0	0
CLASS 14	198979	198073	0	0	0	0	0	0
CLASS 15	0	0	0	0	0	0	0	0
CLASS 16	0	0	0	0	0	0	0	1387
CLASS 17	0	0	0	0	0	0	1393	0
CLASS 18	0	0	0	0	0	0	0	0
CLASS 19	0	0	0	0	0	0	0	0
CLASS 20+	0	0	0	0	0	0	0	0
T. POP.	2656388	2566865	2477949	2389623	2312403	2224671	2138359	2052640
CL2 SC	1.299	1.298	1.332	1.331	1.344	1.336	1.3	1.262

CLASS 1	0	0	0	0	0	0	0	0
CLASS 2	287338	272515	320207	318064	408998	448443	430422	399996
CLASS 3	143594	168204	201932	217549	102314	34958	22139	58818
CLASS 4	184780	178161	66847	25491	64109	106380	101086	242436
CLASS 5	56337	20472	91547	87145	206552	166267	175518	49071
CLASS 6	53676	129420	135215	145507	0	42341	45404	0
CLASS 7	66792	66942	0	36774	39570	0	55901	60933
CLASS 8	60728	31263	33776	0	47093	51446	0	51958
CLASS 9	28698	0	19574	42808	0	42914	47219	0
CLASS 10	0	34915	19044	18789	39157	0	40611	44189
CLASS 11	31217	15468	31475	16298	32980	36697	42434	46345
CLASS 12	13833	12433	26678	41062	35355	38681	0	0
CLASS 13	40595	33516	28894	20917	0	0	0	0
CLASS 14	14428	16428	0	0	0	0	0	0
CLASS 15	0	0	0	0	0	0	0	0
CLASS 16	0	0	0	0	0	0	0	61
CLASS 17	0	0	0	0	0	0	49	0
CLASS 18	0	0	0	0	0	0	0	0
CLASS 19	0	0	0	0	0	0	0	0
CLASS 20+	0	0	0	0	0	0	0	0
T. LBS.	982016	979737	975189	970404	976128	968127	960783	953807

.9	0	0	0	0	0	0	0	0
1.25	101402	91278	94285	101949	89066	69388	118678	189107
1.60	239063	295278	296372	374570	418245	401456	323750	221524
2	275247	232324	198329	84585	68110	118937	111219	290619
2.5	56337	20472	91547	148133	206552	166267	220922	49071
P. LBS.	672049	639352	680533	709237	781973	756048	774569	750321

A fee is required with this form. Please see page 4.

NTD1:12/00

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WATER MEASUREMENT ANNUAL REPORT

REPORTING YEAR 2003

RECEIVED
JAN 14 2004
Department of Water Resources
Southern Region

OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources, 1341 Fillmore St Ste 200, Twin Falls ID, 83301, on or before January 15 of the following year.

A separate reporting form must be submitted for each diversion. Refer to page 5 for instructions.

Name:	10744	410032
Water Source:	TERRY HUDDLESTON CLEAR SPRINGS FOODS	
Water Right No:	08S 14E 28 NESWNE	
Legal Description:	A0001565	
Site Tag No:	BOX CANYON FARM	9
Diversion Name:		

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right Owner

Please check for address correction

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

Operator or Contact Person (if different from owner)

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

Original Owner (if sold within last year)

Name _____
Last, First, MI

Phone _____

Address _____

City, State & Zip _____

SECTION II Water Measurement Log (measurements must be recorded at least once per week and in units of cubic feet per second.)

DAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
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CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

UPDATE DATE
12/30/03

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

DATE	C.F.S	1995 VAR.	> *	C.F.S	1996 VAR.	> *	C.F.S	1997 VAR.	> *	C.F.S	1998 VAR.	> *	WEEK OF	C.F.S	1999 VAR.	> *	C.F.S	2000 VAR.	> *	C.F.S	2001 VAR.	> *	C.F.S	2002 VAR.	> *	C.F.S	2003 VAR.	> *
07-Jan	294.07	0.00	A	296.39	0.00	A	296.19	0.00	A	298.50	0.00	A	04-Jan	299.26	0.00	A	299.26	0.00	A	299.33	0.00	A	299.26	0.00	A	301.48	0.00	A
14-Jan	294.07	0.00	A	296.39	0.00	A	296.19	0.00	A	298.50	0.00	A	11-Jan	299.26	0.00	A	299.26	0.00	A	299.33	0.00	A	299.26	0.00	A	301.48	0.00	A
21-Jan	294.07	0.00	A	296.39	0.00	A	298.89	2.70		298.50	0.00	A	18-Jan	299.26	0.00	A	297.41	-1.85		299.33	0.00	A	299.26	0.00	A	301.48	0.00	A
28-Jan	294.07	0.00		295.11	-1.28		298.89	0.00	A	298.50	0.00	A	25-Jan	299.26	0.00	A	297.41	0.00	A	299.33	0.00	A	299.26	0.00	A	301.48	0.00	A
04-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	298.50	0.00	A	01-Feb	299.26	0.00	A	297.41	0.00	A	299.33	0.00	A	299.26	0.00	A	301.48	0.00	A
11-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	298.50	0.00	A	08-Feb	299.26	0.00	A	297.41	0.00	A	299.33	0.00	A	299.26	0.00	A	301.48	0.00	A
18-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	298.15	-0.35		15-Feb	299.26	0.00	A	297.41	0.00	A	299.33	0.00	A	299.26	0.00	A	301.48	0.00	A
25-Feb	296.83	2.76		295.11	0.00	A	298.89	0.00	A	298.15	0.00	A	22-Feb	300.37	1.11		297.41	0.00	A	298.15	-1.18		299.26	0.00	A	299.26	-2.22	
03-Mar	296.83	0.00		295.11	0.00	A	297.77	-1.12		298.15	0.00	A	01-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A	299.26	0.00	A	299.26	0.00	A
10-Mar	296.83	0.00		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	08-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A	299.26	0.00	A	299.26	0.00	A
17-Mar	296.83	0.00		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	15-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A	299.26	0.00	A	299.26	0.00	A
24-Mar	294.72	-2.11		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	22-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A	299.26	0.00	A	299.26	0.00	A
31-Mar	294.72	0.00		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	29-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A	299.26	0.00	A	299.26	0.00	A
07-Apr	294.72	0.00		295.87	0.76	A	297.77	0.00	A	298.15	0.00	A	05-Apr	300.37	0.00	A	299.63	2.22		298.15	0.00	A	299.26	0.00	A	299.26	0.00	A
14-Apr	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.15	0.00	A	12-Apr	300.37	0.00	A	299.63	0.00	A	298.15	0.00	A	299.26	0.00	A	299.26	0.00	A
21-Apr	292.38	-2.34		295.87	0.00	A	297.77	0.00	A	298.89	0.74		19-Apr	300.37	0.00	A	299.63	0.00	A	298.15	0.00	A	298.15	-1.11		299.26	0.00	A
28-Apr	294.72	2.34		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A	26-Apr	300.37	0.00	A	299.63	0.00	A	302.22	4.07		298.15	0.00	A	299.26	0.00	A
05-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A	03-May	300.37	0.00	A	299.63	0.00	A	302.22	0.00	A	298.15	0.00	A	299.26	0.00	A
12-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A	10-May	298.52	-1.85		299.63	0.00	A	302.22	0.00	A	298.15	0.00	A	299.26	0.00	A
19-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A	17-May	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A	298.15	0.00	A	299.26	0.00	A
26-May	294.53	-0.19		295.87	0.00	A	298.22	0.45		298.89	0.00	A	24-May	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A	298.15	0.00	A	299.26	0.00	A
02-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	298.89	0.00	A	31-May	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A	298.15	0.00	A	299.26	0.00	A
09-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	298.89	0.00	A	07-Jun	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A	298.15	0.00	A	299.26	0.00	A
16-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	298.89	0.00	A	14-Jun	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A	298.15	0.00	A	297.78	-1.48	
23-Jun	294.53	0.00		297.78	1.91		298.22	0.00	A	298.52	-0.37		21-Jun	298.52	0.00	A	297.78	-1.85		302.22	0.00	A	298.52	0.37		297.78	0.00	A
30-Jun	294.53	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	28-Jun	298.52	0.00	A	297.78	0.00	A	298.89	-3.33		298.52	0.00	A	297.78	0.00	A
07-Jul	294.53	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	05-Jul	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A	298.52	0.00	A	297.78	0.00	A
14-Jul	294.53	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	12-Jul	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A	298.52	0.00	A	297.78	0.00	A
21-Jul	294.81	0.28		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	19-Jul	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A	298.52	0.00	A	297.78	0.00	A
28-Jul	294.81	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	26-Jul	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A	298.52	0.00	A	298.52	0.74	
04-Aug	294.81	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	02-Aug	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A	298.52	0.00	A	298.52	0.00	A
11-Aug	294.81	0.00		297.78	0.00	A	298.50	0.28		298.52	0.00	A	09-Aug	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A	298.52	0.00	A	298.52	0.00	A
18-Aug	294.81	0.00		297.78	0.00	A	298.50	0.00	A	298.52	0.00	A	16-Aug	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A	298.52	0.00	A	298.52	0.00	A
25-Aug	294.56	-0.25		297.73	-0.05		298.50	0.00	A	298.52	0.00	A	23-Aug	298.52	0.00	A	298.52	0.74		299.63	0.74		298.15	-0.37		298.52	0.00	A
01-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	30-Aug	298.52	0.00	A	298.52	0.00	A	299.63	0.00	A	298.15	0.00	A	298.52	0.00	A
08-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	06-Sep	298.52	0.00	A	298.52	0.00	A	299.63	0.00	A	298.15	0.00	A	298.52	0.00	A
15-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	13-Sep	300.00	1.48		298.52	0.00	A	299.63	0.00	A	298.15	0.00	A	298.52	0.00	A
22-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	20-Sep	300.00	0.00	A	298.52	0.00	A	299.63	0.00	A	298.15	0.00	A	298.52	0.00	A
29-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	27-Sep	300.00	0.00	A	298.52	0.00	A	299.63	0.00	A	298.15	0.00	A	298.52	0.00	A
06-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	04-Oct	300.00	0.00	A	298.52	0.00	A	299.63	0.00	A	298.15	0.00	A	298.52	0.00	A
13-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	11-Oct	300.00	0.00	A	298.52	0.00	A	299.63	0.00	A	298.15	0.00	A	298.52	0.00	A
20-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	18-Oct	300.00	0.00	A	299.63	1.11		299.63	0.00	A	298.15	0.00	A	298.52	0.00	A
27-Oct	295.44	0.88		296.19	-1.54		298.50	0.00	A	298.52	0.00	A	25-Oct	300.00	0.00	A	299.63	0.00	A	300.00	0.37		298.15	0.00	A	298.52	0.00	A
03-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	01-Nov	300.00	0.00	A	299.63	0.00	A	300.00	0.00	A	298.15	0.00	A	298.52	0.00	A
10-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	08-Nov	300.00	0.00	A	299.63	0.00	A	300.00	0.00	A	298.15	0.00	A	298.52	0.00	A
17-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	15-Nov	300.00	0.00	A	299.63	0.00	A	300.00	0.00	A	298.15	0.00	A	298.52	0.00	A
24-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	22-Nov	299.26	-0.74		299.63	0.00	A	300.00	0.00	A	298.15	0.00	A	298.52	0.00	A
01-Dec	296.39	0.95		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	29-Nov	299.26	0.00	A	299.63	0.00	A	300.00	0.00	A	298.15	0.00	A	298.52	0.00	A
08-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	06-Dec	299.26	0.00	A	299.63	0.00	A	300.								

SECTION II Water Measurement Log (Continued). *(measurements must be recorded at least once per week and in units of cubic feet per second.)*

DAY	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER
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Cindy Yenter
State of Idaho - Department of Water Resources
1341 Fillmore Street
Suite 200
Twin Falls, Idaho. 83301-3380

January 6, 2004

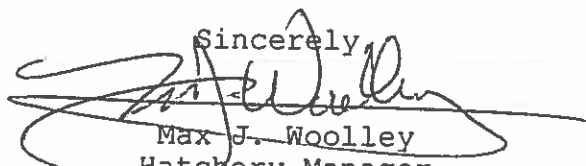
Dear Cindy:

When Tim Luke toured the Box Canyon facility with me in March 1995, I showed him our hydroelectric plant and explained how the kilowatt output readings were an excellent double check to our monthly water flow meter readings. Although the amount of power produced is reduced by debris in our influent waters, kilowatt output is essentially a direct result of water flow. As I did last year, I've listed the records of average kilowatts produced for the year just completed at Box Canyon.

Month of 2003	Average Gross Kilowatts	Percent Difference from Yearly Average
January	427.96	1.90%
February	428.57	2.03%
March	421.51	0.39%
April	420.00	0.04%
May	421.51	0.39%
June	415.56	-1.03%
July	415.05	-1.16%
August	418.28	-0.38%
September	415.56	-1.03%
October	412.90	-1.68%
November	413.33	-1.58%
December	427.96	1.90%
Average	419.85	-0.02%

While there were highs and lows due to debris, no monthly average varied more than 4% from the years overall average. The greatest difference occurred in October, as it often does, when dead leaves in our influent waters are always substantial. As I have done in the past, I also included our kilowatt output for the last fifteen years.

Sincerely,


Max J. Woolley
Hatchery Manager
Box Canyon Farm

Box Canyon Farm **Hydroelectric Operations Kilowatts Produced**

Month	Average KW per Month	% from Year Average	Month	Average Net KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average
Jan-89	450.29	4.01%	Jan-90	424.54	0.69%	Jan-91	429.09	1.31%	Jan-92	429.41	1.50%	Jan-93	435.76	3.17%
Feb-89	451.86	4.34%	Feb-90	418.30	-0.79%	Feb-91	429.65	1.44%	Feb-92	429.82	1.59%	Feb-93	426.83	1.14%
Mar-89	452.15	4.40%	Mar-90	428.98	1.72%	Mar-91	427.00	0.83%	Mar-92	430.99	1.86%	Mar-93	425.99	0.95%
Apr-89	446.08	3.10%	Apr-90	421.15	-0.11%	Apr-91	424.44	0.23%	Apr-92	438.57	3.55%	Apr-93	414.89	-1.70%
May-89	426.36	-1.38%	May-90	423.05	0.34%	May-91	423.42	-0.01%	May-92	410.24	-3.11%	May-93	424.64	0.63%
Jun-89	424.88	-1.73%	Jun-90	423.98	0.56%	Jun-91	424.51	0.25%	Jun-92	417.82	-1.24%	Jun-93	417.41	-1.09%
Jul-89	424.65	-1.79%	Jul-90	423.70	0.49%	Jul-91	422.13	-0.31%	Jul-92	417.35	-1.35%	Jul-93	414.61	-1.77%
Aug-89	417.53	-3.53%	Aug-90	412.41	-2.23%	Aug-91	423.94	0.11%	Aug-92	419.44	-0.85%	Aug-93	417.30	-1.12%
Sep-89	414.50	-4.28%	Sep-90	429.92	1.93%	Sep-91	419.47	-0.95%	Sep-92	429.01	1.40%	Sep-93	429.72	1.81%
Oct-89	417.13	-3.62%	Oct-90	406.07	-3.83%	Oct-91	413.05	-2.52%	Oct-92	404.07	-4.68%	Oct-93	411.34	-2.58%
Nov-89	419.76	-2.98%	Nov-90	420.17	-0.34%	Nov-91	415.84	-1.83%	Nov-92	423.44	0.11%	Nov-93	423.92	0.46%
Dec-89	441.80	2.16%	Dec-90	427.08	1.28%	Dec-91	428.97	1.28%	Dec-92	425.67	0.63%	Dec-93	421.14	-0.20%
Average	432.25	-0.11%	Average	421.61	-0.02%	Average	423.46	-0.01%	Average	422.99	-0.05%	Average	421.96	-0.03%

Month	Average KW per Month	% from Year Average	Month	Average Net KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average
Jan-94	442.08	3.85%	Jan-95	426.31	1.01%	Jan-96	422.58	0.46%	Jan-97	430.11	1.45%	Jan-98	431.18	1.89%
Feb-94	428.57	0.82%	Feb-95	428.34	1.48%	Feb-96	429.89	2.15%	Feb-97	432.14	1.91%	Feb-98	427.38	1.02%
Mar-94	429.03	0.93%	Mar-95	424.37	0.56%	Mar-96	419.35	-0.30%	Mar-97	426.88	0.70%	Mar-98	429.03	1.40%
Apr-94	416.32	-2.10%	Apr-95	425.92	0.92%	Apr-96	421.11	0.11%	Apr-97	426.67	0.65%	Apr-98	422.22	-0.19%
May-94	409.59	-3.77%	May-95	417.67	-1.03%	May-96	422.58	0.46%	May-97	421.51	-0.56%	May-98	421.51	-0.36%
Jun-94	438.05	2.97%	Jun-95	420.79	-0.28%	Jun-96	424.44	0.90%	Jun-97	420.00	-0.92%	Jun-98	421.11	-0.45%
Jul-94	426.09	0.25%	Jul-95	426.38	1.03%	Jul-96	419.35	-0.30%	Jul-97	418.28	-1.34%	Jul-98	424.73	0.40%
Aug-94	427.24	0.51%	Aug-95	411.17	-2.63%	Aug-96	426.88	1.46%	Aug-97	427.96	0.95%	Aug-98	424.73	0.40%
Sep-94	411.83	-3.21%	Sep-95	419.91	-0.50%	Sep-96	416.67	-0.95%	Sep-97	417.78	-1.46%	Sep-98	418.89	-0.98%
Oct-94	413.81	-2.71%	Oct-95	413.57	-2.04%	Oct-96	408.60	-2.94%	Oct-97	413.98	-2.39%	Oct-98	415.05	-1.92%
Nov-94	424.81	-0.06%	Nov-95	423.63	0.39%	Nov-96	418.89	-0.41%	Nov-97	422.22	-0.39%	Nov-98	415.56	-1.79%
Dec-94	433.11	1.86%	Dec-95	425.81	0.90%	Dec-96	417.20	-0.82%	Dec-97	429.03	1.20%	Dec-98	424.73	0.40%
Average	425.04	-0.05%	Average	421.99	-0.02%	Average	420.63	-0.02%	Average	423.88	-0.02%	Average	423.01	-0.01%

Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average
Jan-99	424.73	0.95%	Jan-00	427.96	1.36%	Jan-01	422.58	0.66%	Jan-02	429.03	1.79%	Jan-03	427.96	1.90%
Mar-99	425.00	1.02%	Feb-00	422.99	0.21%	Mar-01	425.00	1.23%	Mar-02	426.19	1.13%	Mar-03	428.57	2.03%
Mar-99	427.96	1.70%	Mar-00	426.88	1.11%	Mar-01	422.58	0.66%	Mar-02	430.11	2.03%	Mar-03	421.51	0.39%
Apr-99	424.44	0.89%	Apr-00	425.56	0.81%	Apr-01	424.44	1.10%	Apr-02	421.11	-0.06%	Apr-03	420.00	0.04%
May-99	417.20	-0.83%	May-00	421.51	-0.14%	May-01	407.53	-3.01%	May-02	417.20	-1.00%	May-03	421.51	0.39%
Jun-99	417.78	-0.69%	Jun-00	421.11	-0.24%	Jun-01	415.56	-1.02%	Jun-02	416.67	-1.13%	Jun-03	415.56	-1.03%
Jul-99	419.35	-0.32%	Jul-00	423.66	0.36%	Jul-01	418.28	-0.36%	Jul-02	421.51	0.03%	Jul-03	415.05	-1.16%
Aug-99	420.43	-0.06%	Aug-00	421.51	-0.14%	Aug-01	419.35	-0.10%	Aug-02	425.81	1.04%	Aug-03	418.28	-0.38%
Sep-99	421.11	0.10%	Sep-00	417.78	-1.04%	Sep-01	426.67	1.61%	Sep-02	410.00	-2.77%	Sep-03	415.56	-1.03%
Oct-99	410.75	-2.42%	Oct-00	411.83	-2.50%	Oct-01	410.75	-2.20%	Oct-02	410.75	-2.58%	Oct-03	412.90	-1.68%
Nov-99	422.22	0.36%	Nov-00	417.78	-1.04%	Nov-01	416.67	-0.75%	Nov-02	422.22	0.20%	Nov-03	413.33	-1.58%
Dec-99	417.20	-0.83%	Dec-00	426.88	1.11%	Dec-01	427.96	1.91%	Dec-02	425.81	1.04%	Dec-03	427.96	1.90%
Average	420.68	-0.01%	Average	422.12	-0.01%	Average	419.78	-0.02%	Average	421.37	-0.02%	Average	419.85	-0.02%

Mr. Tim Luke or Cindy Hodges
State of Idaho - Department of Water Resources
1303 North Orchard Street
State House Mail
Boise, Idaho. 83720-9000

January 7, 2003

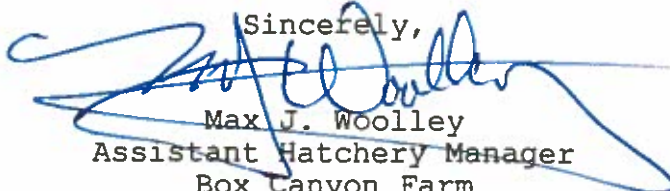
Dear Tim or Cindy:

When Tim toured the Box Canyon facility with me in March 1995, I showed him our hydroelectric plant and explained how the kilowatt output readings were an excellent double check to our monthly water flow meter readings. Although the amount of power produced is reduced by debris in our influent waters, kilowatt output is essentially a direct result of water flow. As I did last year, I've listed the records of average kilowatts produced for the year just completed at Box Canyon.

Month of 2002	Average Gross Kilowatts	Percent Difference from Yearly Average
January	429.03	1.79%
February	426.19	1.13%
March	430.11	2.03%
April	421.11	-0.06%
May	417.20	-1.00%
June	416.67	-1.13%
July	421.51	0.03%
August	425.81	1.04%
September	410.00	-2.77%
October	410.75	-2.58%
November	422.22	0.20%
December	425.81	1.04%
Average	421.37	-0.02%

While there were highs and lows due to debris, no monthly average varied more than 4% from the years overall average. The greatest difference occurred in September and October when dead leaves in our influent waters are always substantial. As I have done in the past, I also included our kilowatt output for the last fifteen years.

Sincerely,


Max J. Woolley
Assistant Hatchery Manager
Box Canyon Farm

Box Canyon Farm **Hydroelectric Operations Kilowatts Produced**

Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average Net KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average
Jan-88	447.11	0.22%	Jan-89	450.29	4.01%	Jan-90	424.54	0.69%	Jan-91	429.09	1.31%	Jan-92	429.41	1.50%
Feb-88	450.05	0.87%	Feb-89	451.86	4.34%	Feb-90	418.30	-0.79%	Feb-91	429.65	1.44%	Feb-92	429.82	1.59%
Mar-88	449.71	0.79%	Mar-89	452.15	4.40%	Mar-90	428.98	1.72%	Mar-91	427.00	0.83%	Mar-92	430.99	1.86%
Apr-88	448.40	0.50%	Apr-89	446.08	3.10%	Apr-90	421.15	-0.11%	Apr-91	424.44	0.23%	Apr-92	438.57	3.55%
May-88	445.70	-0.10%	May-89	426.36	-1.38%	May-90	423.05	0.34%	May-91	423.42	-0.01%	May-92	410.24	-3.11%
Jun-88	451.25	1.13%	Jun-89	424.88	-1.73%	Jun-90	423.98	0.56%	Jun-91	424.51	0.25%	Jun-92	417.82	-1.24%
Jul-88	449.06	0.65%	Jul-89	424.65	-1.79%	Jul-90	423.70	0.49%	Jul-91	422.13	-0.31%	Jul-92	417.35	-1.35%
Aug-88	441.98	-0.94%	Aug-89	417.53	-3.53%	Aug-90	412.41	-2.23%	Aug-91	423.94	0.11%	Aug-92	419.44	-0.85%
Sep-88	440.60	-1.26%	Sep-89	414.50	-4.28%	Sep-90	429.92	1.93%	Sep-91	419.47	-0.95%	Sep-92	429.01	1.40%
Oct-88	433.60	-2.89%	Oct-89	417.13	-3.62%	Oct-90	406.07	-3.83%	Oct-91	413.05	-2.52%	Oct-92	404.07	-4.68%
Nov-88	454.42	1.82%	Nov-89	419.76	-2.98%	Nov-90	420.17	-0.34%	Nov-91	415.84	-1.83%	Nov-92	423.44	0.11%
Dec-88	441.86	-0.97%	Dec-89	441.80	2.16%	Dec-90	427.08	1.28%	Dec-91	428.97	1.28%	Dec-92	425.67	0.63%
Average	446.15	-0.02%	Average	432.25	-0.11%	Average	421.61	-0.02%	Average	423.46	-0.01%	Average	422.99	-0.05%

Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average Net KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average
Jan-93	435.76	3.17%	Jan-94	442.08	3.85%	Jan-95	426.31	1.01%	Jan-96	422.58	0.46%	Jan-97	430.11	1.45%
Feb-93	426.83	1.14%	Feb-94	428.57	0.82%	Feb-95	428.34	1.48%	Feb-96	429.89	2.15%	Mar-97	432.14	1.91%
Mar-93	425.99	0.95%	Mar-94	429.03	0.93%	Mar-95	424.37	0.56%	Mar-96	419.35	-0.30%	Mar-97	426.88	0.70%
Apr-93	414.89	-1.70%	Apr-94	416.32	-2.10%	Apr-95	425.92	0.92%	Apr-96	421.11	0.11%	Apr-97	426.67	0.65%
May-93	424.64	0.63%	May-94	409.59	-3.77%	May-95	417.67	-1.03%	May-96	422.58	0.46%	May-97	421.51	-0.56%
Jun-93	417.41	-1.09%	Jun-94	438.05	2.97%	Jun-95	420.79	-0.28%	Jun-96	424.44	0.90%	Jun-97	420.00	-0.92%
Jul-93	414.61	-1.77%	Jul-94	426.09	0.25%	Jul-95	426.38	1.03%	Jul-96	419.35	-0.30%	Jul-97	418.28	-1.34%
Aug-93	417.30	-1.12%	Aug-94	427.24	0.51%	Aug-95	411.17	-2.63%	Aug-96	426.88	1.46%	Aug-97	427.96	0.95%
Sep-93	429.72	1.81%	Sep-94	411.83	-3.21%	Sep-95	419.91	-0.50%	Sep-96	416.67	-0.95%	Sep-97	417.78	-1.46%
Oct-93	411.34	-2.58%	Oct-94	413.81	-2.71%	Oct-95	413.57	-2.04%	Oct-96	408.60	-2.94%	Oct-97	413.98	-2.39%
Nov-93	423.92	0.46%	Nov-94	424.81	-0.06%	Nov-95	423.63	0.39%	Nov-96	418.89	-0.41%	Nov-97	422.22	-0.39%
Dec-93	421.14	-0.20%	Dec-94	433.11	1.86%	Dec-95	425.81	0.90%	Dec-96	417.20	-0.82%	Dec-97	429.03	1.20%
Average	421.96	-0.03%	Average	425.04	-0.05%	Average	421.99	-0.02%	Average	420.63	-0.02%	Average	423.88	-0.02%

Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average Net KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average
Jan-98	431.18	1.89%	Jan-99	424.73	0.95%	Jan-00	427.96	1.36%	Jan-01	422.58	0.66%	Jan-02	429.03	1.79%
Mar-98	427.38	1.02%	Mar-99	425.00	1.02%	Feb-00	422.99	0.21%	Mar-01	425.00	1.23%	Mar-02	426.19	1.13%
Mar-98	429.03	1.40%	Mar-99	427.96	1.70%	Mar-00	426.88	1.11%	Mar-01	422.58	0.66%	Mar-02	430.11	2.03%
Apr-98	422.22	-0.19%	Apr-99	424.44	0.89%	Apr-00	425.56	0.81%	Apr-01	424.44	1.10%	Apr-02	421.11	-0.06%
May-98	421.51	-0.36%	May-99	417.20	-0.83%	May-00	421.51	-0.14%	May-01	407.53	-3.01%	May-02	417.20	-1.00%
Jun-98	421.11	-0.45%	Jun-99	417.78	-0.69%	Jun-00	421.11	-0.24%	Jun-01	415.56	-1.02%	Jun-02	416.67	-1.13%
Jul-98	424.73	0.40%	Jul-99	419.35	-0.32%	Jul-00	423.66	0.36%	Jul-01	418.28	-0.36%	Jul-02	421.51	0.03%
Aug-98	424.73	0.40%	Aug-99	420.43	-0.06%	Aug-00	421.51	-0.14%	Aug-01	419.35	-0.10%	Aug-02	425.81	1.04%
Sep-98	418.89	-0.98%	Sep-99	421.11	0.10%	Sep-00	417.78	-1.04%	Sep-01	426.67	1.61%	Sep-02	410.00	-2.77%
Oct-98	415.05	-1.92%	Oct-99	410.75	-2.42%	Oct-00	411.83	-2.50%	Oct-01	410.75	-2.20%	Oct-02	410.75	-2.58%
Nov-98	415.56	-1.79%	Nov-99	422.22	0.36%	Nov-00	417.78	-1.04%	Nov-01	416.67	-0.75%	Nov-02	422.22	0.20%
Dec-98	424.73	0.40%	Dec-99	417.20	-0.83%	Dec-00	426.88	1.11%	Dec-01	427.96	1.91%	Dec-02	425.81	1.04%
Average	423.01	-0.01%	Average	420.68	-0.01%	Average	422.12	-0.01%	Average	419.78	-0.02%	Average	421.37	-0.02%

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

UPDATE DATE
12/30/02

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

410032
Box Canyon

DATE	<----- C.F.S	1995 VAR.	> <----- * C.F.S	1996 VAR.	> <----- * C.F.S	1997 VAR.	> <----- * C.F.S	1998 VAR.	> <----- * C.F.S	WEEK OF	<----- C.F.S	1999 VAR.	> <----- * C.F.S	2000 VAR.	> <----- * C.F.S	2001 VAR.	> <----- * C.F.S	2002 VAR.	> <----- * C.F.S
07-Jan	294.07	0.00	A	296.39	0.00	A	296.19	0.00	A	04-Jan	299.26	0.00	A	299.26	0.00	A	299.33	0.00	A
14-Jan	294.07	0.00	A	296.39	0.00	A	296.19	0.00	A	11-Jan	299.26	0.00	A	299.26	0.00	A	299.33	0.00	A
21-Jan	294.07	0.00	A	296.39	0.00	A	298.89	2.70	A	18-Jan	299.26	0.00	A	297.41	-1.85	A	299.33	0.00	A
28-Jan	294.07	0.00		295.11	-1.28	A	298.89	0.00	A	25-Jan	299.26	0.00	A	297.41	0.00	A	299.33	0.00	A
04-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	01-Feb	299.26	0.00	A	297.41	0.00	A	299.33	0.00	A
11-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	08-Feb	299.26	0.00	A	297.41	0.00	A	299.33	0.00	A
18-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	15-Feb	299.26	0.00	A	297.41	0.00	A	299.33	0.00	A
25-Feb	296.83	2.76		295.11	0.00	A	298.89	0.00	A	22-Feb	300.37	1.11		297.41	0.00	A	298.15	-1.18	A
03-Mar	296.83	0.00		295.11	0.00	A	297.77	-1.12	A	01-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A
10-Mar	296.83	0.00		295.11	0.00	A	297.77	0.00	A	08-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A
17-Mar	296.83	0.00		295.11	0.00	A	297.77	0.00	A	15-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A
24-Mar	294.72	-2.11		295.11	0.00	A	297.77	0.00	A	22-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A
31-Mar	294.72	0.00		295.11	0.00	A	297.77	0.00	A	29-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A
07-Apr	294.72	0.00		295.87	0.76	A	297.77	0.00	A	05-Apr	300.37	0.00	A	299.63	2.22		298.15	0.00	A
14-Apr	294.72	0.00		295.87	0.00	A	297.77	0.00	A	12-Apr	300.37	0.00	A	299.63	0.00	A	298.15	0.00	A
21-Apr	292.38	-2.34		295.87	0.00	A	297.77	0.00	A	19-Apr	300.37	0.00	A	299.63	0.00	A	298.15	0.00	A
28-Apr	294.72	2.34		295.87	0.00	A	297.77	0.00	A	26-Apr	300.37	0.00	A	299.63	0.00	A	302.22	4.07	
05-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	03-May	300.37	0.00	A	299.63	0.00	A	302.22	0.00	A
12-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	10-May	298.52	-1.85		299.63	0.00	A	302.22	0.00	A
19-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	17-May	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A
26-May	294.53	-0.19		295.87	0.00	A	298.22	0.45		24-May	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A
02-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	31-May	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A
09-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	07-Jun	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A
16-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	14-Jun	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A
23-Jun	294.53	0.00		297.78	1.91		298.22	0.00	A	21-Jun	298.52	0.00	A	297.78	-1.85		302.22	0.00	A
30-Jun	294.53	0.00		297.78	0.00	A	298.22	0.00	A	28-Jun	298.52	0.00	A	297.78	0.00	A	298.89	-3.33	
07-Jul	294.53	0.00		297.78	0.00	A	298.22	0.00	A	05-Jul	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A
14-Jul	294.53	0.00		297.78	0.00	A	298.22	0.00	A	12-Jul	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A
21-Jul	294.81	0.28		297.78	0.00	A	298.22	0.00	A	19-Jul	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A
28-Jul	294.81	0.00		297.78	0.00	A	298.22	0.00	A	26-Jul	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A
04-Aug	294.81	0.00		297.78	0.00	A	298.22	0.00	A	02-Aug	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A
11-Aug	294.81	0.00		297.78	0.00	A	298.50	0.28		09-Aug	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A
18-Aug	294.81	0.00		297.78	0.00	A	298.50	0.00	A	16-Aug	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A
25-Aug	294.56	-0.25		297.73	-0.05		298.50	0.00	A	23-Aug	298.52	0.00	A	298.52	0.74		299.63	0.74	
01-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	30-Aug	298.52	0.00	A	298.52	0.00	A	299.63	0.00	A
08-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	06-Sep	298.52	0.00	A	298.52	0.00	A	299.63	0.00	A
15-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	13-Sep	300.00	1.48		298.52	0.00	A	299.63	0.00	A
22-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	20-Sep	300.00	0.00	A	298.52	0.00	A	299.63	0.00	A
29-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	27-Sep	300.00	0.00	A	298.52	0.00	A	299.63	0.00	A
06-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	04-Oct	300.00	0.00	A	298.52	0.00	A	299.63	0.00	A
13-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	11-Oct	300.00	0.00	A	298.52	0.00	A	299.63	0.00	A
20-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	18-Oct	300.00	0.00	A	299.63	1.11		299.63	0.00	A
27-Oct	295.44	0.88		296.19	-1.54		298.50	0.00	A	25-Oct	300.00	0.00	A	299.63	0.00	A	300.00	0.37	
03-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	01-Nov	300.00	0.00	A	299.63	0.00	A	300.00	0.00	A
10-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	08-Nov	300.00	0.00	A	299.63	0.00	A	300.00	0.00	A
17-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	15-Nov	300.00	0.00	A	299.63	0.00	A	300.00	0.00	A
24-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	22-Nov	299.26	-0.74		299.63	0.00	A	300.00	0.00	A
01-Dec	296.39	0.95		296.19	0.00	A	298.50	0.00	A	29-Nov	299.26	0.00	A	299.63	0.00	A	300.00	0.00	A
08-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	06-Dec	299.26	0.00	A	299.63	0.00	A	300.00	0.00	A
15-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	13-Dec	299.26	0.00	A	299.33	-0.30		300.00	0.00	A
22-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	20-Dec	299.26	0.00	A	299.33	0.00	A	299.26	-0.74	
29-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	27-Dec	299.26	0.00	A	299.33	0.00	A	299.26	0.00	A
31-Dec				296.19	0.00	A											299.26	0.00	A

NTD1:12/00

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WATER MEASUREMENT ANNUAL REPORT

RECEIVED

JAN 15 2003

Department of Water Resources
Southern Region

REPORTING YEAR 2002

OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources, 1341 Fillmore St Ste 200, Twin Falls ID, 83301, on or before January 15 of the following year.

A separate reporting form must be submitted for each diversion. Refer to page 5 for instructions.

Name:	—	10744	410032
Water Source:	—	TERRY HUDDLESTON CLEAR SPRINGS FOODS	
Water Right No:	—	BOX CANYON CREEK	
Legal Description:	T	08S 14E 28 NESWNE	
Site Tag No:	—	A0001565	9
Diversion Name:	BOX CANYON FARM		

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right Owner

Please check for address correction ☐

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

Operator or Contact Person (if different from owner)

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

Original Owner (if sold within last year)

Name _____
Last, First, MI

Phone _____

Address _____

City, State & Zip _____

SECTION II Water Measurement Log (measurements must be recorded at least once per week and in units of cubic feet per second.)

DAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1						
2						
3	See attached hydro electric and flow meter records					
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
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26						
27						
28						
29						
30		-----				
31		-----		-----		-----

SECTION II Water Measurement Log (Continued). *(measurements must be recorded at least once per week and in units of cubic feet per second.)*

DAY	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
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29						
30						
31			-----		-----	

SECTION III Measuring Device InformationA. Type & Description of Measuring Device(s): _____

 _____B. Period of Use: For seasonal or partial year diversion/use, show turn-on (start) and turn-off (end) dates:
 Beginning diversion date 4 / 1 / 2003 month / day Ending diversion date _____ / _____ / _____ month / day

C. Attach copies of all measuring device rating tables to this report (omit if previously supplied to the Department).

SECTION IV Modifications made to water systemPlease describe in the space below any major modification made to the diversion works or measuring device which would affect the accuracy of the flow measurement during the reporting year. Attach drawings, sketches, notes or design information if needed.

 _____**SECTION V Certification**I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.Signature Terry Huddleston Title Farm Operations Mgr. Date 1/15/03**IMPORTANT:** Each reporting form shall be accompanied by a report processing fee in the amount of twenty-five dollars (\$25) per diversion made payable to the Idaho Department of Water Resources. (Section 42-701(6), Idaho Code). Fee may be waived if no diversions are made during the reporting year.**For Department Use Only**Received by cy Date 1-15-03 Time _____
 Fee amount submitted 25 Correct? yes ☒ no ☐
 Receipted by cy Receipt No. 5025436
 Reviewed by cy Date 2-04-03
 Date entry by _____ Date _____
 Max Div Rate (cfs) _____ Date _____ Total Vol (acre-feet) _____

Diversion Name: CLEAR SPS FOODS/BOX CANYON FARM

Water Dist Div. No.: 410032

Discharge, Cubic Feet Per Second, Calendar Year 2002

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
01	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
02	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
03	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
04	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
05	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
06	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
07	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
08	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
09	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
10	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
11	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
12	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
13	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
14	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
15	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
16	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
17	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
18	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
19	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
20	299.3	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
21	299.3	299.3	299.3	298.2	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2
22	299.3	299.3	299.3	298.2	298.2	298.2	298.5	298.5	198.2	198.2	198.2	301.5
23	299.3	299.3	299.3	298.2	298.2	298.5	298.5	298.5	198.2	198.2	198.2	301.5
24	299.3	299.3	299.3	298.2	298.2	298.5	298.5	298.5	198.2	198.2	198.2	301.5
25	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2	301.5
26	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2	301.5
27	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2	301.5
28	299.3	299.3	299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2	301.5
29	299.3		299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2	0.0
30	299.3		299.3	298.2	298.2	298.5	298.5	198.2	198.2	198.2	198.2	0.0
31	299.3		299.3		298.2		298.5	198.2		198.2		0.0
Total	9	8379	9277.1	8966.7	9242.6	8947.5	9254.1	8551.5	5944.5	6142.7	5944.5	6271.5
Mean	299.3	299.3	299.3	298.9	298.2	298.2	298.5	275.9	198.2	198.2	198.2	202.3
Min	299.3	299.3	299.3	298.2	298.2	298.2	298.5	198.2	198.2	198.2	198.2	0.0
Max	299.3	299.3	299.3	299.3	298.2	298.5	298.5	298.5	198.2	198.2	198.2	301.5
Ac-Ft	8401.4	6620.3	8401.0	7785.4	8332.8	7747.3	8355.5	6962.0	1790.9	2183.9	1790.9	2439.5

Calendar Year 2002 Total Cfs: 96199

Total Ac-Ft: 190811

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

UPDATE DATE
01/10/02

CLEAR SPRINGS FOODS
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

	<-----	1995	->	<-----	1996	->	<-----	1997	->	<-----	1998	->	WEEK	<-----	1999	->	<-----	2000	->	<-----	2001	->
DATE	C.F.S	VAR.	*	C.F.S	VAR.	*	C.F.S	VAR.	*	C.F.S	VAR.	*	OF	C.F.S	VAR.	*	C.F.S	VAR.	*	C.F.S	VAR.	*
07-Jan	294.07	0.00	A	296.39	0.00	A	296.19	0.00	A	298.50	0.00	A	04-Jan	299.26	0.00	A	299.26	0.00	A	299.33	0.00	A
14-Jan	294.07	0.00	A	296.39	0.00	A	296.19	0.00	A	298.50	0.00	A	11-Jan	299.26	0.00	A	299.26	0.00	A	299.33	0.00	A
21-Jan	294.07	0.00	A	296.39	0.00	A	298.89	2.70		298.50	0.00	A	18-Jan	299.26	0.00	A	297.41	-1.85		299.33	0.00	A
28-Jan	294.07	0.00		295.11	-1.28		298.89	0.00	A	298.50	0.00	A	25-Jan	299.26	0.00	A	297.41	0.00	A	299.33	0.00	A
04-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	298.50	0.00	A	01-Feb	299.26	0.00	A	297.41	0.00	A	299.33	0.00	A
11-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	298.50	0.00	A	08-Feb	299.26	0.00	A	297.41	0.00	A	299.33	0.00	A
18-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	298.15	-0.35		15-Feb	299.26	0.00	A	297.41	0.00	A	299.33	0.00	A
25-Feb	296.83	2.76		295.11	0.00	A	298.89	0.00	A	298.15	0.00	A	22-Feb	300.37	1.11		297.41	0.00	A	298.15	-1.18	
03-Mar	296.83	0.00		295.11	0.00	A	297.77	-1.12	A	298.15	0.00	A	01-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A
10-Mar	296.83	0.00		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	08-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A
17-Mar	296.83	0.00		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	15-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A
24-Mar	294.72	-2.11		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	22-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A
31-Mar	294.72	0.00		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	29-Mar	300.37	0.00	A	297.41	0.00	A	298.15	0.00	A
07-Apr	294.72	0.00		295.87	0.76	A	297.77	0.00	A	298.15	0.00	A	05-Apr	300.37	0.00	A	299.63	2.22		298.15	0.00	A
14-Apr	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.15	0.00	A	12-Apr	300.37	0.00	A	299.63	0.00	A	298.15	0.00	A
21-Apr	292.38	-2.34		295.87	0.00	A	297.77	0.00	A	298.89	0.74		19-Apr	300.37	0.00	A	299.63	0.00	A	298.15	0.00	A
28-Apr	294.72	2.34		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A	26-Apr	300.37	0.00	A	299.63	0.00	A	302.22	4.07	
05-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A	03-May	300.37	0.00	A	299.63	0.00	A	302.22	0.00	A
12-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A	10-May	298.52	-1.85		299.63	0.00	A	302.22	0.00	A
19-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A	17-May	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A
26-May	294.53	-0.19		295.87	0.00	A	298.22	0.45		298.89	0.00	A	24-May	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A
02-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	298.89	0.00	A	31-May	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A
09-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	298.89	0.00	A	07-Jun	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A
16-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	298.89	0.00	A	14-Jun	298.52	0.00	A	299.63	0.00	A	302.22	0.00	A
23-Jun	294.53	0.00		297.78	1.91		298.22	0.00	A	298.52	-0.37		21-Jun	298.52	0.00	A	297.78	-1.85		302.22	0.00	A
30-Jun	294.53	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	28-Jun	298.52	0.00	A	297.78	0.00	A	298.89	-3.33	
07-Jul	294.53	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	05-Jul	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A
14-Jul	294.53	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	12-Jul	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A
21-Jul	294.81	0.28		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	19-Jul	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A
28-Jul	294.81	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	26-Jul	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A
04-Aug	294.81	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	02-Aug	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A
11-Aug	294.81	0.00		297.78	0.00	A	298.50	0.28		298.52	0.00	A	09-Aug	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A
18-Aug	294.81	0.00		297.78	0.00	A	298.50	0.00	A	298.52	0.00	A	16-Aug	298.52	0.00	A	297.78	0.00	A	298.89	0.00	A
25-Aug	294.56	-0.25		297.73	-0.05		298.50	0.00	A	298.52	0.00	A	23-Aug	298.52	0.00	A	298.52	0.74		299.63	0.74	
01-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	30-Aug	298.52	0.00	A	298.52	0.00	A	299.63	0.00	A
08-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	06-Sep	298.52	0.00	A	298.52	0.00	A	299.63	0.00	A
15-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	13-Sep	300.00	1.48		298.52	0.00	A	299.63	0.00	A
22-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	20-Sep	300.00	0.00	A	298.52	0.00	A	299.63	0.00	A
29-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	27-Sep	300.00	0.00	A	298.52	0.00	A	299.63	0.00	A
06-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	04-Oct	300.00	0.00	A	298.52	0.00	A	299.63	0.00	A
13-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	11-Oct	300.00	0.00	A	298.52	0.00	A	299.63	0.00	A
20-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	18-Oct	300.00	0.00	A	299.63	1.11		299.63	0.00	A
27-Oct	295.44	0.88		296.19	-1.54		298.50	0.00	A	298.52	0.00	A	25-Oct	300.00	0.00	A	299.63	0.00	A	300.00	0.37	
03-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	01-Nov	300.00	0.00	A	299.63	0.00	A	300.00	0.00	A
10-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	08-Nov	300.00	0.00	A	299.63	0.00	A	300.00	0.00	A
17-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	15-Nov	300.00	0.00	A	299.63	0.00	A	300.00	0.00	A
24-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	22-Nov	299.26	-0.74		299.63	0.00	A	300.00	0.00	A
01-Dec	296.39	0.95		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	29-Nov	299.26	0.00	A	299.63	0.00	A	300.00	0.00	A
08-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	06-Dec	299.26	0.00	A	299.63	0.00	A	300.00	0.00	A
15-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	13-Dec	299.26	0.00	A	299.33	-0.30		300.00	0.00	A
22-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	20-Dec	299.26	0.00	A	299.33	0.00	A	299.29	-0.71	
29-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	299.26	0.74		27-Dec	299.26	0.00	A	299.33	0.00	A	299.29	0.00	A
31-Dec				296.19	0.00	A													299.29	0.00	A	

Mr. Tim Luke or Cindy Hodges
State of Idaho - Department of Water Resources
1303 North Orchard Street
State House Mail
Boise, Idaho. 83720-9000

January 2, 2002

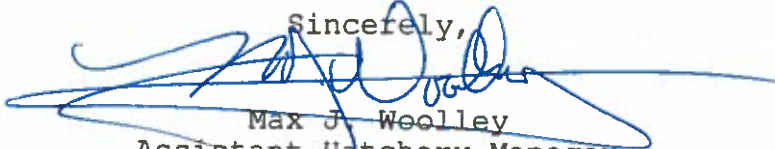
Dear Tim or Cindy:

When Tim toured the Box Canyon facility with me in March 1995, I showed you our hydroelectric plant and explained how the kilowatt output readings were an excellent double check to our monthly water flow meter readings. Although the amount of power produced is reduced by debris in our influent waters, kilowatt output is essentially a direct result of water flow. As I did last year, I've listed the records of average kilowatts produced for the year just completed at Box Canyon.

Month of 2001	Average Gross Kilowatts	Percent Difference from Yearly Average
January	422.58	0.66%
February	425.00	1.23%
March	422.58	0.66%
April	424.44	1.10%
May	407.53	-3.01%
June	415.56	-1.02%
July	418.28	-0.36%
August	419.35	-0.10%
September	426.67	1.61%
October	410.75	-2.20%
November	416.67	-0.75%
December	427.96	1.91%
Average	419.78	-0.02%

While there were highs and lows due to debris, no monthly average varied more than 4% from the years overall average. The greatest difference occurred in May, after a scheduled maintenance that left the turbines stiff. Typically, October is our lowest month for kilowatts produced when dead leaves in our influent waters are always substantial. As I have done in the past, I also included our kilowatt output for the last fifteen years.

Sincerely,


Max J. Woolley
Assistant Hatchery Manager
Box Canyon Farm

Box Canyon Farm **Hydroelectric Operations Kilowatts Produced**

Month	Average KW per Month	% from Year Average
Jan-87	438.24	1.57%
Feb-87	439.51	1.85%
Mar-87	436.18	1.11%
Apr-87	426.64	-1.11%
May-87	433.80	0.56%
Jun-87	432.59	0.28%
Jul-87	431.79	0.10%
Aug-87	429.76	-0.37%
Sep-87	437.78	1.47%
Oct-87	409.38	-5.37%
Nov-87	419.76	-2.76%
Dec-87	440.87	2.16%
Average	431.36	-0.04%

Month	Average KW per Month	% from Year Average
Jan-88	447.11	0.22%
Feb-88	450.05	0.87%
Mar-88	449.71	0.79%
Apr-88	448.40	0.50%
May-88	445.70	-0.10%
Jun-88	451.25	1.13%
Jul-88	449.06	0.65%
Aug-88	441.98	-0.94%
Sep-88	440.60	-1.26%
Oct-88	433.60	-2.89%
Nov-88	454.42	1.82%
Dec-88	441.86	-0.97%
Average	446.15	-0.02%

Month	Average KW per Month	% from Year Average
Jan-89	450.29	4.01%
Feb-89	451.86	4.34%
Mar-89	452.15	4.40%
Apr-89	446.08	3.10%
May-89	426.36	-1.38%
Jun-89	424.88	-1.73%
Jul-89	424.65	-1.79%
Aug-89	417.53	-3.53%
Sep-89	414.50	-4.28%
Oct-89	417.13	-3.62%
Nov-89	419.76	-2.98%
Dec-89	441.80	2.16%
Average	432.25	-0.11%

Month	Average Net KW per Month	% from Year Average
Jan-90	424.54	0.69%
Feb-90	418.30	-0.79%
Mar-90	428.98	1.72%
Apr-90	421.15	-0.11%
May-90	423.05	0.34%
Jun-90	423.98	0.56%
Jul-90	423.70	0.49%
Aug-90	412.41	-2.23%
Sep-90	429.92	1.93%
Oct-90	406.07	-3.83%
Nov-90	420.17	-0.34%
Dec-90	427.08	1.28%
Average	421.61	-0.02%

Month	Average KW per Month	% from Year Average
Jan-91	429.09	1.31%
Feb-91	429.65	1.44%
Mar-91	427.00	0.83%
Apr-91	424.44	0.23%
May-91	423.42	-0.01%
Jun-91	424.51	0.25%
Jul-91	422.13	-0.31%
Aug-91	423.94	0.11%
Sep-91	419.47	-0.95%
Oct-91	413.05	-2.52%
Nov-91	415.84	-1.83%
Dec-91	428.97	1.28%
Average	423.46	-0.01%

Month	Average KW per Month	% from Year Average
Jan-92	429.41	1.50%
Feb-92	429.82	1.59%
Mar-92	430.99	1.86%
Apr-92	438.57	3.55%
May-92	410.24	-3.11%
Jun-92	417.82	-1.24%
Jul-92	417.35	-1.35%
Aug-92	419.44	-0.85%
Sep-92	429.01	1.40%
Oct-92	404.07	-4.68%
Nov-92	423.44	0.11%
Dec-92	425.67	0.63%
Average	422.99	-0.05%

Month	Average KW per Month	% from Year Average
Jan-93	435.76	3.17%
Feb-93	426.83	1.14%
Mar-93	425.99	0.95%
Apr-93	414.89	-1.70%
May-93	424.64	0.63%
Jun-93	417.41	-1.09%
Jul-93	414.61	-1.77%
Aug-93	417.30	-1.12%
Sep-93	429.72	1.81%
Oct-93	411.34	-2.58%
Nov-93	423.92	0.46%
Dec-93	421.14	-0.20%
Average	421.96	-0.03%

Month	Average KW per Month	% from Year Average
Jan-94	442.08	3.85%
Feb-94	428.57	0.82%
Mar-94	429.03	0.93%
Apr-94	416.32	-2.10%
May-94	409.59	-3.77%
Jun-94	438.05	2.97%
Jul-94	426.09	0.25%
Aug-94	427.24	0.51%
Sep-94	411.83	-3.21%
Oct-94	413.81	-2.71%
Nov-94	424.81	-0.06%
Dec-94	433.11	1.86%
Average	425.04	-0.05%

Month	Average Net KW per Month	% from Year Average
Jan-95	426.31	1.01%
Feb-95	428.34	1.48%
Mar-95	424.37	0.56%
Apr-95	425.92	0.92%
May-95	417.67	-1.03%
Jun-95	420.79	-0.28%
Jul-95	426.38	1.03%
Aug-95	411.17	-2.63%
Sep-95	419.91	-0.50%
Oct-95	413.57	-2.04%
Nov-95	423.63	0.39%
Dec-95	425.81	0.90%
Average	421.99	-0.02%

Month	Average KW per Month	% from Year Average
Jan-96	422.58	0.46%
Feb-96	429.89	2.15%
Mar-96	419.35	-0.30%
Apr-96	421.11	0.11%
May-96	422.58	0.46%
Jun-96	424.44	0.90%
Jul-96	419.35	-0.30%
Aug-96	426.88	1.46%
Sep-96	416.67	-0.95%
Oct-96	408.60	-2.94%
Nov-96	418.89	-0.41%
Dec-96	417.20	-0.82%
Average	420.63	-0.02%

Month	Average KW per Month	% from Year Average
Jan-97	430.11	1.45%
Mar-97	432.14	1.91%
Mar-97	426.88	0.70%
Apr-97	426.67	0.65%
May-97	421.51	-0.56%
Jun-97	420.00	-0.92%
Jul-97	418.28	-1.34%
Aug-97	427.96	0.95%
Sep-97	417.78	-1.46%
Oct-97	413.98	-2.39%
Nov-97	422.22	-0.39%
Dec-97	429.03	1.20%
Average	423.88	-0.02%

Month	Average KW per Month	% from Year Average
Jan-98	431.18	1.89%
Mar-98	427.38	1.02%
Mar-98	429.03	1.40%
Apr-98	422.22	-0.19%
May-98	421.51	-0.36%
Jun-98	421.11	-0.45%
Jul-98	424.73	0.40%
Aug-98	424.73	0.40%
Sep-98	418.89	-0.98%
Oct-98	415.05	-1.92%
Nov-98	415.56	-1.79%
Dec-98	424.73	0.40%
Average	423.01	-0.01%

Month	Average KW per Month	% from Year Average
Jan-99	424.73	0.95%
Mar-99	425.00	1.02%
Mar-99	427.96	1.70%
Apr-99	424.44	0.89%
May-99	417.20	-0.83%
Jun-99	417.78	-0.69%
Jul-99	419.35	-0.32%
Aug-99	420.43	-0.06%
Sep-99	421.11	0.10%
Oct-99	410.75	-2.42%
Nov-99	422.22	0.36%
Dec-99	417.20	-0.83%
Average	420.68	-0.01%

Month	Average Net KW per Month	% from Year Average
Jan-00	427.96	1.36%
Feb-00	422.99	0.21%
Mar-00	426.88	1.11%
Apr-00	425.56	0.81%
May-00	421.51	-0.14%
Jun-00	421.11	-0.24%
Jul-00	423.66	0.36%
Aug-00	421.51	-0.14%
Sep-00	417.78	-1.04%
Oct-00	411.83	-2.50%
Nov-00	417.78	-1.04%
Dec-00	426.88	1.11%
Average	422.12	-0.01%

Month	Average KW per Month	% from Year Average
Jan-01	422.58	0.66%
Mar-01	425.00	1.23%
Mar-01	422.58	0.66%
Apr-01	424.44	1.10%
May-01	407.53	-3.01%
Jun-01	415.56	-1.02%
Jul-01	418.28	-0.36%
Aug-01	419.35	-0.10%
Sep-01	426.67	1.61%
Oct-01	410.75	-2.20%
Nov-01	416.67	-0.75%
Dec-01	427.96	1.91%
Average	419.78	-0.02%

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WATER MEASUREMENT ANNUAL REPORT

REPORTING YEAR 2001

RECEIVED
JAN 14 2002
Department of Water Resources
Southern Region

OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources, 1301 N. Orchard, Boise Idaho 83706, on or before January 15 of the ensuing year.

A separate reporting form must be submitted for each diversion. Refer to page 5 for instructions.

Name:	10744	410032
Water Source:	TERRY HUDDLESTON CLEAR SPRINGS FOODS	
Water Right No:	BOX CANYON CREEK	
Legal Description:	08S 14E 28 NESWNE	
Site Tag No:	A0001565	
Diversion Name:	BOX CANYON FARM	

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right Owner

Please check for address correction ☐

Name _____

Phone _____

Last, First, MI

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

Operator or Contact Person (if different from owner)

Name _____

Phone _____

Last, First, MI

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

Original Owner (if sold within last year)

Name _____

Phone _____

Last, First, MI

Address _____

City, State & Zip _____

SECTION II Water Measurement Log (measurements must be recorded at least once per week and in units of cubic feet per second.)

DAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1						
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3		see attached meter readings and hydroelectric output				
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31		-----		-----		-----

SECTION II Water Measurement Log (Continued). *(measurements must be recorded at least once per week and in units of cubic feet per second.)*

DAY	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER
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SECTION III Measuring Device Information

A. Type & Description of Measuring Device(s): _____

B. Period of Use: For seasonal or partial year diversion/use, show turn-on (start) and turn-off (end) dates:
 Beginning diversion date 5 / 1 / 02 month / day Ending diversion date / / month / day

C. Attach copies of all measuring device rating tables to this report (omit if previously supplied to the Department).

SECTION IV Modifications made to water system

Please describe in the space below any major modification made to the diversion works or measuring device which would affect the accuracy of the flow measurement during the reporting year. Attach drawings, sketches, notes or design information if needed.

SECTION V Certification

I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Terry R. Huddleston Farm Operations Mgr.
 Signature Title

1/10/02
 Date

IMPORTANT: Each reporting form shall be accompanied by a report processing fee in the amount of twenty-five dollars (\$25) per diversion made payable to the Idaho Department of Water Resources. (Section 42-701(6), Idaho Code). Fee may be waived if no diversions are made during the reporting year.

For Department Use Only

Received by <u>cjh</u>	Date <u>1-14-02</u>	Time <u> </u>
Fee amount submitted <u>25</u>	Correct? yes <u>X</u> no <u> </u>	
Received by <u>cjh</u>	Receipt No. <u>5024534</u>	
Reviewed by <u>cjh</u>	Date <u>1-15-02</u>	
Data entry by <u> </u>	Date <u> </u>	
Max Div Rate (cfs) <u> </u>	Date <u> </u> Total Vol (acre-feet) <u> </u>	

RECEIVED

JAN 17 2001

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WATER MEASUREMENT ANNUAL REPORT

Department of Water Resources

REPORTING YEAR 2000**OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE**

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources, 1301 N. Orchard, Boise Idaho 83706, on or before January 15 of the ensuing year.

A separate reporting form must be submitted for each diversion. Refer to page 5 for instructions.

Name:	10744	
Water Source:	CLEAR SPRINGS FOODS	
Water Right No:	BOX CANYON CREEK	
Legal Description:	1 08S 14E 28 NESWNE	
Site Tag No:	A0001565	410032
	CLEAR SPS FOODS/BOX CANYO	9
Diversion Name:		

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right OwnerPlease check for address correction ☐

Name _____

Phone _____

Last, First, MI

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

Operator or Contact Person (if different from owner)

Name _____

Phone _____

Last, First, MI

Address _____

Fax _____

City _____

Mobile _____

State & Zip _____

e-mail _____

Original Owner (if sold within last year)

Name _____

Phone _____

Last, First, MI

Address _____

City, State & Zip _____

SECTION II Water Measurement Log (*measurements must be recorded at least once per week and in units of cubic feet per second.*)

DAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
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SECTION II Water Measurement Log (Continued). *(measurements must be recorded at least once per week and in units of cubic feet per second.)*

DAY	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER
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Input
5/23/01
SMB

SECTION III Measuring Device Information

A. Type & Description of Measuring Device(s): _____

B. Period of Use: For seasonal or partial year diversion/use, show turn-on (start) and turn-off (end) dates:

Beginning diversion date 1 / 17 / 01 Ending diversion date 1 / 9 / 01

month day month day

C. Attach copies of all measuring device rating tables to this report (omit if previously supplied to the Department).

SECTION IV Modifications made to water system

Please describe in the space below any major modification made to the diversion works or measuring device which would affect the accuracy of the flow measurement during the reporting year. Attach drawings, sketches, notes or design information if needed.

None

SECTION V Certification

I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Torrell Schubert Farm Operations Mgr. 1/9/01

Signature Title Date

IMPORTANT: Each reporting form shall be accompanied by a report processing fee in the amount of twenty-five dollars (\$25) per diversion made payable to the Idaho Department of Water Resources. (Section 42-701(6), Idaho Code). Fee may be waived if no diversions are made during the reporting year.

For Department Use Only

Received by J. Muni Date 1-17-01 Time _____

Fee amount submitted \$25.00 Correct? yes X no _____

Receipted by J. Muni Receipt No. C051892

Reviewed by 5-17-01 Date 5-17-01

Data entry by _____ Date _____

Max Div Rate (cfs) 299.63 Date 4-5 Total Vol (acre-feet) _____

WR

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

410032

UPDATE DATE
12/27/00

DATE	<----- C.F.S	1995 VAR.	> * <----- C.F.S	1996 VAR.	> * <----- C.F.S	1997 VAR.	> * <----- C.F.S	1998 VAR.	> * <----- C.F.S	WEEK OF	<----- C.F.S	1999 VAR.	> * <----- C.F.S	2000 VAR.	> *	
07-Jan	294.07	0.00	A	296.39	0.00	A	296.19	0.00	A	04-Jan	299.26	0.00	A	299.26	0.00	A
14-Jan	294.07	0.00	A	296.39	0.00	A	296.19	0.00	A	11-Jan	299.26	0.00	A	299.26	0.00	A
21-Jan	294.07	0.00	A	296.39	0.00	A	298.89	2.70	A	18-Jan	299.26	0.00	A	297.41	-1.85	1/20
28-Jan	294.07	0.00		295.11	-1.28		298.89	0.00	A	25-Jan	299.26	0.00	A	297.41	0.00	A
04-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	01-Feb	299.26	0.00	A	297.41	0.00	A
11-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	08-Feb	299.26	0.00	A	297.41	0.00	A
18-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	15-Feb	299.26	0.00	A	297.41	0.00	A
25-Feb	296.83	2.76		295.11	0.00	A	298.89	0.00	A	22-Feb	300.37	1.11		297.41	0.00	A
03-Mar	296.83	0.00		295.11	0.00	A	297.77	-1.12	A	01-Mar	300.37	0.00	A	297.41	0.00	A
10-Mar	296.83	0.00		295.11	0.00	A	297.77	0.00	A	08-Mar	300.37	0.00	A	297.41	0.00	A
17-Mar	296.83	0.00		295.11	0.00	A	297.77	0.00	A	15-Mar	300.37	0.00	A	297.41	0.00	A
24-Mar	294.72	-2.11		295.11	0.00	A	297.77	0.00	A	22-Mar	300.37	0.00	A	297.41	0.00	A
31-Mar	294.72	0.00		295.11	0.00	A	297.77	0.00	A	29-Mar	300.37	0.00	A	297.41	0.00	A
07-Apr	294.72	0.00		295.87	0.76	A	297.77	0.00	A	05-Apr	300.37	0.00	A	299.63	2.22	4/6
14-Apr	294.72	0.00		295.87	0.00	A	297.77	0.00	A	12-Apr	300.37	0.00	A	299.63	0.00	4/7
21-Apr	292.38	-2.34		295.87	0.00	A	297.77	0.00	A	19-Apr	300.37	0.00	A	299.63	0.00	A
28-Apr	294.72	2.34		295.87	0.00	A	297.77	0.00	A	26-Apr	300.37	0.00	A	299.63	0.00	A
05-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	03-May	300.37	0.00	A	299.63	0.00	A
12-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	10-May	298.52	-1.85		299.63	0.00	A
19-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	17-May	298.52	0.00	A	299.63	0.00	A
26-May	294.53	-0.19		295.87	0.00	A	298.22	0.45		24-May	298.52	0.00	A	299.63	0.00	A
02-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	31-May	298.52	0.00	A	299.63	0.00	A
09-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	07-Jun	298.52	0.00	A	299.63	0.00	A
16-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	14-Jun	298.52	0.00	A	299.63	0.00	A
23-Jun	294.53	0.00		297.78	1.91		298.22	0.00	A	21-Jun	298.52	0.00	A	297.78	-1.85	6/23
30-Jun	294.53	0.00		297.78	0.00	A	298.22	0.00	A	28-Jun	298.52	0.00	A	297.78	0.00	A
07-Jul	294.53	0.00		297.78	0.00	A	298.22	0.00	A	05-Jul	298.52	0.00	A	297.78	0.00	A
14-Jul	294.53	0.00		297.78	0.00	A	298.22	0.00	A	12-Jul	298.52	0.00	A	297.78	0.00	A
21-Jul	294.81	0.28		297.78	0.00	A	298.22	0.00	A	19-Jul	298.52	0.00	A	297.78	0.00	A
28-Jul	294.81	0.00		297.78	0.00	A	298.22	0.00	A	26-Jul	298.52	0.00	A	297.78	0.00	A
04-Aug	294.81	0.00		297.78	0.00	A	298.22	0.00	A	02-Aug	298.52	0.00	A	297.78	0.00	A
11-Aug	294.81	0.00		297.78	0.00	A	298.50	0.28		09-Aug	298.52	0.00	A	297.78	0.00	A
18-Aug	294.81	0.00		297.78	0.00	A	298.50	0.00	A	16-Aug	298.52	0.00	A	297.78	0.00	A
25-Aug	294.56	-0.25		297.73	-0.05		298.50	0.00	A	23-Aug	298.52	0.00	A	298.52	0.74	8/24
01-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	30-Aug	298.52	0.00	A	298.52	0.00	8/25
08-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	06-Sep	298.52	0.00	A	298.52	0.00	A
15-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	13-Sep	300.00	1.48		298.52	0.00	A
22-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	20-Sep	300.00	0.00	A	298.52	0.00	A
29-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	27-Sep	300.00	0.00	A	298.52	0.00	A
06-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	04-Oct	300.00	0.00	A	298.52	0.00	A
13-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	11-Oct	300.00	0.00	A	298.52	0.00	A
20-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	18-Oct	300.00	0.00	A	299.63	1.11	10/19
27-Oct	295.44	0.88		296.19	-1.54		298.50	0.00	A	25-Oct	300.00	0.00	A	299.63	0.00	10/20
03-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	01-Nov	300.00	0.00	A	299.63	0.00	A
10-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	08-Nov	300.00	0.00	A	299.63	0.00	A
17-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	15-Nov	300.00	0.00	A	299.63	0.00	A
24-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	22-Nov	299.26	-0.74		299.63	0.00	A
01-Dec	296.39	0.95		296.19	0.00	A	298.50	0.00	A	29-Nov	299.26	0.00	A	299.63	0.00	A
08-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	06-Dec	299.26	0.00	A	299.63	0.00	A
15-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	13-Dec	299.26	0.00	A	299.33	-0.30	12/14
22-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	20-Dec	299.26	0.00	A	299.33	0.00	12/15
29-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	27-Dec	299.26	0.00	A	0.00	0.00	
31-Dec				296.19	0.00	A										

Input in
Sw36dataentry
5/23/01
DWB

Mr. Tim Luke or Cindy Hodges
State of Idaho - Department of Water Resources
1303 North Orchard Street
State House Mail
Boise, Idaho. 83720-9000

January 8, 2001

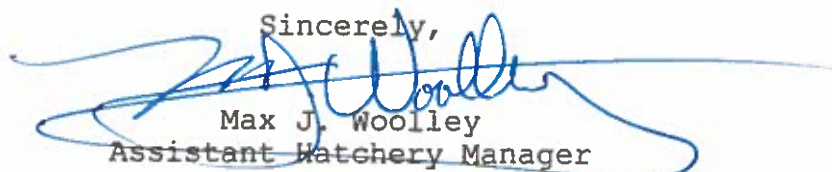
Dear Tim or Cindy:

When Tim toured the Box Canyon facility with me in March 1995, I showed you our hydroelectric plant and explained how the kilowatt output readings were an excellent double check to our monthly water flow meter readings. Although the amount of power produced is reduced by debris in our influent waters, kilowatt output is essentially a direct result of water flow. As I did last year, I've listed the records of average kilowatts produced for the year just completed at Box Canyon.

Month of 2000	Average Gross Kilowatts	Percent Difference from Yearly Average
January	427.96	0.95%
February	422.99	1.02%
March	426.88	1.70%
April	425.56	0.89%
May	421.51	-0.83%
June	421.11	-0.69%
July	423.66	-0.32%
August	421.51	-0.06%
September	417.78	0.10%
October	411.83	-2.42%
November	417.78	0.36%
December	426.88	1.11%
Average	422.12	-0.01%

While there were highs and lows due to debris, no monthly average varied more than 4% from the years overall average. The greatest difference occurred in October, as it did last year, the year before, and the year before, when dead leaves in our influent waters are always substantial. As I have done in the past, I also included our kilowatt output for the last fifteen years.

Sincerely,


Max J. Woolley
Assistant Hatchery Manager
Box Canyon Farm

Box Canyon Farm Hydroelectric Operations Kilowatts Produced

Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average Net KW per Month	% from Year Average
Jan-86	422.38	-0.82%	Jan-87	438.24	1.57%	Jan-88	447.11	0.22%	Jan-89	450.29	4.01%	Jan-90	424.54	0.69%
Feb-86	423.20	-0.62%	Feb-87	439.51	1.85%	Feb-88	450.05	0.87%	Feb-89	451.86	4.34%	Feb-90	418.30	-0.79%
Mar-86	421.77	-0.96%	Mar-87	436.18	1.11%	Mar-88	449.71	0.79%	Mar-89	452.15	4.40%	Mar-90	428.98	1.72%
Apr-86	426.58	0.17%	Apr-87	426.64	-1.11%	Apr-88	448.40	0.50%	Apr-89	446.08	3.10%	Apr-90	421.15	-0.11%
May-86	424.41	-0.34%	May-87	433.80	0.56%	May-88	445.70	-0.10%	May-89	426.36	-1.38%	May-90	423.05	0.34%
Jun-86	426.95	0.26%	Jun-87	432.59	0.28%	Jun-88	451.25	1.13%	Jun-89	424.88	-1.73%	Jun-90	423.98	0.56%
Jul-86	436.38	2.42%	Jul-87	431.79	0.10%	Jul-88	449.06	0.65%	Jul-89	424.65	-1.79%	Jul-90	423.70	0.49%
Aug-86	420.01	-1.39%	Aug-87	429.76	-0.37%	Aug-88	441.98	-0.94%	Aug-89	417.53	-3.53%	Aug-90	412.41	-2.23%
Sep-86	423.23	-0.62%	Sep-87	437.78	1.47%	Sep-88	440.60	-1.26%	Sep-89	414.50	-4.28%	Sep-90	429.92	1.93%
Oct-86	419.23	-1.58%	Oct-87	409.38	-5.37%	Oct-88	433.60	-2.89%	Oct-89	417.13	-3.62%	Oct-90	406.07	-3.83%
Nov-86	430.45	1.07%	Nov-87	419.76	-2.76%	Nov-88	454.42	1.82%	Nov-89	419.76	-2.98%	Nov-90	420.17	-0.34%
Dec-86	435.48	2.21%	Dec-87	440.87	2.16%	Dec-88	441.86	-0.97%	Dec-89	441.80	2.16%	Dec-90	427.08	1.28%
Average	425.84	-0.02%	Average	431.36	-0.04%	Average	446.15	-0.02%	Average	432.25	-0.11%	Average	421.61	-0.02%

Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average Net KW per Month	% from Year Average
Jan-91	429.09	1.31%	Jan-92	429.41	1.50%	Jan-93	435.76	3.17%	Jan-94	442.08	3.85%	Jan-95	426.31	1.01%
Feb-91	429.65	1.44%	Feb-92	429.82	1.59%	Feb-93	426.83	1.14%	Feb-94	428.57	0.82%	Feb-95	428.34	1.48%
Mar-91	427.00	0.83%	Mar-92	430.99	1.86%	Mar-93	425.99	0.95%	Mar-94	429.03	0.93%	Mar-95	424.37	0.56%
Apr-91	424.44	0.23%	Apr-92	438.57	3.55%	Apr-93	414.89	-1.70%	Apr-94	416.32	-2.10%	Apr-95	425.92	0.92%
May-91	423.42	-0.01%	May-92	410.24	-3.11%	May-93	424.64	0.63%	May-94	409.59	-3.77%	May-95	417.67	-1.03%
Jun-91	424.51	0.25%	Jun-92	417.82	-1.24%	Jun-93	417.41	-1.09%	Jun-94	438.05	2.97%	Jun-95	420.79	-0.28%
Jul-91	422.13	-0.31%	Jul-92	417.35	-1.35%	Jul-93	414.61	-1.77%	Jul-94	426.09	0.25%	Jul-95	426.38	1.03%
Aug-91	423.94	0.11%	Aug-92	419.44	-0.85%	Aug-93	417.30	-1.12%	Aug-94	427.24	0.51%	Aug-95	411.17	-2.63%
Sep-91	419.47	-0.95%	Sep-92	429.01	1.40%	Sep-93	429.72	1.81%	Sep-94	411.83	-3.21%	Sep-95	419.91	-0.50%
Oct-91	413.05	-2.52%	Oct-92	404.07	-4.68%	Oct-93	411.34	-2.58%	Oct-94	413.81	-2.71%	Oct-95	413.57	-2.04%
Nov-91	415.84	-1.83%	Nov-92	423.44	0.11%	Nov-93	423.92	0.46%	Nov-94	424.81	-0.06%	Nov-95	423.63	0.39%
Dec-91	428.97	1.28%	Dec-92	425.67	0.63%	Dec-93	421.14	-0.20%	Dec-94	433.11	1.86%	Dec-95	425.81	0.90%
Average	423.46	-0.01%	Average	422.99	-0.05%	Average	421.96	-0.03%	Average	425.04	-0.05%	Average	421.99	-0.02%

Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average	Month	Average KW per Month	% from Year Average
Jan-96	422.58	0.46%	Jan-97	430.11	1.45%	Jan-98	431.18	1.89%	Jan-99	424.73	0.95%	Jan-00	427.96	1.36%
Feb-96	429.89	2.15%	Mar-97	432.14	1.91%	Mar-98	427.38	1.02%	Mar-99	425.00	1.02%	Feb-00	422.99	0.21%
Mar-96	419.35	-0.30%	Mar-97	426.88	0.70%	Mar-98	429.03	1.40%	Mar-99	427.96	1.70%	Mar-00	426.88	1.11%
Apr-96	421.11	0.11%	Apr-97	426.67	0.65%	Apr-98	422.22	-0.19%	Apr-99	424.44	0.89%	Apr-00	425.56	0.81%
May-96	422.58	0.46%	May-97	421.51	-0.56%	May-98	421.51	-0.36%	May-99	417.20	-0.83%	May-00	421.51	-0.14%
Jun-96	424.44	0.90%	Jun-97	420.00	-0.92%	Jun-98	421.11	-0.45%	Jun-99	417.78	-0.69%	Jun-00	421.11	-0.24%
Jul-96	419.35	-0.30%	Jul-97	418.28	-1.34%	Jul-98	424.73	0.40%	Jul-99	419.35	-0.32%	Jul-00	423.66	0.36%
Aug-96	426.88	1.46%	Aug-97	427.96	0.95%	Aug-98	424.73	0.40%	Aug-99	420.43	-0.06%	Aug-00	421.51	-0.14%
Sep-96	416.67	-0.95%	Sep-97	417.78	-1.46%	Sep-98	418.89	-0.98%	Sep-99	421.11	0.10%	Sep-00	417.78	-1.04%
Oct-96	408.60	-2.94%	Oct-97	413.98	-2.39%	Oct-98	415.05	-1.92%	Oct-99	410.75	-2.42%	Oct-00	411.83	-2.50%
Nov-96	418.89	-0.41%	Nov-97	422.22	-0.39%	Nov-98	415.56	-1.79%	Nov-99	422.22	0.36%	Nov-00	417.78	-1.04%
Dec-96	417.20	-0.82%	Dec-97	429.03	1.20%	Dec-98	424.73	0.40%	Dec-99	417.20	-0.83%	Dec-00	426.88	1.11%
Average	420.63	-0.02%	Average	423.88	-0.02%	Average	423.01	-0.01%	Average	420.68	-0.01%	Average	422.12	-0.01%

Mr. Tim Luke *or Cindy Hodges*
State of Idaho - Department of Water Resources
1303 North Orchard Street
State House Mail
Boise, Idaho. 83720-9000

January 3, 2000

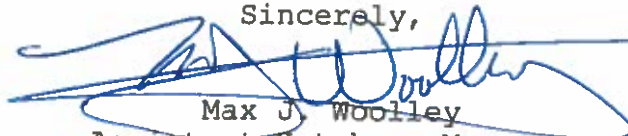
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August	420.43	-0.06%
September	421.11	0.10%
October	410.75	-2.42%
November	422.22	0.36%
December	417.20	-0.83%
Average	420.68	-0.01%

While there were highs and lows due to debris, no monthly average varied more than 4% from the years overall average. The greatest difference occurred in October, as it did last year, the year before, and the year before, when dead leaves in our influent waters are always substantial. As I have done in the past, I also included our kilowatt output for the last fifteen years.

Sincerely,


Max J. Woolley
Assistant Hatchery Manager
Box Canyon Farm

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES***THIS IS YOUR 1999 WATER MEASUREMENT ANNUAL REPORT*****For the Water Measurement Program -
OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE**

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources,
1301 N. Orchard, Boise Idaho 83706, on or before:

January 15, 2000

A separate reporting form must be submitted for each diversion. Refer to page 5 for instructions.

This report form may be used for the following diversion:

Diversion Name or Facility:
Water Source:
Water Right(s) Owner or Contact:
*(owner name(s) may be omitted if there
are multiple owners on same diversion)*

OBS 14E 28 NESWNE A0001565
CLEAR SPS FOODS/BOX CANYON FARM
BOX CANYON CREEK
CLEAR SPRINGS FOODS POD- 41003
HUDDLESTON, TERRY 9

SECTION I Water Right Holder/Operator Information

(If there are multiple water right holders on a common ditch or conveyance system, please designate the contact person below)

Current Water Right Owner

Please check for address correction ☐

Name _____
Last First MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

Original Owner (if sold within last year)

Name _____
Last First MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

Operator or Contact Person

Name _____
Last First MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

see attached readings

SECTION II Water Measurement Log (measurements must be recorded at least once per week and in units of cubic feet per second.)

DAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1						
2						
3						
4						
5						
6						
7						
8						
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10						
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29		-----				
30		-----				
31		-----		-----		-----

SECTION II Water Measurement Log (Continued). *(measurements must be recorded at least once per week and in units of cubic feet per second.)*

DAY	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER
1						
2						
3						
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SECTION III Measuring Device Information

A. Type & Description of Measuring Device(s): _____

B. Period of Use: For seasonal or partial year diversion/use, show turn-on (start) and turn-off (end) dates:

Beginning diversion date _____ / _____ / _____ Ending diversion date _____ / _____ / _____
month day month day

C. Attach copies of all measuring device rating tables to this report (omit if previously supplied to the Department).

SECTION IV Modifications made in 1999

Please describe in the space below any major modification made to the diversion works or measuring device which would affect the accuracy of the flow measurement during 1999. Attach drawings, sketches, notes or design information if needed.

None

SECTION V Certification

I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Signature Tony Shedd Title Farm Operations Mgr Date 1/5/00

IMPORTANT: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources. (Section 42-701(6), Idaho Code). Fee may be waived if no diversions are made during the reporting year.

For Department Use OnlyReceived by DMS Date 1/11/00 Time —Fee amount submitted \$25 Correct? yes ☒ no ☐Receipted by A. Koach Receipt No. 0047675

Data entry by _____ Date _____

Reviewed by gn Date 2-10-00Max Div Rate (cfs) 300.37 Date 2-22 Total Vol (acre-feet) 213779

(WR)

UPDATE DATE
12/29/99

	<----->	1995	->	<----->	1996	->	<----->	1997	->	<----->	1998	->	WEEK	<----->	1999	->
DATE	C.F.S	VAR.	*	C.F.S	VAR.	*	C.F.S	VAR.	*	C.F.S	VAR.	*	OF	C.F.S	VAR.	*
07-Jan	294.07	0.00	A	296.39	0.00	A	296.19	0.00	A	298.50	0.00	A	04-Jan	299.26	0.00	A
14-Jan	294.07	0.00	A	296.39	0.00	A	296.19	0.00	A	298.50	0.00	A	11-Jan	299.26	0.00	A
21-Jan	294.07	0.00	A	296.39	0.00	A	298.89	2.70		298.50	0.00	A	18-Jan	299.26	0.00	A
28-Jan	294.07	0.00		295.11	-1.28		298.89	0.00	A	298.50	0.00	A	25-Jan	299.26	0.00	A
04-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	298.50	0.00	A	01-Feb	299.26	0.00	A
11-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	298.50	0.00	A	08-Feb	299.26	0.00	A
18-Feb	294.07	0.00		295.11	0.00	A	298.89	0.00	A	298.15	-0.35		15-Feb	299.26	0.00	A
25-Feb	296.83	2.76		295.11	0.00	A	298.89	0.00	A	298.15	0.00	A	22-Feb	300.37	1.11	
03-Mar	296.83	0.00		295.11	0.00	A	297.77	-1.12	A	298.15	0.00	A	01-Mar	300.37	0.00	A
10-Mar	296.83	0.00		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	08-Mar	300.37	0.00	A
17-Mar	296.83	0.00		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	15-Mar	300.37	0.00	A
24-Mar	294.72	-2.11		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	22-Mar	300.37	0.00	A
31-Mar	294.72	0.00		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A	29-Mar	300.37	0.00	A
07-Apr	294.72	0.00		295.87	0.76	A	297.77	0.00	A	298.15	0.00	A	05-Apr	300.37	0.00	A
14-Apr	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.15	0.00	A	12-Apr	300.37	0.00	A
21-Apr	292.38	-2.34		295.87	0.00	A	297.77	0.00	A	298.89	0.74		19-Apr	300.37	0.00	A
28-Apr	294.72	2.34		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A	26-Apr	300.37	0.00	A
05-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A	03-May	300.37	0.00	A
12-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A	10-May	298.52	-1.85	
19-May	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A	17-May	298.52	0.00	A
26-May	294.53	-0.19		295.87	0.00	A	298.22	0.45		298.89	0.00	A	24-May	298.52	0.00	A
02-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	298.89	0.00	A	31-May	298.52	0.00	A
09-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	298.89	0.00	A	07-Jun	298.52	0.00	A
16-Jun	294.53	0.00		295.87	0.00	A	298.22	0.00	A	298.89	0.00	A	14-Jun	298.52	0.00	A
23-Jun	294.53	0.00		297.78	1.91		298.22	0.00	A	298.52	-0.37		21-Jun	298.52	0.00	A
30-Jun	294.53	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	28-Jun	298.52	0.00	A
07-Jul	294.53	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	05-Jul	298.52	0.00	A
14-Jul	294.53	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	12-Jul	298.52	0.00	A
21-Jul	294.81	0.28		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	19-Jul	298.52	0.00	A
28-Jul	294.81	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	26-Jul	298.52	0.00	A
04-Aug	294.81	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A	02-Aug	298.52	0.00	A
11-Aug	294.81	0.00		297.78	0.00	A	298.50	0.28		298.52	0.00	A	09-Aug	298.52	0.00	A
18-Aug	294.81	0.00		297.78	0.00	A	298.50	0.00	A	298.52	0.00	A	16-Aug	298.52	0.00	A
25-Aug	294.56	-0.25		297.73	-0.05		298.50	0.00	A	298.52	0.00	A	23-Aug	298.52	0.00	A
01-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	30-Aug	298.52	0.00	A
08-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	06-Sep	298.52	0.00	A
15-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	13-Sep	300.00	1.48	
22-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	20-Sep	300.00	0.00	A
29-Sep	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	27-Sep	300.00	0.00	A
06-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	04-Oct	300.00	0.00	A
13-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	11-Oct	300.00	0.00	A
20-Oct	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A	18-Oct	300.00	0.00	A
27-Oct	295.44	0.88		296.19	-1.54		298.50	0.00	A	298.52	0.00	A	25-Oct	300.00	0.00	A
03-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	01-Nov	300.00	0.00	A
10-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	08-Nov	300.00	0.00	A
17-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	15-Nov	300.00	0.00	A
24-Nov	295.44	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	22-Nov	299.26	-0.74	
01-Dec	296.39	0.95		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	29-Nov	299.26	0.00	A
08-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	06-Dec	299.26	0.00	A
15-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	13-Dec	299.26	0.00	A
22-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A	20-Dec	299.26	0.00	A
29-Dec	296.39	0.00		296.19	0.00	A	298.50	0.00	A	299.26	0.74		27-Dec	0.00	0.00	
31-Dec				296.19	0.00	A										

Box Canyon Farm **Hydroelectric Operations Kilowatts Produced**

Month	Average Net KW per Month	% from Year Average
Jan-85	429.81	3.12%
Feb-85	429.80	3.12%
Mar-85	426.09	2.27%
Apr-85	417.29	0.21%
May-85	407.22	-2.25%
Jun-85	418.22	0.44%
Jul-85	410.54	-1.43%
Aug-85	399.34	-4.27%
Sep-85	415.30	-0.26%
Oct-85	417.23	0.20%
Nov-85	411.51	-1.19%
Dec-85	414.44	-0.47%
Average	416.40	-0.04%

Month	Average KW per Month	% from Year Average
Jan-86	422.38	-0.82%
Feb-86	423.20	-0.62%
Mar-86	421.77	-0.96%
Apr-86	426.58	0.17%
May-86	424.41	-0.34%
Jun-86	426.95	0.26%
Jul-86	436.38	2.42%
Aug-86	420.01	-1.39%
Sep-86	423.23	-0.62%
Oct-86	419.23	-1.58%
Nov-86	430.45	1.07%
Dec-86	435.48	2.21%
Average	425.84	-0.02%

Month	Average KW per Month	% from Year Average
Jan-87	438.24	1.57%
Feb-87	439.51	1.85%
Mar-87	436.18	1.11%
Apr-87	426.64	-1.11%
May-87	433.80	0.56%
Jun-87	432.59	0.28%
Jul-87	431.79	0.10%
Aug-87	429.76	-0.37%
Sep-87	437.78	1.47%
Oct-87	409.38	-5.37%
Nov-87	419.76	-2.76%
Dec-87	440.87	2.16%
Average	431.36	-0.04%

Month	Average KW per Month	% from Year Average
Jan-88	447.11	0.22%
Feb-88	450.05	0.87%
Mar-88	449.71	0.79%
Apr-88	448.40	0.50%
May-88	445.70	-0.10%
Jun-88	451.25	1.13%
Jul-88	449.06	0.65%
Aug-88	441.98	-0.94%
Sep-88	440.60	-1.26%
Oct-88	433.60	-2.89%
Nov-88	454.42	1.82%
Dec-88	441.86	-0.97%
Average	446.15	-0.02%

Month	Average KW per Month	% from Year Average
Jan-89	450.29	4.01%
Feb-89	451.86	4.34%
Mar-89	452.15	4.40%
Apr-89	446.08	3.10%
May-89	426.36	-1.38%
Jun-89	424.88	-1.73%
Jul-89	424.65	-1.79%
Aug-89	417.53	-3.53%
Sep-89	414.50	-4.28%
Oct-89	417.13	-3.62%
Nov-89	419.76	-2.98%
Dec-89	441.80	2.16%
Average	432.25	-0.11%

Month	Average Net KW per Month	% from Year Average
Jan-90	424.54	0.69%
Feb-90	418.30	-0.79%
Mar-90	428.98	1.72%
Apr-90	421.15	-0.11%
May-90	423.05	0.34%
Jun-90	423.98	0.56%
Jul-90	423.70	0.49%
Aug-90	412.41	-2.23%
Sep-90	429.92	1.93%
Oct-90	406.07	-3.83%
Nov-90	420.17	-0.34%
Dec-90	427.08	1.28%
Average	421.61	-0.02%

Month	Average KW per Month	% from Year Average
Jan-91	429.09	1.31%
Feb-91	429.65	1.44%
Mar-91	427.00	0.83%
Apr-91	424.44	0.23%
May-91	423.42	-0.01%
Jun-91	424.51	0.25%
Jul-91	422.13	-0.31%
Aug-91	423.94	0.11%
Sep-91	419.47	-0.95%
Oct-91	413.05	-2.52%
Nov-91	415.84	-1.83%
Dec-91	428.97	1.28%
Average	423.46	-0.01%

Month	Average KW per Month	% from Year Average
Jan-92	429.41	1.50%
Feb-92	429.82	1.59%
Mar-92	430.99	1.86%
Apr-92	438.57	3.55%
May-92	410.24	-3.11%
Jun-92	417.82	-1.24%
Jul-92	417.35	-1.35%
Aug-92	419.44	-0.85%
Sep-92	429.01	1.40%
Oct-92	404.07	-4.68%
Nov-92	423.44	0.11%
Dec-92	425.67	0.63%
Average	422.99	-0.05%

Month	Average KW per Month	% from Year Average
Jan-93	435.76	3.17%
Feb-93	426.83	1.14%
Mar-93	425.99	0.95%
Apr-93	414.89	-1.70%
May-93	424.64	0.63%
Jun-93	417.41	-1.09%
Jul-93	414.61	-1.77%
Aug-93	417.30	-1.12%
Sep-93	429.72	1.81%
Oct-93	411.34	-2.58%
Nov-93	423.92	0.46%
Dec-93	421.14	-0.20%
Average	421.96	-0.03%

Month	Average KW per Month	% from Year Average
Jan-94	442.08	3.85%
Feb-94	428.57	0.82%
Mar-94	429.03	0.93%
Apr-94	416.32	-2.10%
May-94	409.59	-3.77%
Jun-94	438.05	2.97%
Jul-94	426.09	0.25%
Aug-94	427.24	0.51%
Sep-94	411.83	-3.21%
Oct-94	413.81	-2.71%
Nov-94	424.81	-0.06%
Dec-94	433.11	1.86%
Average	425.04	-0.05%

Month	Average Net KW per Month	% from Year Average
Jan-95	426.31	1.01%
Feb-95	428.34	1.48%
Mar-95	424.37	0.56%
Apr-95	425.92	0.92%
May-95	417.67	-1.03%
Jun-95	420.79	-0.28%
Jul-95	426.38	1.03%
Aug-95	411.17	-2.63%
Sep-95	419.91	-0.50%
Oct-95	413.57	-2.04%
Nov-95	423.63	0.39%
Dec-95	425.81	0.90%
Average	421.99	-0.02%

Month	Average KW per Month	% from Year Average
Jan-96	422.58	0.46%
Feb-96	429.89	2.15%
Mar-96	419.35	-0.30%
Apr-96	421.11	0.11%
May-96	422.58	0.46%
Jun-96	424.44	0.90%
Jul-96	419.35	-0.30%
Aug-96	426.88	1.46%
Sep-96	416.67	-0.95%
Oct-96	408.60	-2.94%
Nov-96	418.89	-0.41%
Dec-96	417.20	-0.82%
Average	420.63	-0.02%

Month	Average KW per Month	% from Year Average
Jan-97	430.11	1.45%
Feb-97	432.14	1.91%
Mar-97	426.88	0.70%
Apr-97	426.67	0.65%
May-97	421.51	-0.56%
Jun-97	420.00	-0.92%
Jul-97	418.28	-1.34%
Aug-97	427.96	0.95%
Sep-97	417.78	-1.46%
Oct-97	413.98	-2.39%
Nov-97	422.22	-0.39%
Dec-97	429.03	1.20%
Average	423.88	-0.02%

Month	Average KW per Month	% from Year Average
Jan-98	431.18	1.89%
Feb-98	427.38	1.02%
Mar-98	429.03	1.40%
Apr-98	422.22	-0.19%
May-98	421.51	-0.36%
Jun-98	421.11	-0.45%
Jul-98	424.73	0.40%
Aug-98	424.73	0.40%
Sep-98	418.89	-0.98%
Oct-98	415.05	-1.92%
Nov-98	415.56	-1.79%
Dec-98	424.73	0.40%
Average	423.01	-0.01%

Month	Average KW per Month	% from Year Average
Jan-99	424.73	0.95%
Feb-99	425.00	1.02%
Mar-99	427.96	1.70%
Apr-99	424.44	0.89%
May-99	417.20	-0.83%
Jun-99	417.78	-0.69%
Jul-99	419.35	-0.32%
Aug-99	420.43	-0.86%
Sep-99	421.11	0.10%
Oct-99	410.75	-2.42%
Nov-99	422.22	0.36%
Dec-99	417.20	-0.83%
Average	420.68	-0.01%

SUPPLEMENT TO BASIN 36/37 SURFACE WATER
OPEN CHANNEL DIVERSION LOG SHEETS

IDWR CALCULATION FOR ANNUAL/SEASONAL VOLUME

DIVERSION NAME: Box Canyon Farm
WATER SOURCE: Box Canyon Creek
WATER RIGHT OWNER: Clear Springs Foods
REPORT DATES: 1/1 - 12/31, 1998 365 DAYS
MAX FLOW: 298.90 cfs
WATER RIGHT NO: 36-07040, 07824, 08080
WATER RIGHT LIMIT: 300.00 cfs
DAYS OVER LIMIT: 0

CFS	AF CONV	DAYS	AF
298.50	1.9835	239	141505.9
298.20	1.9835	63	37263.2
298.90	1.9835	63	37350.7

TOTALS 365 216,119.8 acre-feet

Prepared: 04/14/99
By: chodges

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

JAN 11 1999

Department of Water Resources

THIS IS YOUR 1998 WATER MEASUREMENT ANNUAL REPORT**For the Water Measurement Program -
OPEN CHANNEL MEASUREMENT OR NON-TOTALIZING DEVICE****ATTENTION:** Year end data must be submitted to Idaho Department of Water Resources
1301 N. Orchard, Boise Idaho 83706, on or before:**January 15, 1999.****NOTE:** A separate reporting form must be submitted for each diversion. Refer to page 5 for
detailed instructions.**This report form may be used for the following diversion:**

10744

Diversion Name or Facility:	CLEAR SPS FOODS/BOX CANYON FARM
Water Source:	BOX CANYON CREEK
Water Right(s) Owner or Contact:	CLEAR SPRINGS FOODS
<i>(owner name(s) may be omitted if there are multiple owners on same diversion)</i>	HUDDLESTON, TERRY 410032 9

SECTION I Water Right Holder/Operator Information*(If there are multiple water right holders on a common ditch or conveyance system, please designate
the contact person below)***Name and Address of Water Right Holder**Please check for address correction. ☐**Current Owner**Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

Original Owner (if sold within last year)Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

Operator or Contact PersonName _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

See attached readings

SECTION II Water Measurement Log (measurements must be recorded at least once per week and in units of cubic feet per second.)

DAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1						
2						
3						
4						
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6						
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9						
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28						
29		-----				
30		-----				
31		-----		-----		-----

SECTION II (CONT.)

DAY	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER
1						
2						
3						
4						
5						
6						
7						
8						
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31			-----		-----	

SECTION III Measuring Device Information

A. Type & Description of Measuring Device(s):

unchanged

B. Period of Use: For seasonal or partial year diversion/use, show turn-on (start) and turn-off (end) dates:

Beginning diversion date / /
month day

Ending diversion date / /
month day

C. Attach copies of all measuring device rating tables to this report (omit if previously supplied to the Department).

SECTION IV Modifications made in 1998

Please describe in the space below any major modifications made to the diversion works or measuring device which would affect the accuracy of the flow measurements during 1998. Attach drawings, sketches, notes or design information if needed.

none

SECTION V Certification

I hereby certify that the information reported is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Terry Hedderly Farm Operations Mgr
Signature Title

1/7/99
Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources. (Section 42-701(6), Idaho Code).

For Department Use Only

Received by P. Howell Date 1-11-99 Time

Fee amount submitted 25 - Correct? yes — no

Received by M. Williams Receipt No. 0044321

Data entry by Roberta Date 4-27-99

Total Annual Flow (CFS) Max. Div. Rate (CFS) 298.9 on 4-21-99

Total Annual Volume (Acre-Feet) 216,119.8

4-14-99

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

DATE	<----- C.F.S	1992 VAR.	-> *	<----- C.F.S	1993 VAR.	-> *	<----- C.F.S	1994 VAR.	-> *	<----- C.F.S	1995 VAR.	-> *	<----- C.F.S	1996 VAR.	-> *	<----- C.F.S	1997 VAR.	-> *	<----- C.F.S	1998 VAR.	-> *
07-Jan	298.11	0.00	A	296.45	0.00	A	295.56	0.00	A	294.07	0.00	A	296.39	0.00	A	296.19	0.00	A	298.50	0.00	A
14-Jan	298.11	0.00	A	296.45	0.00	A	295.56	0.00	A	294.07	0.00	A	296.39	0.00	A	296.19	0.00	A	298.50	0.00	A
21-Jan	298.11	0.00	A	297.33	0.88		295.56	0.00	A	294.07	0.00	A	296.39	0.00	A	298.89	2.70		298.50	0.00	A
28-Jan	298.11	0.00	A	297.33	0.00	A	295.56	0.00	A	294.07	0.00		295.11	-1.28		298.89	0.00	A	298.50	0.00	A
04-Feb	298.11	0.00	A	297.33	0.00	A	295.56	0.00	A	294.07	0.00		295.11	0.00	A	298.89	0.00	A	298.50	0.00	A
11-Feb	298.11	0.00	A	297.33	0.00	A	295.56	0.00	A	294.07	0.00		295.11	0.00	A	298.89	0.00	A	298.50	0.00	A
18-Feb	298.11	0.00	A	297.33	0.00	A	295.56	0.00	A	294.07	0.00		295.11	0.00	A	298.89	0.00	A	298.15	-0.35	
25-Feb	296.89	-1.22		297.33	0.00	A	295.56	0.00	A	296.83	2.76		295.11	0.00	A	298.89	0.00	A	298.15	0.00	A
03-Mar	296.89	0.00	A	297.33	0.00	A	295.56	0.00	A	296.83	0.00		295.11	0.00	A	297.77	-1.12		298.15	0.00	A
10-Mar	296.89	0.00	A	297.33	0.00	A	295.56	0.00	A	296.83	0.00		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A
17-Mar	296.89	0.00	A	297.33	0.00	A	295.56	0.00	A	296.83	0.00		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A
24-Mar	296.89	0.00	A	297.33	0.00	A	295.56	0.00	A	294.72	-2.11		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A
31-Mar	296.89	0.00	A	296.45	-0.88		295.56	0.00	A	294.72	0.00		295.11	0.00	A	297.77	0.00	A	298.15	0.00	A
07-Apr	296.89	0.00	A	296.45	0.00	A	295.56	0.00	A	294.72	0.00		295.87	0.76		297.77	0.00	A	298.15	0.00	A
14-Apr	296.89	0.00	A	296.45	0.00	A	295.56	0.00	A	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.15	0.00	A
21-Apr	296.89	0.00	A	296.45	0.00	A	296.89	1.33		292.38	-2.34		295.87	0.00	A	297.77	0.00	A	298.89	0.74	
28-Apr	296.89	0.00	A	296.45	0.00	A	296.89	0.00	A	294.72	2.34		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A
05-May	296.89	0.00	A	296.45	0.00	A	296.89	0.00	A	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A
12-May	296.89	0.00	A	296.45	0.00	A	296.89	0.00	A	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A
19-May	296.89	0.00	A	294.67	-1.78		296.89	0.00	A	294.72	0.00		295.87	0.00	A	297.77	0.00	A	298.89	0.00	A
26-May	295.99	-0.90		296.00	1.33		297.33	0.44		294.53	-0.19		295.87	0.00	A	298.22	0.45		298.89	0.00	A
02-Jun	295.99	0.00	A	296.00	0.00	A	297.33	0.00	A	294.53	0.00		295.87	0.00	A	298.22	0.00	A	298.89	0.00	A
09-Jun	295.99	0.00	A	296.00	0.00	A	297.33	0.00	A	294.53	0.00		295.87	0.00	A	298.22	0.00	A	298.89	0.00	A
16-Jun	295.99	0.00	A	296.00	0.00	A	297.33	0.00	A	294.53	0.00		295.87	0.00	A	298.22	0.00	A	298.89	0.00	A
23-Jun	294.67	-1.32		296.00	0.00	A	297.33	0.00	A	294.53	0.00		297.78	1.91		298.22	0.00	A	298.52	-0.37	
30-Jun	294.66	-0.01	A	296.00	0.00	A	297.33	0.00	A	294.53	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A
07-Jul	294.66	0.00	A	296.00	0.00	A	297.33	0.00	A	294.53	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A
14-Jul	294.66	0.00	A	296.00	0.00	A	297.33	0.00	A	294.53	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A
21-Jul	294.66	0.00	A	296.88	0.88		294.22	-3.11		294.81	0.28		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A
28-Jul	294.66	0.00	A	296.88	0.00	A	294.22	0.00	A	294.81	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A
04-Aug	294.66	0.00	A	296.88	0.00	A	294.22	0.00	A	294.81	0.00		297.78	0.00	A	298.22	0.00	A	298.52	0.00	A
11-Aug	294.66	0.00	A	296.88	0.00	A	294.22	0.00	A	294.81	0.00		297.78	0.00	A	298.50	0.28		298.52	0.00	A
18-Aug	294.66	0.00	A	296.88	0.00	A	294.22	0.00	A	294.81	0.00		297.78	0.00	A	298.50	0.00	A	298.52	0.00	A
25-Aug	294.66	0.00	A	296.88	0.00	A	294.22	0.00	A	294.56	-0.25		297.73	-0.05		298.50	0.00	A	298.52	0.00	A
01-Sep	294.66	0.00	A	296.88	0.00	A	294.22	0.00	A	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A
08-Sep	296.89	2.23		296.88	0.00	A	294.22	0.00	A	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A
15-Sep	296.89	0.00	A	296.88	0.00	A	294.22	0.00	A	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A
22-Sep	296.89	0.00	A	296.89	0.01		294.22	0.00	A	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A
29-Sep	296.89	0.00	A	296.89	0.00	A	294.22	0.00	A	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A
06-Oct	296.89	0.00	A	296.89	0.00	A	294.22	0.00	A	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A
13-Oct	296.89	0.00	A	296.89	0.00	A	294.44	0.22		294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A
20-Oct	296.89	0.00	A	296.89	0.00	A	294.44	0.00	A	294.56	0.00		297.73	0.00	A	298.50	0.00	A	298.52	0.00	A
27-Oct	297.78	0.89		296.89	0.00	A	294.44	0.00	A	295.44	0.88		296.19	-1.54		298.50	0.00	A	298.52	0.00	A
03-Nov	297.78	0.00	A	296.89	0.00	A	294.44	0.00	A	295.44	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A
10-Nov	297.78	0.00	A	296.89	0.00	A	294.44	0.00	A	295.44	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A
17-Nov	297.78	0.00	A	296.89	0.00	A	294.44	0.00	A	295.44	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A
24-Nov	296.45	-1.33		295.56	-1.33		294.44	0.00	A	295.44	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A
01-Dec	296.45	0.00	A	295.56	0.00	A	294.44	0.00	A	296.39	0.95		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A
08-Dec	296.45	0.00	A	295.56	0.00	A	294.44	0.00	A	296.39	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A
15-Dec	296.45	0.00	A	295.56	0.00	A	294.44	0.00	A	296.39	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A
22-Dec	296.45	0.00	A	295.56	0.00	A	294.07	-0.37		296.39	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A
29-Dec	296.45	0.00	A	295.56	0.00	A	294.07	0.00	A	296.39	0.00		296.19	0.00	A	298.50	0.00	A	298.52	0.00	A
31-Dec													296.19	0.00	A						

Mr. Tim Luke
State of Idaho - Department of Water Resources
1303 North Orchard Street
State House Mail
Boise, Idaho. 83720-9000

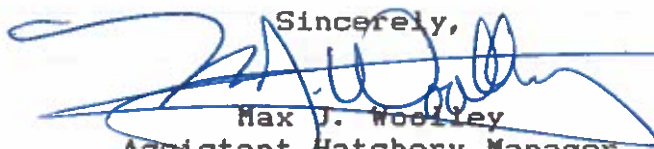
Dear Tim:

When you toured the Box Canyon facility with me in March 1995, I showed you our hydroelectric plant and explained how the kilowatt output readings were an excellent double check to our monthly water flow meter readings. Although the amount of power produced is reduced by debris in our influent waters, kilowatt output is essentially a direct result of water flow. As I did last year, I've listed the records of average net kilowatts produced for the year just completed at Box Canyon.

Month of 1998	Average Net Kilowatts	Percent Difference from Yearly Average
January	431.18	1.89%
February	427.38	1.02%
March	429.03	1.40%
April	422.22	-0.19%
May	421.51	-0.36%
June	421.11	-0.45%
July	424.73	0.40%
August	424.73	0.40%
September	418.89	-0.98%
October	415.05	-1.92%
November	415.56	-1.79%
December	424.73	0.40%
Average	423.01	-0.01%

While there were highs and lows due to debris, no monthly average varied more than 4% from the years overall average. The greatest difference occurred in October, as it did last year and the year before, when dead leaves in our influent waters are always substantial. As I have done in the past, I also included our kilowatt output for the last twelve years.

Sincerely,


Max J. Woolley
Assistant Hatchery Manager
Box Canyon Farm

Box Canyon Farm
Hydroelectric Operations Kilowatts Produced

Month	Average Net KW per Month	% from Year Average
Jan-87	438.24	1.57%
Feb-87	439.51	1.85%
Mar-87	436.18	1.11%
Apr-87	426.64	-1.11%
May-87	433.80	0.56%
Jun-87	432.59	0.28%
Jul-87	431.79	0.10%
Aug-87	429.76	-0.37%
Sep-87	437.78	1.47%
Oct-87	409.38	-5.37%
Nov-87	419.76	-2.76%
Dec-87	440.87	2.16%
Average	431.36	-0.04%

Month	Average Net KW per Month	% from Year Average
Jan-90	424.54	0.69%
Feb-90	418.30	-0.79%
Mar-90	428.98	1.72%
Apr-90	421.15	-0.11%
May-90	423.05	0.34%
Jun-90	423.98	0.56%
Jul-90	423.70	0.49%
Aug-90	412.41	-2.23%
Sep-90	429.92	1.93%
Oct-90	406.07	-3.83%
Nov-90	420.17	-0.34%
Dec-90	427.08	1.28%
Average	421.61	-0.02%

Month	Average Net KW per Month	% from Year Average
Jan-93	435.76	3.17%
Feb-93	426.83	1.14%
Mar-93	425.99	0.95%
Apr-93	414.89	-1.70%
May-93	424.64	0.63%
Jun-93	417.41	-1.09%
Jul-93	414.61	-1.77%
Aug-93	417.30	-1.12%
Sep-93	429.72	1.81%
Oct-93	411.34	-2.58%
Nov-93	423.92	0.46%
Dec-93	421.14	-0.20%
Average	421.96	-0.03%

Month	Average Net KW per Month	% from Year Average
Jan-96	422.58	0.46%
Feb-96	429.89	2.15%
Mar-96	419.35	-0.30%
Apr-96	421.11	0.11%
May-96	422.58	0.46%
Jun-96	424.44	0.90%
Jul-96	419.35	-0.30%
Aug-96	426.88	1.46%
Sep-96	416.67	-0.95%
Oct-96	408.60	-2.94%
Nov-96	418.89	-0.41%
Dec-96	417.20	-0.82%
Average	420.63	-0.02%

Month	Average Net KW per Month	% from Year Average
Jan-88	447.11	0.22%
Feb-88	450.05	0.87%
Mar-88	449.71	0.79%
Apr-88	448.40	0.50%
May-88	445.70	-0.10%
Jun-88	451.25	1.13%
Jul-88	449.06	0.65%
Aug-88	441.98	-0.94%
Sep-88	440.60	-1.26%
Oct-88	433.60	-2.89%
Nov-88	454.42	1.82%
Dec-88	441.86	-0.97%
Average	446.15	-0.02%

Month	Average Net KW per Month	% from Year Average
Jan-91	429.09	1.31%
Feb-91	429.65	1.44%
Mar-91	427.00	0.83%
Apr-91	424.44	0.23%
May-91	423.42	-0.01%
Jun-91	424.51	0.25%
Jul-91	422.13	-0.31%
Aug-91	423.94	0.11%
Sep-91	419.47	-0.95%
Oct-91	413.05	-2.52%
Nov-91	415.84	-1.83%
Dec-91	428.97	1.28%
Average	423.46	-0.01%

Month	Average Net KW per Month	% from Year Average
Jan-94	442.08	3.85%
Feb-94	428.57	0.82%
Mar-94	429.03	0.93%
Apr-94	416.32	-2.10%
May-94	409.59	-3.77%
Jun-94	438.05	2.97%
Jul-94	426.09	0.25%
Aug-94	427.24	0.51%
Sep-94	411.83	-3.21%
Oct-94	413.81	-2.71%
Nov-94	424.81	-0.06%
Dec-94	433.11	1.86%
Average	425.04	-0.05%

Month	Average Net KW per Month	% from Year Average
Jan-97	430.11	1.45%
Mar-97	432.14	1.91%
Mar-97	426.88	0.70%
Apr-97	426.67	0.65%
May-97	421.51	-0.56%
Jun-97	420.00	-0.92%
Jul-97	418.28	-1.34%
Aug-97	427.96	0.95%
Sep-97	417.78	-1.46%
Oct-97	413.98	-2.39%
Nov-97	422.22	-0.39%
Dec-97	429.03	1.20%
Average	423.88	-0.02%

Month	Average Net KW per Month	% from Year Average
Jan-89	450.29	4.01%
Feb-89	451.86	4.34%
Mar-89	452.15	4.40%
Apr-89	446.08	3.10%
May-89	426.36	-1.38%
Jun-89	424.88	-1.73%
Jul-89	424.65	-1.79%
Aug-89	417.53	-3.53%
Sep-89	414.50	-4.28%
Oct-89	417.13	-3.62%
Nov-89	419.76	-2.98%
Dec-89	441.80	2.16%
Average	432.25	-0.11%

Month	Average Net KW per Month	% from Year Average
Jan-92	429.41	1.50%
Feb-92	429.82	1.59%
Mar-92	430.99	1.86%
Apr-92	438.57	3.55%
May-92	410.24	-3.11%
Jun-92	417.82	-1.24%
Jul-92	417.35	-1.35%
Aug-92	419.44	-0.85%
Sep-92	429.01	1.40%
Oct-92	404.07	-4.68%
Nov-92	423.44	0.11%
Dec-92	425.67	0.63%
Average	422.99	-0.05%

Month	Average Net KW per Month	% from Year Average
Jan-95	426.31	1.01%
Feb-95	428.34	1.48%
Mar-95	424.37	0.56%
Apr-95	425.92	0.92%
May-95	417.67	-1.03%
Jun-95	420.79	-0.28%
Jul-95	426.38	1.03%
Aug-95	411.17	-2.63%
Sep-95	419.91	-0.50%
Oct-95	413.57	-2.04%
Nov-95	423.63	0.39%
Dec-95	425.81	0.90%
Average	421.99	-0.02%

Month	Average Net KW per Month	% from Year Average
Jan-98	431.18	1.89%
Mar-98	427.38	1.02%
Mar-98	429.03	1.40%
Apr-98	422.22	-0.19%
May-98	421.51	-0.36%
Jun-98	421.11	-0.45%
Jul-98	424.73	0.40%
Aug-98	424.73	0.40%
Sep-98	418.89	-0.98%
Oct-98	415.05	-1.92%
Nov-98	415.56	-1.79%
Dec-98	424.73	0.40%
Average	423.01	-0.01%

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESRECEIVED
12398
JAN 21 1998

Department of Water Resources

Water Measurement Program FOR MEASURING DEVICE METHOD

1997 Reporting Form

ATTENTION: Water users — Year end data must be submitted to Idaho Department of Water Resources 1301 N. Orchard Boise Idaho 83706, on or before January 15, 1998.

NOTE: A separate reporting form must be submitted for each diversion from a public water source.

This report form may be used for the following diversion:

Diversion Name or Facility: CLEAR SPRINGS FOODS/BOX CANYON FARM
Water Source : BOX CANYON CREEK
Water Right(s) Owner or Contact: CLEAR SPRINGS FOODS
(owner name(s) may be omitted if there HUDDLESTON, TERRY
are multiple owners on same diversion)

SECTION I Water Right Holder/Operator Information

Name and Address of Water Right Holder

Current Owner

Name Clear Springs Foods, Inc.Phone 208-543-8717Address P.O. Box 712Fax 208-543-4146City BoiseState & Zip Idaho 83316

Original Owner (if sold within last year)

Name _____

Phone _____

Last, First, MI

Address _____

Fax _____

City _____

State & Zip _____

Operator (if leased or operated by someone else) or Contact Person

Name Huddleston, TerryPhone 543-8717Address P.O. Box 712Fax 543-4146City BoiseState & Zip Idaho 83316

SECTION II. Rate of flow and volume diverted

Meter multiplier X _____ (if any)

Units of measurement (Acre feet, gallons or other) _____

Date (enter date of reading)	Totalizer reading	Acre feet since last reading	Cumulative acre feet	Flow rate cfs or gpm	Discharge pressure
Jan.					
Feb.					
March ()					
April ()					
May ()					
June ()					
July ()					
Aug ()					
Sept. ()					
Oct. ()					
Nov. ()					
Dec. ()					

Does totalizer reading above include meter multiplier? _____ Yes _____ No

Total Acre-feet _____

Comment:

see 1995 report for details. Nothing has changed.

Please describe in the space below any major modifications made to the piping system which would affect the accuracy of the flow measurements during 1995. Attach drawings, sketches, notes or design information if needed.

*Input CFS in SW36 data entry
from Clear Springs
meter Report in a 1m h2R*

SECTION III Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Terr. Riddick Farm Operations Mgr. 1/12/98
Signature Title Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of twenty dollars (\$25) per diversion made payable to the Idaho Department of Water Resources. (Section 42-701(6), Idaho Code)

For Department Use Only

Received by H. Strand Date 1/21/98 Time _____

Fee amount submitted 25.00 Correct? yes _____ no _____

Receipted by H. Strand Receipt No. 1011229

Data Entry by Roberta Date 4-27-99

Total Annual Volume (Acre-Feet) 215,883.0 Max Div. Rate (CFS) 298.89

1-21-97

(WR)

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

Total Flow
Box Canyon Farm
↓

DATE	1992 C.F.S	1992 VAR. *	1993 C.F.S	1993 VAR. *	1994 C.F.S	1994 VAR. *	1995 C.F.S	1995 VAR. *	1996 C.F.S	1996 VAR. *	1997 C.F.S	1997 VAR. *
07-Jan	298.11	0.00 A	296.45	0.00 A	295.56	0.00 A	294.07	0.00 A	296.39	0.00 A	296.19	0.00 A
14-Jan	298.11	0.00 A	296.45	0.00 A	295.56	0.00 A	294.07	0.00 A	296.39	0.00 A	296.19	0.00 A
21-Jan	298.11	0.00 A	297.33	0.88	295.56	0.00 A	294.07	0.00 A	296.39	0.00 A	298.89	2.70
28-Jan	298.11	0.00 A	297.33	0.00 A	295.56	0.00 A	294.07	0.00	295.11	-1.28	298.89	0.00 A
04-Feb	298.11	0.00 A	297.33	0.00 A	295.56	0.00 A	294.07	0.00	295.11	0.00 A	298.89	0.00 A
11-Feb	298.11	0.00 A	297.33	0.00 A	295.56	0.00 A	294.07	0.00	295.11	0.00 A	298.89	0.00 A
18-Feb	298.11	0.00 A	297.33	0.00 A	295.56	0.00 A	294.07	0.00	295.11	0.00 A	298.89	0.00 A
25-Feb	296.89	-1.22	297.33	0.00 A	295.56	0.00 A	296.83	2.76	295.11	0.00 A	298.89	0.00 A
03-Mar	296.89	0.00 A	297.33	0.00 A	295.56	0.00 A	296.83	0.00	295.11	0.00 A	297.77	-1.12 A
10-Mar	296.89	0.00 A	297.33	0.00 A	295.56	0.00 A	296.83	0.00	295.11	0.00 A	297.77	0.00 A
17-Mar	296.89	0.00 A	297.33	0.00 A	295.56	0.00 A	296.83	0.00	295.11	0.00 A	297.77	0.00 A
24-Mar	296.89	0.00 A	297.33	0.00 A	295.56	0.00 A	294.72	-2.11	295.11	0.00 A	297.77	0.00 A
31-Mar	296.89	0.00 A	296.45	-0.88	295.56	0.00 A	294.72	0.00	295.11	0.00 A	297.77	0.00 A
07-Apr	296.89	0.00 A	296.45	0.00 A	295.56	0.00 A	294.72	0.00	295.87	0.76 A	297.77	0.00 A
14-Apr	296.89	0.00 A	296.45	0.00 A	295.56	0.00 A	294.72	0.00	295.87	0.00 A	297.77	0.00 A
21-Apr	296.89	0.00 A	296.45	0.00 A	296.89	1.33	292.38	-2.34	295.87	0.00 A	297.77	0.00 A
28-Apr	296.89	0.00 A	296.45	0.00 A	296.89	0.00 A	294.72	2.34	295.87	0.00 A	297.77	0.00 A
05-May	296.89	0.00 A	296.45	0.00 A	296.89	0.00 A	294.72	0.00	295.87	0.00 A	297.77	0.00 A
12-May	296.89	0.00 A	296.45	0.00 A	296.89	0.00 A	294.72	0.00	295.87	0.00 A	297.77	0.00 A
19-May	296.89	0.00 A	294.67	-1.78	296.89	0.00 A	294.72	0.00	295.87	0.00 A	297.77	0.00 A
26-May	295.99	-0.90	296.00	1.33	297.33	0.44	294.53	-0.19	295.87	0.00 A	298.22	0.45
02-Jun	295.99	0.00 A	296.00	0.00 A	297.33	0.00 A	294.53	0.00	295.87	0.00 A	298.22	0.00 A
09-Jun	295.99	0.00 A	296.00	0.00 A	297.33	0.00 A	294.53	0.00	295.87	0.00 A	298.22	0.00 A
16-Jun	295.99	0.00 A	296.00	0.00 A	297.33	0.00 A	294.53	0.00	295.87	0.00 A	298.22	0.00 A
23-Jun	294.67	-1.32	296.00	0.00 A	297.33	0.00 A	294.53	0.00	297.78	1.91	298.22	0.00 A
30-Jun	294.66	-0.01 A	296.00	0.00 A	297.33	0.00 A	294.53	0.00	297.78	0.00 A	298.22	0.00 A
07-Jul	294.66	0.00 A	296.00	0.00 A	297.33	0.00 A	294.53	0.00	297.78	0.00 A	298.22	0.00 A
14-Jul	294.66	0.00 A	296.00	0.00 A	297.33	0.00 A	294.53	0.00	297.78	0.00 A	298.22	0.00 A
21-Jul	294.66	0.00 A	296.88	0.88	294.22	-3.11	294.81	0.28	297.78	0.00 A	298.22	0.00 A
28-Jul	294.66	0.00 A	296.88	0.00 A	294.22	0.00 A	294.81	0.00	297.78	0.00 A	298.22	0.00 A
04-Aug	294.66	0.00 A	296.88	0.00 A	294.22	0.00 A	294.81	0.00	297.78	0.00 A	298.22	0.00 A
11-Aug	294.66	0.00 A	296.88	0.00 A	294.22	0.00 A	294.81	0.00	297.78	0.00 A	298.50	0.28
18-Aug	294.66	0.00 A	296.88	0.00 A	294.22	0.00 A	294.81	0.00	297.78	0.00 A	298.50	0.00 A
25-Aug	294.66	0.00 A	296.88	0.00 A	294.22	0.00 A	294.56	-0.25	297.73	-0.05	298.50	0.00 A
01-Sep	294.66	0.00 A	296.88	0.00 A	294.22	0.00 A	294.56	0.00	297.73	0.00 A	298.50	0.00 A
08-Sep	296.89	2.23	296.88	0.00 A	294.22	0.00 A	294.56	0.00	297.73	0.00 A	298.50	0.00 A
15-Sep	296.89	0.00 A	296.88	0.00 A	294.22	0.00 A	294.56	0.00	297.73	0.00 A	298.50	0.00 A
22-Sep	296.89	0.00 A	296.89	0.01	294.22	0.00 A	294.56	0.00	297.73	0.00 A	298.50	0.00 A
29-Sep	296.89	0.00	296.89	0.00 A	294.22	0.00 A	294.56	0.00	297.73	0.00 A	298.50	0.00 A
06-Oct	296.89	0.00 A	296.89	0.00 A	294.22	0.00 A	294.56	0.00	297.73	0.00 A	298.50	0.00 A
13-Oct	296.89	0.00 A	296.89	0.00 A	294.44	0.22	294.56	0.00	297.73	0.00 A	298.50	0.00 A
20-Oct	296.89	0.00 A	296.89	0.00 A	294.44	0.00 A	294.56	0.00	297.73	0.00 A	298.50	0.00 A
27-Oct	297.78	0.89	296.89	0.00 A	294.44	0.00 A	295.44	0.88	296.19	-1.54	298.50	0.00 A
03-Nov	297.78	0.00 A	296.89	0.00 A	294.44	0.00 A	295.44	0.00	296.19	0.00 A	298.50	0.00 A
10-Nov	297.78	0.00 A	296.89	0.00 A	294.44	0.00 A	295.44	0.00	296.19	0.00 A	298.50	0.00 A
17-Nov	297.78	0.00 A	296.89	0.00 A	294.44	0.00 A	295.44	0.00	296.19	0.00 A	298.50	0.00 A
24-Nov	296.45	-1.33	295.56	-1.33	294.44	0.00 A	295.44	0.00	296.19	0.00 A	298.50	0.00 A
01-Dec	296.45	0.00 A	295.56	0.00 A	294.44	0.00 A	296.39	0.95	296.19	0.00 A	298.50	0.00 A
08-Dec	296.45	0.00 A	295.56	0.00 A	294.44	0.00 A	296.39	0.00	296.19	0.00 A	298.50	0.00 A
15-Dec	296.45	0.00 A	295.56	0.00 A	294.44	0.00 A	296.39	0.00	296.19	0.00 A	298.50	0.00 A
22-Dec	296.45	0.00 A	295.56	0.00 A	294.07	-0.37	296.39	0.00	296.19	0.00 A	298.50	0.00 A
29-Dec	296.45	0.00 A	295.56	0.00 A	294.07	0.00 A	296.39	0.00	296.19	0.00 A	298.50	0.00 A
31-Dec									296.19	0.00 A		

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Mr. Tim Luke
State of Idaho - Department of Water Resources
1303 North Orchard Street
State House Mail
Boise, Idaho. 83720-9000

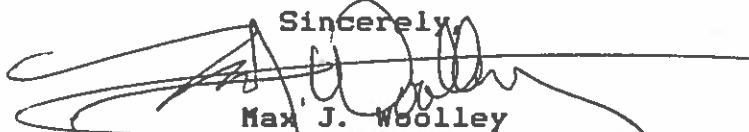
Dear Tim:

When you toured the Box Canyon facility with me in March 1995, I showed you our hydroelectric plant and explained how the kilowatt output readings were an excellent double check to our monthly water flow meter readings. Although the amount of power produced is reduced by debris in our influent waters, kilowatt output is essentially a direct result of water flow. Below are the records of average net kilowatts produced for the last year at Box Canyon.

Month of 1997	Average Net Kilowatts	Percent Difference from Yearly Average
January	430.11	1.45%
February	432.14	1.91%
March	426.88	0.70%
April	426.67	0.65%
May	421.51	-0.56%
June	420.00	-0.92%
July	418.28	-1.34%
August	427.96	0.95%
September	417.78	-1.46%
October	413.98	-2.39%
November	422.22	-0.39%
December	429.03	1.20%
Average	423.88	-0.02%

While there were highs and lows due to debris, no monthly average varied more than 4% from the years overall average. The greatest difference occurred in October, as it did last year, when dead leaves in our influent waters are always substantial.

Sincerely,


Max J. Wolley
Assistant Hatchery Manager
Box Canyon Farm

Box Canyon Farm
Hydroelectric Operations Kilowatts Produced

Month	Average Net KH per Month	% from Year Average
Jan-86	422.38	-0.82%
Feb-86	423.20	-0.62%
Mar-86	421.77	-0.96%
Apr-86	426.58	0.17%
May-86	424.41	-0.34%
Jun-86	426.95	0.26%
Jul-86	436.38	2.42%
Aug-86	420.01	-1.39%
Sep-86	423.23	-0.62%
Oct-86	419.23	-1.58%
Nov-86	430.45	1.07%
Dec-86	435.48	2.21%
Average	425.84	-0.02%

Month	Average Net KH per Month	% from Year Average
Jan-89	450.29	4.01%
Feb-89	451.86	4.34%
Mar-89	452.15	4.40%
Apr-89	446.08	3.10%
May-89	426.36	-1.38%
Jun-89	424.88	-1.73%
Jul-89	424.65	-1.79%
Aug-89	417.53	-3.53%
Sep-89	414.50	-4.28%
Oct-89	417.13	-3.62%
Nov-89	419.76	-2.98%
Dec-89	441.80	2.16%
Average	432.25	-0.11%

Month	Average Net KH per Month	% from Year Average
Jan-92	429.41	1.50%
Feb-92	429.82	1.59%
Mar-92	430.99	1.86%
Apr-92	438.57	3.55%
May-92	410.24	-3.11%
Jun-92	417.82	-1.24%
Jul-92	417.35	-1.35%
Aug-92	419.44	-0.85%
Sep-92	429.01	1.40%
Oct-92	404.07	-4.68%
Nov-92	423.44	0.11%
Dec-92	425.67	0.63%
Average	422.99	-0.05%

Month	Average Net KH per Month	% from Year Average
Jan-95	426.31	1.01%
Feb-95	428.34	1.48%
Mar-95	424.37	0.56%
Apr-95	425.92	0.92%
May-95	417.67	-1.03%
Jun-95	420.79	-0.28%
Jul-95	426.38	1.03%
Aug-95	411.17	-2.63%
Sep-95	419.91	-0.50%
Oct-95	413.57	-2.04%
Nov-95	423.63	0.39%
Dec-95	425.81	0.90%
Average	421.99	-0.02%

Month	Average Net KH per Month	% from Year Average
Jan-87	438.24	1.57%
Feb-87	439.51	1.85%
Mar-87	436.18	1.11%
Apr-87	426.64	-1.11%
May-87	433.80	0.56%
Jun-87	432.59	0.28%
Jul-87	431.79	0.10%
Aug-87	429.76	-0.37%
Sep-87	437.78	1.47%
Oct-87	409.38	-5.37%
Nov-87	419.76	-2.76%
Dec-87	440.87	2.16%
Average	431.36	-0.04%

Month	Average Net KH per Month	% from Year Average
Jan-90	424.54	0.69%
Feb-90	418.30	-0.79%
Mar-90	428.98	1.72%
Apr-90	421.15	-0.11%
May-90	423.05	0.34%
Jun-90	423.98	0.56%
Jul-90	423.70	0.49%
Aug-90	412.41	-2.23%
Sep-90	429.92	1.93%
Oct-90	406.07	-3.83%
Nov-90	420.17	-0.34%
Dec-90	427.08	1.28%
Average	421.61	-0.02%

Month	Average Net KH per Month	% from Year Average
Jan-93	435.76	3.17%
Feb-93	426.83	1.14%
Mar-93	425.99	0.95%
Apr-93	414.89	-1.70%
May-93	424.64	0.63%
Jun-93	417.41	-1.09%
Jul-93	414.61	-1.77%
Aug-93	417.30	-1.12%
Sep-93	429.72	1.81%
Oct-93	411.34	-2.58%
Nov-93	423.92	0.46%
Dec-93	421.14	-0.20%
Average	421.96	-0.03%

Month	Average Net KH per Month	% from Year Average
Jan-96	422.58	0.46%
Feb-96	429.89	2.15%
Mar-96	419.35	-0.30%
Apr-96	421.11	0.11%
May-96	422.58	0.46%
Jun-96	424.44	0.90%
Jul-96	419.35	-0.30%
Aug-96	426.88	1.46%
Sep-96	416.67	-0.95%
Oct-96	408.60	-2.94%
Nov-96	418.89	-0.41%
Dec-96	417.20	-0.82%
Average	420.63	-0.02%

Month	Average Net KH per Month	% from Year Average
Jan-88	447.11	0.22%
Feb-88	450.05	0.87%
Mar-88	449.71	0.79%
Apr-88	448.40	0.50%
May-88	445.70	-0.10%
Jun-88	451.25	1.13%
Jul-88	449.06	0.65%
Aug-88	441.98	-0.94%
Sep-88	440.60	-1.26%
Oct-88	433.60	-2.89%
Nov-88	454.42	1.82%
Dec-88	441.86	-0.97%
Average	446.15	-0.02%

Month	Average Net KH per Month	% from Year Average
Jan-91	429.09	1.31%
Feb-91	429.65	1.44%
Mar-91	427.00	0.83%
Apr-91	424.44	0.23%
May-91	423.42	-0.01%
Jun-91	424.51	0.25%
Jul-91	422.13	-0.31%
Aug-91	423.94	0.11%
Sep-91	419.47	-0.95%
Oct-91	413.05	-2.52%
Nov-91	415.84	-1.83%
Dec-91	428.97	1.28%
Average	423.46	-0.01%

Month	Average Net KH per Month	% from Year Average
Jan-94	442.08	3.85%
Feb-94	428.57	0.82%
Mar-94	429.03	0.93%
Apr-94	416.32	-2.10%
May-94	409.59	-3.77%
Jun-94	438.05	2.97%
Jul-94	426.09	0.25%
Aug-94	427.24	0.51%
Sep-94	411.83	-3.21%
Oct-94	413.81	-2.71%
Nov-94	424.81	-0.06%
Dec-94	433.11	1.86%
Average	425.04	-0.05%

Month	Average Net KH per Month	% from Year Average
Jan-97	430.11	1.45%
Mar-97	432.14	1.91%
Mar-97	426.88	0.70%
Apr-97	426.67	0.65%
May-97	421.51	-0.56%
Jun-97	420.00	-0.92%
Jul-97	418.28	-1.34%
Aug-97	427.96	0.95%
Sep-97	417.78	-1.46%
Oct-97	413.98	-2.39%
Nov-97	422.22	-0.39%
Dec-97	429.03	1.20%
Average	423.88	-0.02%

SUPPLEMENT TO BASIN 36 SURFACE WATER
OPEN CHANNEL DIVERSION LOG SHEETS

IDWR CALCULATION FOR ANNUAL/SEASONAL VOLUME

DIVERSION NAME: Box Canyon Farm
WATER SOURCE: Box Canyon Creek
WATER RIGHT OWNER: Clear Springs Foods
REPORT DATES: 1/1-12/31, 1997 365 DAYS
MAX FLOW: 298.89
WATER RIGHT LIMIT: 300 cfs
DAYS OVER LIMIT: 0

CFS	AF CONV	DAYS	AF
296.19	1.9835	20	11749.9
298.89	1.9835	41	24306.8
297.77	1.9835	84	49612.7
298.22	1.9835	77	45547.0
298.50	1.9835	143	84666.7
TOTALS		365	215,883.0

Prepared: 05/11/98
By: chodges

SUPPLEMENT TO BASIN 36 SURFACE WATER
OPEN CHANNEL DIVERSION LOG SHEETS

IDWR CALCULATION FOR ANNUAL/SEASONAL VOLUME

DIVERSION NAME: BOX CANYON HATCHERY
WATER SOURCE: BOX CANYON CREEK
WATER RIGHT OWNER: CLEAR SPRINGS FOODS
REPORT DATES: 1/1 - 12/31, 1996
MAX FLOW: 297.78

CFS	AF CONV	DAYS	AF
296.39	1.9835	21	12345.7
295.11	1.9835	70	40974.5
295.87	1.9835	77	45188.1
297.78	1.9835	63	37210.7
297.73	1.9835	63	37204.5
296.19	1.9835	72	42299.5

TOTALS		366	215,223.0
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Prepared: 08/26/97
By: chodges

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESWater Measurement Program FOR MEASURING DEVICE METHOD

1996 Reporting Form

ATTENTION: Water users --- Year end data must be submitted to Idaho Department of Water Resources 1301 N. Orchard Boise Idaho 83706, on or before January 15, 1997.

NOTE: A separate reporting form must be submitted for each diversion from a public water source.

This report form may be used for the following diversion:

Diversion Name or Facility:

Water Source :

Water Right(s) Owner or Contact:

(owner name(s) may be omitted if there are multiple owners on same diversion)

CLEAR SPS FOODS/BOX CANYON FARM
BOX CANYON CREEK
CLEAR SPRINGS FOODS
HUDDLESTON, TERRY

SECTION I Water Right Holder/Operator Information

Name and Address of Water Right Holder

Current Owner

Name Clear Springs Foods, Inc.

Last, First, MI

Address P.O. Box 712

State & Zip Idaho 83316

Phone 208-543-8717

Fax 208-543-4146

City Buhl

Original Owner (if sold within last year)

Name _____

Last, First, MI

Address _____

City _____

Phone _____

Fax _____

State & Zip _____

Operator (if leased or operated by someone else) or Contact Person

Name Huddleston, Terry

Last, First, MI

Address P.O. Box 712

City Buhl

Phone 543-8717

Fax 543-4146

State & Zip Idaho 83316

SECTION II. Rate of flow and volume diverted

Meter multiplier X _____ (if any)

Units of measurement (Acre feet, gallons or other) _____

Date (enter date of reading)	Totalizer reading	Acre feet since last reading	Cumulative acre feet	Flow rate cfs or gpm	Discharge pressure
Jan.					
Feb.					
March ()					
April ()					
May ()					
June ()					
July ()					
Aug ()					
Sept. ()					
Oct. ()					
Nov. ()					
Dec. ()					

Does totalizer reading above include meter multiplier? _____ Yes _____ No

Total Acre-feet _____

Comment:

see 1995 report for details. Nothing has changed.

Please describe in the space below any major modifications made to the piping system which would affect the accuracy of the flow measurements during 1995. Attach drawings, sketches, notes or design information if needed.

SECTION III Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Terry R. Huddleston Farm Operations Mgr. 2/4/97
Signature Title Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of twenty dollars (\$25) per diversion made payable to the Idaho Department of Water Resources. (Section 42-701(6), Idaho Code)

For Department Use Only

Received by _____ Date 8-13-97 Time _____

Fee amount submitted 25 Correct? yes ☒ no ☐

Receipted by _____ Receipt No. C039826

Data Entry by ajh Date 8-26-97

Total Annual Volume (Acre-Feet) 214,637.7 Max Div. Rate (CFS) 297.78

Input CFS from Clear
Springs Computers report
9/19/01 DEET

UPDATE DATE
12/30/96

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

DATE	(----- 1985 -----)	(----- 1986 -----)	(----- 1987 -----)	(----- 1988 -----)	(----- 1989 -----)	(----- 1990 -----)	(----- 1991 -----)
	C.F.S	VAR. *	C.F.S	VAR. *	C.F.S	VAR. *	C.F.S
01-Jan	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11-Jan	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21-Jan	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11-Feb	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21-Feb	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Mar	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11-Mar	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21-Mar	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Apr	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11-Apr	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21-Apr	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-May	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11-May	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21-May	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Jun	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11-Jun	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21-Jun	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Jul	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11-Jul	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21-Jul	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11-Aug	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21-Aug	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Sep	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11-Sep	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21-Sep	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Oct	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11-Oct	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21-Oct	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Nov	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11-Nov	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21-Nov	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Dec	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11-Dec	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21-Dec	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31-Dec							

These are the Box Canyon Farm total Flows.

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.

DATE	1992 -)			1993 -)			1994 -)			1995 -)			1996 -)			
	C.F.S	VAR.	*	C.F.S	VAR.	*	C.F.S	VAR.	*	C.F.S	VAR.	*	C.F.S	VAR.	*	
07-Jan	298.11	0.00	A	296.45	0.00	A	295.56	0.00	A	294.07	0.00	A	296.39	0.00	A	Days
14-Jan	298.11	0.00	A	296.45	0.00	A	295.56	0.00	A	294.07	0.00	A	296.39	0.00	A	21
21-Jan	298.11	0.00	A	297.33	0.88		295.56	0.00	A	294.07	0.00	A	296.39	0.00	A	
28-Jan	298.11	0.00	A	297.33	0.00	A	295.56	0.00	A	294.07	0.00		295.11	-1.28		
04-Feb	298.11	0.00	A	297.33	0.00	A	295.56	0.00	A	294.07	0.00		295.11	0.00	A	
11-Feb	298.11	0.00	A	297.33	0.00	A	295.56	0.00	A	294.07	0.00		295.11	0.00	A	
18-Feb	298.11	0.00	A	297.33	0.00	A	295.56	0.00	A	294.07	0.00		295.11	0.00	A	
25-Feb	296.89	-1.22		297.33	0.00	A	295.56	0.00	A	296.83	2.76		295.11	0.00	A	
03-Mar	296.89	0.00	A	297.33	0.00	A	295.56	0.00	A	296.83	0.00		295.11	0.00	A	
10-Mar	296.89	0.00	A	297.33	0.00	A	295.56	0.00	A	296.83	0.00		295.11	0.00	A	
17-Mar	296.89	0.00	A	297.33	0.00	A	295.56	0.00	A	296.83	0.00		295.11	0.00	A	
24-Mar	296.89	0.00	A	297.33	0.00	A	295.56	0.00	A	294.72	-2.11		295.11	0.00	A	
31-Mar	296.89	0.00	A	296.45	-0.88		295.56	0.00	A	294.72	0.00		295.11	0.00	A	70
07-Apr	296.89	0.00	A	296.45	0.00	A	295.56	0.00	A	294.72	0.00		295.87	0.76	A	
14-Apr	296.89	0.00	A	296.45	0.00	A	295.56	0.00	A	294.72	0.00		295.87	0.00	A	
21-Apr	296.89	0.00	A	296.45	0.00	A	296.89	1.33		292.38	-2.34		295.87	0.00	A	
28-Apr	296.89	0.00	A	296.45	0.00	A	296.89	0.00	A	294.72	2.34		295.87	0.00	A	
05-May	296.89	0.00	A	296.45	0.00	A	296.89	0.00	A	294.72	0.00		295.87	0.00	A	
12-May	296.89	0.00	A	296.45	0.00	A	296.89	0.00	A	294.72	0.00		295.87	0.00	A	
19-May	296.89	0.00	A	294.67	-1.78		296.89	0.00	A	294.72	0.00		295.87	0.00	A	
26-May	295.99	-0.90		296.00	1.33		297.33	0.44		294.53	-0.19		295.87	0.00	A	
02-Jun	295.99	0.00	A	296.00	0.00	A	297.33	0.00	A	294.53	0.00		295.87	0.00	A	
09-Jun	295.99	0.00	A	296.00	0.00	A	297.33	0.00	A	294.53	0.00		295.87	0.00	A	
16-Jun	295.99	0.00	A	296.00	0.00	A	297.33	0.00	A	294.53	0.00		295.87	0.00	A	77
23-Jun	294.67	-1.32		296.00	0.00	A	297.33	0.00	A	294.53	0.00		297.78	1.91		
30-Jun	294.66	-0.01	A	296.00	0.00	A	297.33	0.00	A	294.53	0.00		297.78	0.00	A	
07-Jul	294.66	0.00	A	296.00	0.00	A	297.33	0.00	A	294.53	0.00		297.78	0.00	A	
14-Jul	294.66	0.00	A	296.00	0.00	A	297.33	0.00	A	294.53	0.00		297.78	0.00	A	
21-Jul	294.66	0.00	A	296.88	0.88		294.22	-3.11		294.81	0.28		297.78	0.00	A	
28-Jul	294.66	0.00	A	296.88	0.00	A	294.22	0.00	A	294.81	0.00		297.78	0.00	A	
04-Aug	294.66	0.00	A	296.88	0.00	A	294.22	0.00	A	294.81	0.00		297.78	0.00	A	
11-Aug	294.66	0.00	A	296.88	0.00	A	294.22	0.00	A	294.81	0.00		297.78	0.00	A	
18-Aug	294.66	0.00	A	296.88	0.00	A	294.22	0.00	A	294.81	0.00		297.78	0.00	A	63
25-Aug	294.66	0.00	A	296.88	0.00	A	294.22	0.00	A	294.56	-0.25		297.73	-0.05		
01-Sep	294.66	0.00	A	296.88	0.00	A	294.22	0.00	A	294.56	0.00		297.73	0.00	A	
08-Sep	296.89	2.23		296.88	0.00	A	294.22	0.00	A	294.56	0.00		297.73	0.00	A	
15-Sep	296.89	0.00	A	296.88	0.00	A	294.22	0.00	A	294.56	0.00		297.73	0.00	A	
22-Sep	296.89	0.00	A	296.89	0.01		294.22	0.00	A	294.56	0.00		297.73	0.00	A	
29-Sep	296.89	0.00		296.89	0.00	A	294.22	0.00	A	294.56	0.00		297.73	0.00	A	
06-Oct	296.89	0.00	A	296.89	0.00	A	294.22	0.00	A	294.56	0.00		297.73	0.00	A	
13-Oct	296.89	0.00	A	296.89	0.00	A	294.44	0.22		294.56	0.00		297.73	0.00	A	
20-Oct	296.89	0.00	A	296.89	0.00	A	294.44	0.00	A	294.56	0.00		297.73	0.00	A	63
27-Oct	297.78	0.89		296.89	0.00	A	294.44	0.00	A	295.44	0.88		296.19	-1.54		
03-Nov	297.78	0.00	A	296.89	0.00	A	294.44	0.00	A	295.44	0.00		296.19	0.00	A	
10-Nov	297.78	0.00	A	296.89	0.00	A	294.44	0.00	A	295.44	0.00		296.19	0.00	A	
17-Nov	297.78	0.00	A	296.89	0.00	A	294.44	0.00	A	295.44	0.00		296.19	0.00	A	
24-Nov	296.45	-1.33		295.56	-1.33		294.44	0.00	A	295.44	0.00		296.19	0.00	A	
01-Dec	296.45	0.00	A	295.56	0.00	A	294.44	0.00	A	296.39	0.95		296.19	0.00	A	
08-Dec	296.45	0.00	A	295.56	0.00	A	294.44	0.00	A	296.39	0.00		296.19	0.00	A	
15-Dec	296.45	0.00	A	295.56	0.00	A	294.44	0.00	A	296.39	0.00		296.19	0.00	A	
22-Dec	296.45	0.00	A	295.56	0.00	A	294.07	-0.37		296.39	0.00		296.19	0.00	A	
29-Dec	296.45	0.00	A	295.56	0.00	A	294.07	0.00	A	296.39	0.00		296.19	0.00	A	70+2=72

CLEAR SPRINGS FOODS INC.
BOX CANYON HATCHERY
WATER FLOWS IN C.F.S.
FOOT NOTE TABLE

A) ESITMATED READINGS.

B)

C)

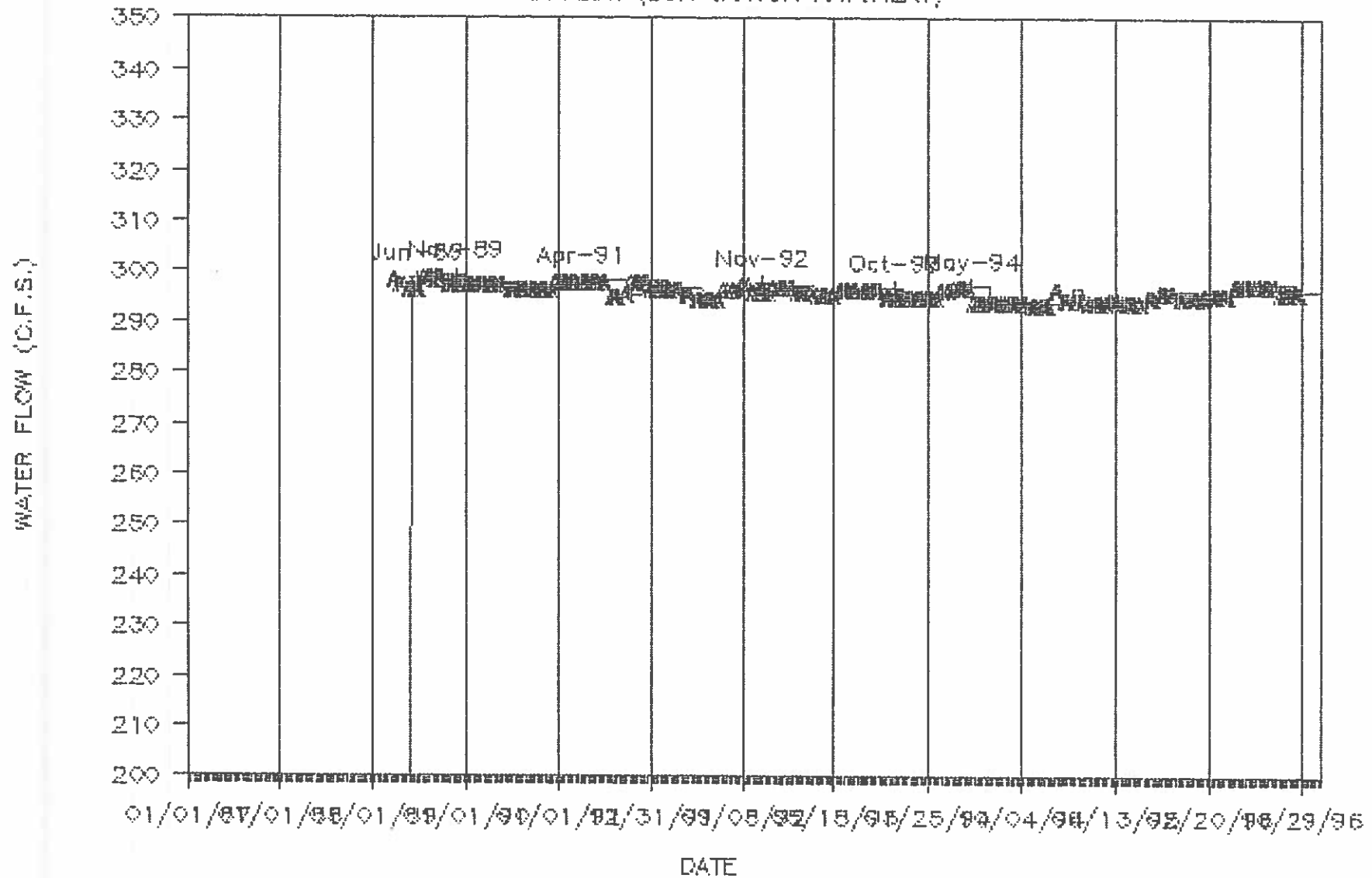
D)

E)

F)

CLEAR SPRINGS FOODS INC.

WATER FLOW (BOX CANYON HATCHERY)



Mr. Tim Luke
State of Idaho - Department of Water Resources
1303 North Orchard Street
State House Mail
Boise, Idaho. 83720-9000

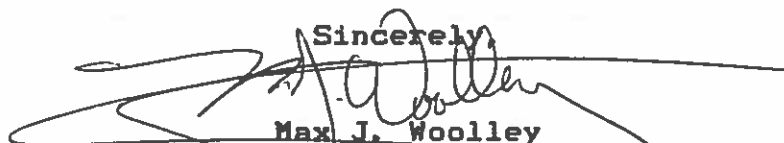
Dear Tim:

When you toured the Box Canyon facility with me in March 1995, I showed you our hydroelectric plant and explained how the kilowatt output readings were an excellent double check to our monthly water flow meter readings. Although the amount of power produced is reduced by debris in our influent waters, kilowatt output is essentially a direct result of water flow. Below are the records of average net kilowatts produced for the last year at Box Canyon.

Month of 1996	Average Net Kilowatts	Percent Difference from Yearly Average
January	425.01	0.14%
February	435.20	2.54%
March	419.35	-1.19%
April	421.26	-0.74%
May	424.58	0.04%
June	426.67	0.53%
July	421.19	-0.76%
August	427.46	0.72%
September	428.57	0.98%
October	408.88	-3.66%
November	430.24	1.38%
December	418.89	-1.30%
Average	423.94	-0.11%

While there were highs and lows due to debris, no monthly average varied more than 4% from the years overall average. The greatest difference occurred in October when dead leaves in our influent waters are always substantial.

Sincerely,


Max J. Woolley
Assistant Hatchery Manager
Box Canyon Farm

Box Canyon Farm
Hydroelectric Operations Kilowatts Produced

Month	Average Net KW per Month	% from Year Average
Jan-84	427.06	2.20%
Feb-84	417.82	0.04%
Mar-84	426.62	2.10%
Apr-84	430.26	2.93%
May-84	417.59	-0.02%
Jun-84	414.27	-0.82%
Jul-84	401.64	-3.99%
Aug-84	402.22	-3.84%
Sep-84	419.38	0.41%
Oct-84	417.45	-0.05%
Nov-84	417.73	0.02%
Dec-84	419.96	0.55%
=====		
Average	417.67	-0.04%

Month	Average Net KW per Month	% from Year Average
Jan-87	438.24	1.57%
Feb-87	439.51	1.85%
Mar-87	436.18	1.11%
Apr-87	426.64	-1.11%
May-87	433.80	0.56%
Jun-87	432.59	0.28%
Jul-87	431.79	0.10%
Aug-87	429.76	-0.37%
Sep-87	437.78	1.47%
Oct-87	409.38	-5.37%
Nov-87	419.76	-2.76%
Dec-87	440.87	2.16%
=====		
Average	431.36	-0.04%

Month	Average Net KW per Month	% from Year Average
Jan-90	424.54	0.69%
Feb-90	418.30	-0.79%
Mar-90	428.98	1.72%
Apr-90	421.15	-0.11%
May-90	423.05	0.34%
Jun-90	423.98	0.56%
Jul-90	423.70	0.49%
Aug-90	412.41	-2.23%
Sep-90	429.92	1.93%
Oct-90	406.07	-3.83%
Nov-90	420.17	-0.34%
Dec-90	427.08	1.28%
=====		
Average	421.61	-0.02%

Month	Average Net KW per Month	% from Year Average
Jan-93	435.76	3.17%
Feb-93	426.83	1.14%
Mar-93	425.99	0.95%
Apr-93	414.89	-1.70%
May-93	424.64	0.63%
Jun-93	417.41	-1.09%
Jul-93	414.61	-1.77%
Aug-93	417.30	-1.12%
Sep-93	429.72	1.81%
Oct-93	411.34	-2.58%
Nov-93	423.92	0.46%
Dec-93	421.14	-0.20%
=====		
Average	421.96	-0.03%

Month	Average Net KW per Month	% from Year Average
Jan-85	429.81	3.12%
Feb-85	429.80	3.12%
Mar-85	426.09	2.27%
Apr-85	417.29	0.21%
May-85	407.22	-2.25%
Jun-85	418.22	0.44%
Jul-85	410.54	-1.43%
Aug-85	399.34	-4.27%
Sep-85	415.30	-0.26%
Oct-85	417.23	0.20%
Nov-85	411.51	-1.19%
Dec-85	414.44	-0.47%
=====		
Average	416.40	-0.04%

Month	Average Net KW per Month	% from Year Average
Jan-88	447.11	0.22%
Feb-88	450.05	0.87%
Mar-88	449.71	0.79%
Apr-88	446.40	0.50%
May-88	445.70	-0.10%
Jun-88	451.25	1.13%
Jul-88	449.06	0.65%
Aug-88	441.98	-0.94%
Sep-88	440.60	-1.26%
Oct-88	433.60	-2.89%
Nov-88	454.42	1.82%
Dec-88	441.86	-0.97%
=====		
Average	446.15	-0.02%

Month	Average Net KW per Month	% from Year Average
Jan-91	429.09	1.31%
Feb-91	429.65	1.44%
Mar-91	427.00	0.83%
Apr-91	424.44	0.23%
May-91	423.42	-0.01%
Jun-91	424.51	0.25%
Jul-91	422.13	-0.31%
Aug-91	423.94	0.11%
Sep-91	419.47	-0.95%
Oct-91	413.05	-2.52%
Nov-91	415.84	-1.83%
Dec-91	428.97	1.28%
=====		
Average	423.46	-0.01%

Month	Average Net KW per Month	% from Year Average
Jan-94	442.08	3.85%
Feb-94	428.57	0.82%
Mar-94	429.03	0.93%
Apr-94	416.32	-2.10%
May-94	409.59	-3.77%
Jun-94	438.05	2.97%
Jul-94	426.09	0.25%
Aug-94	427.24	0.51%
Sep-94	411.83	-3.21%
Oct-94	413.81	-2.71%
Nov-94	424.81	-0.06%
Dec-94	433.11	1.86%
=====		
Average	425.04	-0.05%

Month	Average Net KW per Month	% from Year Average
Jan-86	422.38	-0.82%
Feb-86	423.20	-0.62%
Mar-86	421.77	-0.96%
Apr-86	426.58	0.17%
May-86	424.41	-0.34%
Jun-86	426.95	0.26%
Jul-86	436.38	2.42%
Aug-86	420.01	-1.39%
Sep-86	423.23	-0.62%
Oct-86	419.23	-1.58%
Nov-86	430.45	1.07%
Dec-86	435.48	2.21%
=====		
Average	425.84	-0.02%

Month	Average Net KW per Month	% from Year Average
Jan-89	450.29	4.01%
Feb-89	451.86	4.34%
Mar-89	452.15	4.40%
Apr-89	446.08	3.10%
May-89	426.36	-1.38%
Jun-89	424.88	-1.73%
Jul-89	424.65	-1.79%
Aug-89	417.53	-3.53%
Sep-89	414.50	-4.28%
Oct-89	417.13	-3.62%
Nov-89	419.76	-2.98%
Dec-89	441.80	2.16%
=====		
Average	432.25	-0.11%

Month	Average Net KW per Month	% from Year Average
Jan-92	429.41	1.50%
Feb-92	429.82	1.59%
Mar-92	430.99	1.86%
Apr-92	438.57	3.55%
May-92	410.24	-3.11%
Jun-92	417.82	-1.24%
Jul-92	417.35	-1.35%
Aug-92	419.44	-0.85%
Sep-92	429.01	1.40%
Oct-92	404.07	-4.68%
Nov-92	423.44	0.11%
Dec-92	425.67	0.63%
=====		
Average	422.99	-0.05%

Month	Average Net KW per Month	% from Year Average
Jan-95	426.31	1.01%
Feb-95	428.34	1.48%
Mar-95	424.37	0.56%
Apr-95	425.92	0.92%
May-95	417.67	-1.03%
Jun-95	420.79	-0.28%
Jul-95	426.38	1.03%
Aug-95	411.17	-2.63%
Sep-95	419.91	-0.50%
Oct-95	413.57	-2.04%
Nov-95	423.63	0.39%
Dec-95	425.81	0.90%
=====		
Average	421.99	-0.02%

RECEIVED

JAN 16 1996

Mr. Tim Luke
State of Idaho, Department of Water Resources
1303 North Orchard Street, State House Mail
Boise, Idaho. 83720-9000

Department of Water Resources

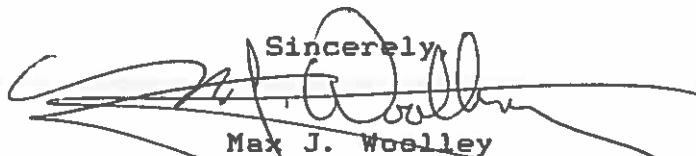
Dear Tim :

In reviewing the Department of Water Resources water measurement program for the Box Canyon farm, Clear Springs Foods, Inc. I found one area that appears incomplete. This is section II - "Certification for calibration of a meter installed prior to December 8th, 1994." The enclosed letter dated January 13th, 1995, from Duwayne Wilson to Terry Huddleston describes how Box Canyon receives its water and how the flow is measured. You will note that we use a Flow Research Corporation hot tap brass transducer, model TR500, to measure our water flow. A hot tap transducer is not permanently installed and I can find no mention of calibration needs for a hot tap transducer in the water measurement program.

I've reviewed our operation and instruction manual for the TR500 transducer and enclosed a photo copy of the page that deals with calibration. It states that all Flow Research flow meters are calibrated to exact customer flow rates and ranges and that re-calibration is only necessary when pipe diameters are changed. I also contacted Mr. Joel Nava, an engineer with Flow Research Corporation, to ensure this information was correct. He assured me that the only thing that could cause the TR500 transducer to go out of calibration was for the impeller to completely wear out. Were this to happen, the meter readings would be so far out of line that it would be obvious that something was wrong. Even if the impeller were to wear out, it would only need to be replaced and no re-calibration would be necessary. However, should DWR deem it necessary, Mr. Nava told me we could send our meter in for re-certification through their flow loop which is NIST traceable to $\pm 1/2\%$ for a cost of \$375⁰⁰.

When you toured the Box Canyon facility with me last March, I showed you our hydroelectric plant and explained how the kilowatt output readings for Idaho Power were an excellent double check to water flow meter readings. Although the amount of power produced is reduced by debris in our influent waters, kilowatt output is basically a result of water flow. I have enclosed records of average net kilowatts produced for the last twelve years at Box Canyon. While there are highs and lows due to debris, no monthly average has varied more than 6% from that years overall average and 95% of the time monthly averages vary less than 4%. For the last six years, individual year averages have varied less than 0.6% from the overall average kilowatts produced for the six year period. Let me know what needs to be done about calibrating our meter.

Sincerely,



Max J. Woolley
Assistant Hatchery Manager
Box Canyon Farm

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

JAN 16 1996

Department of Water Resources

Water Measurement Program FOR MEASURING DEVICE METHOD

1995 Reporting Form

ATTENTION: Water users --- Year end data must be submitted to Idaho Department of Water Resources 1301 N. Orchard Boise Idaho 83706, on or before January 15, 1996.

NOTE: A separate reporting form must be submitted for each diversion from a public water source.

This report form may be used for the following diversion:

Diversion Name or Facility: CLEAR SPS FOODS/BOX CANYON FARM
Water Source : BOX CANYON CREEK
Water Right(s) Owner or Contact: CLEAR SPRINGS FOODS
(owner name(s) may be omitted if there are multiple owners on same diversion)

410032

SECTION I Water Right Holder/Operator Information

Name and Address of Water Right Holder

Current Owner

Name Clear Springs Foods Inc.

Phone 208-543-8217

Address P.O. Box 712

Fax 208-543-4146

City Buhl

State & Zip Id. 83316

Original Owner (if sold within last year)

Name _____

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

Operator (if leased or operated by someone else) or Contact Person

Name Huddleston Terry R.

Phone 208-543-8217

Address P.O. Box 712

Fax 208-543-4146

City Buhl

State & Zip Id. 83316

SECTION II. Rate of flow and volume diverted

Meter multiplier X _____ (if any)

Units of measurement (Acre feet, gallons or other) CFS

Date (enter date of reading)	Totalizer reading	Acre feet since last reading	Cumulative acre feet	Flow rate cfs or gpm	Discharge pressure
Jan.					
Feb.					
March ()					
April ()					
May ()					
June ()					
July ()					
August ()					
Sept. ()					
Oct. ()					
Nov. ()					
Dec. ()					

Does totalizer reading above include meter multiplier? _____ Yes _____ No

Total Acre-feet _____

Comment:

see attached computer printout

Please describe in the space below any major modifications made to the piping system which would affect the accuracy of the flow measurements during 1995. Attach drawings, sketches, notes or design information if needed.

None

SECTION IV Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Terry Rudolph Farm Operations Mgr. 1/11/96
Signature Title Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of twenty dollars (\$20) per diversion made payable to the Idaho Department of Water Resources. (Section 42-701(6), Idaho Code)

For Department Use Only

Received by _____ Date _____ Time _____

Fee amount submitted _____ Correct? yes _____ no _____

Receipted by _____ Receipt No. _____

Data Entry by _____ Date _____

*CFs input in
SW36 data entry
from Comp. Rpt. from
Clear Springs
9/19/01*

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Water Measurement Program

WATER MEASURING DEVICE CERTIFICATION
1995 REPORTING FORM

Diversion Name or Facility: CLEAR SPS FOODS/BOX CANYON FARM

Water Source: BOX CANYON CREEK

Water Right(s) Owner: CLEAR SPRINGS FOODS

(owner name(s) may be omitted if there are multiple owners on same diversion)

Current Owner

Name Clear Springs Foods Inc Phone 208-543-8217
 Last First MI
 Address P.O. Box 712 City Buhl State Id Zip 83316

Operator (if leased or operated by someone else)

Name _____ Phone _____
 Last First MI
 Address _____ City _____ State _____ Zip _____

Water measurement device installation date _____

METER AND PIPING INFORMATION			
Manufacturer	<u>Flow Research Corp.</u>	Meter Multiplier	
Meter Type	<u>Hot Tap Transducer</u>		
Model Number	<u>TR 500</u>	Pipe information	
Serial Number	<u>501165</u>	Pipe material	<u>steel</u>
Size (nominal)		Outside Diameter	<u>47.125"</u>
Measure Flow Rate ?	(circle one) <u>Yes</u> No	Wall Thickness	<u>0.5"</u>
Measurement Units	(circle one) CFS <u>GPM</u>	Inside Diameter	<u>46.125"</u>
Measure Cumulative Volume ?	(circle one) Yes <u>No</u>	Dist. of straight pipe upstream from meter	<u>≈ 250'</u>
Volume Units	Acre-Feet Yes No Other(specify) _____	Dist. of Straight pipe downstrm from meter	<u>≈ 70'</u>

SECTION I. CERTIFICATION FOR A NEW METER INSTALLED AFTER December 8, 1994

I certify that the measuring device shown above was installed in accordance with the manufacturer's standards and installation specifications to achieve the accuracy of $\pm 10\%$ required by the Department of Water Resources' water measurement program.

Signature Terry [Signature] Date 1/11/96
 (party responsible for installation)

**SECTION II. CERTIFICATION FOR CALIBRATION OF A METER installed prior to
December 8 1994**

NOTE: The permanently installed flow meters must be calibrated at least once every four years or whenever major repairs or maintenance has been performed. All documentation to support data such as notes, printout tapes, etc., should be attached to this form for submittal.

Date of calibration 1/18/89 by manufacturer

Measurement No. 1 (M_1) is the measured rate of flow from the permanently installed flow meter.

Measurement No. 2 (M_2) is the measured rate of flow from the measuring device being used to check the flow for the calibration. This method or device must be accurate to within $\pm 5\%$ error. Describe below the method and equipment used to perform this measurement.

Measurement No. 1 (M_1) _____ GPM or CFS (circle one)

Measurement No. 2 (M_2) _____ GPM or CFS (circle one)

Percent Difference = $(M_1 - M_2) \div M_2 \times 100 = \pm \%$

Percent Difference = $[(\text{_____} (M_1) - \text{_____} (M_2)) \div \text{_____} (M_2) \times 100 = \text{_____} \%$
(If error is greater than $\pm 10\%$ see instructions for this form)

Comments: The TR 500 is a hot tap transducer
and not permanently installed.
see attached diagrams and cover letter

I certify that the above information is true and correct to the best of my knowledge and ability and the measurements taken and recorded are in accordance with the standards and specifications of the equipment used.

Signature _____ Date _____
(person performing measurements)

For Department Use Only

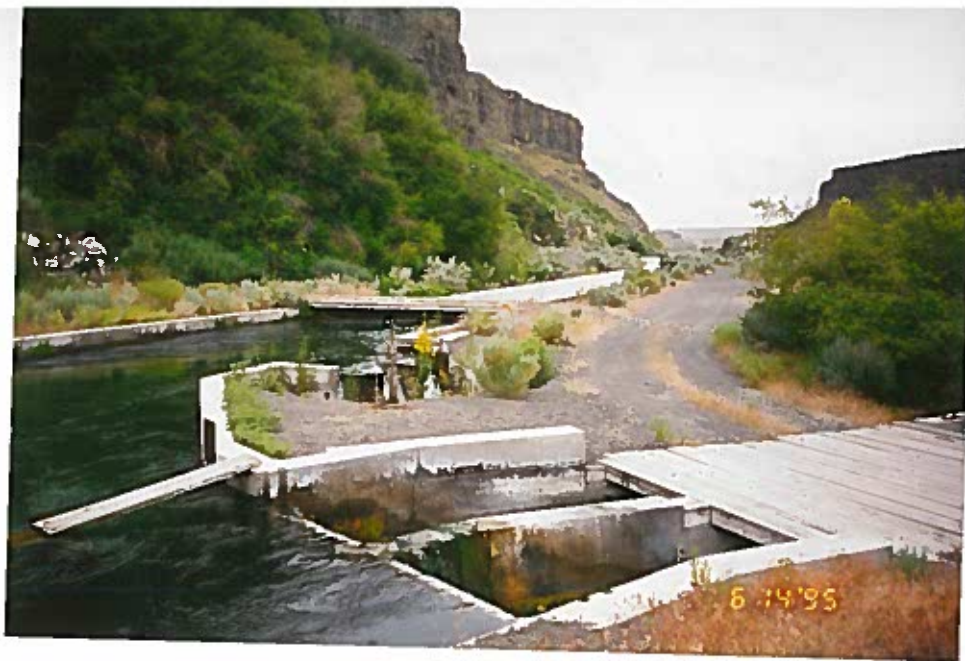
Received by _____ Date _____

Reviewed by _____ Date _____

Data Entry by _____ Date _____

CALCULATIONS FOR BASIN 36 SW OPEN
 CHANNEL DIVERSION LOG SHEETS
 IDWR CALCULATIONS FOR ANNUAL/SEASONAL VOLUME
 CLEAR SPRINGS FOODS - BOX CANYON FARM
 1/1 - 12/31, 1995

	CFS	AF CON	DAYS	AF
1/1	294	1.9835	49	28574.30
	296.8		28	16483.68
	294.7		28	16367.05
	292.4		7	4059.83
	294.7		28	16367.05
	294.5		56	32711.88
	294.8		35	20465.75
	294.6		63	36813.36
	295.4		35	20507.41
	296.4		35	20576.83
			364	212927.1



Clear Springs Foods

Box Canyon Diversion
& Canal.

Clear Springs Foods

- Box Canyon Facility

View of main Holes

to main pipe Divs

& points of portable

Hot TAP pipe runs.

Box Canyon Lake / Springs

Collection / DN Facility

to Clear Springs Foods Hottelway

TO: Terry Huddleston
FROM: Duwayne Wilson
DATE: January 13th, 1995
SUBJECT: Water Supply for the Box Canyon Farm

The water that supplies the Box Canyon Farm, Clear Springs Foods Inc., is piped across the Snake River from Box Canyon Springs. Spring water flows are diverted into a covered, steel lined, concrete canal that is 1800 feet long. A concrete transition box at the end of the canal feeds three 46" diameter penstocks that deliver the water to the farm. These pipes are buried on each side of the river and lay on the river bottom as they cross.

Fifty feet from the river bank on the farm side, a 12" pipe comes off the #2 penstock for a truck filling station and part of the hatch house water supply. This pipe carries between one and two cubic feet per second (CFS) year round. Flow readings for the remaining water are measured 285 feet farther up the penstocks toward the hydroelectric plant.

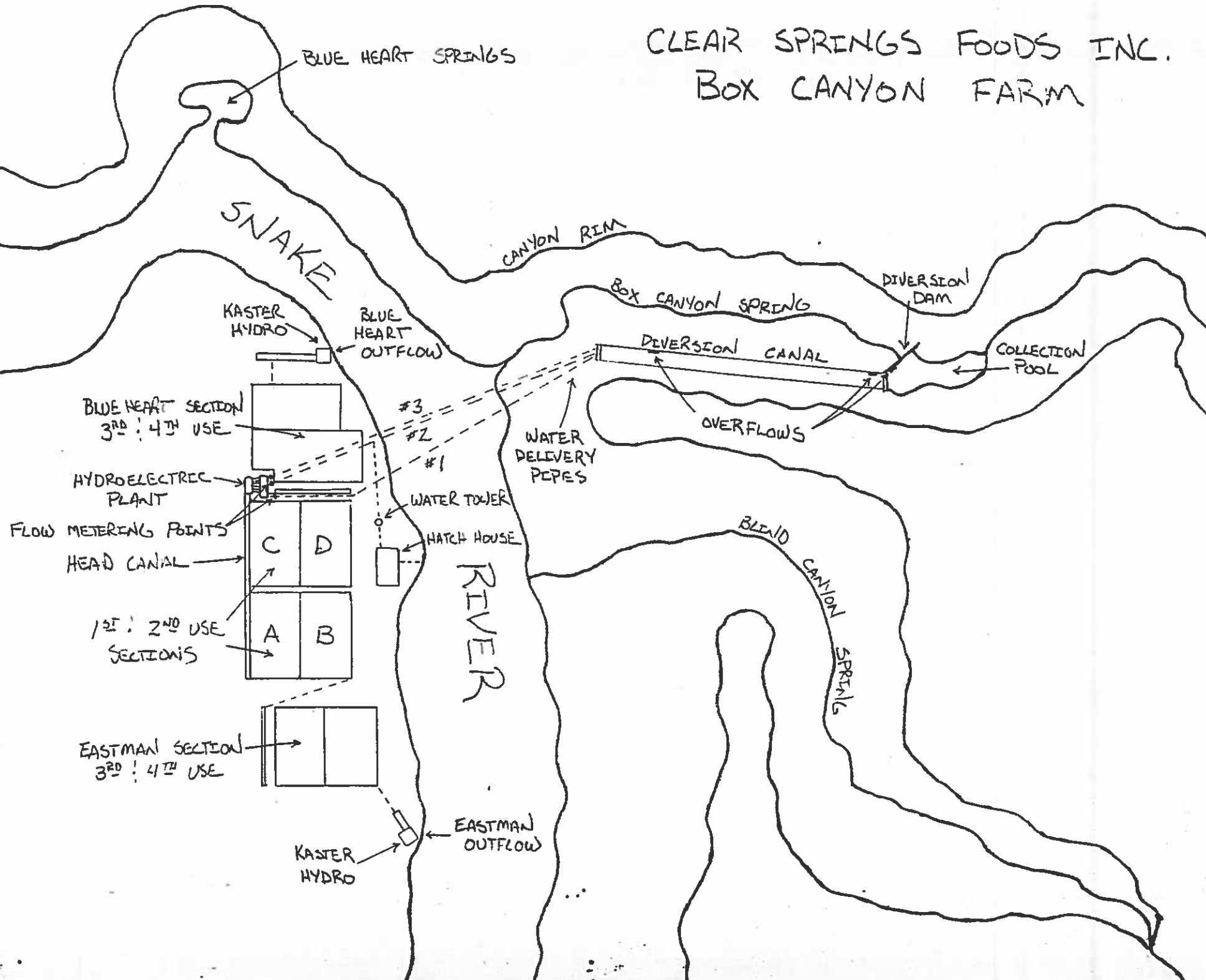
A Flow Research Corporation hot tap brass transducer (TR500) with a flow gage is used to measure water flow in the penstocks. The transducer is inserted into each pipe to a depth of 5 1/2" to obtain flow readings. The TR500 instrument measures water flow with an accuracy of +/- 2%.

From the flow metering points, the water is delivered from the three penstocks to a co-generation hydroelectric plant. The plant is owned by Clear Springs Foods Inc. who sells the electricity to Idaho Power Company. Daily kilowatt output, and monthly meter readings for billing to Idaho Power, serve as a constant double check against water meter readings.

Water exits the turbines and flows into an open concrete canal that feeds 50 concrete aquaculture raceways. Farm policy is to monitor daily kilowatt output, monthly power meter readings, and to take monthly water flow measurements on each penstock with the TR500 flow meter. These measurement records are maintained in the farm manager's office.

The attached diagram shows the flow from the diversion point in Box Canyon to the outflow points from the farm into the Snake River. Weekly weir measurements from each overflow point on the canal in Box Canyon are maintained in the Clear Lake Farm manager's office.

CLEAR SPRINGS FOODS INC. BOX CANYON FARM



III. CALIBRATION PROCEDURE

3.1 mA Board

All FLOW RESEARCH CORPORATION flow transmitters are calibrated to exact customer specified flow rates and ranges. This is done using precise frequency generating and counting equipment to assure the lowest possible margin of error.

If re-calibration should be required in the field, please contact FLOW RESEARCH CORPORATION and request our Technical Bulletin. Re-calibration is only necessary when changing pipe diameters.

The FLOW RESEARCH CORPORATION rotary impeller transducer, like all turbine sensors, has a slight non-linearity in the form of an offset. To compensate for this non-linearity, the offset is set slightly higher than 4 mA according to pipe size, and then the SPAN setting is made with a signal of the proper frequency.

Again, should this adjustment be required in the field, please consult the factory at (713) 623-2143, and request the FL1000 calibration instructions.

3.2 Totalizer Board

Again, this board has been pre-calibrated at the factory. If a change need be made, please use the information in the following chart according to pipe size.

Reference: See Chart next Page

12. Loosen the 2 set screws on either side of the positioning collar and rotate the transducer sleeve until the sighting hole (1/16" hole) faces the upstream side of the pipe. This can be accomplished by placing a rod through the alignment holes and rotating the sleeve. Set this position carefully.
13. Tighten the two screws.
14. Attach transducer leads to the terminal strip in the meter enclosure as follows: [FL1000, FL2000 and FT3000].

CABLE

TERMINING STRIP

White

SIG

Black

COM

Signal

SHLD

15. Power Up! You are ready to begin measuring flow.

SCANNED
MAR 22 2016



HOT TAP TRANSDUCER INSTALLATION TR500

Please read instructions completely prior to installation. NEVER ATTEMPT THIS procedure without proper safety equipment.

1. Install a service saddle or 2" welded NPT fitting to the pipe following manufacturer's specifications.
2. Install a 2" isolation valve (threaded ends) by utilizing a 2" pipe nipple not exceeding 3-1/2" long. (A gate valve is recommended).
3. Using a metal tape, measure from the top of the pipe to the upper most surface of the gate valve and record this dimension as (Vp).
4. Install a Hot Tap hole saw onto the valve. Open the valve and cut a 2" hole. Be sure to carefully follow manufacturer's instructions.
5. Withdraw the hole saw so that it just clears valve gate and close the valve. Save the cut piece of pipe. Record the wall thickness as (Wt).
6. Remove the Hot Tap saw carefully releasing trapped pressure as you withdraw it.
7. Wrap the transducer threads with teflon tape.
- 7A. Insert the transducer into the valve.
8. Measure the distance from the top of the valve to the top of the hex adapter of the transducer and record as (Vh).
9. Determine proper insertion depth from the calibration sheet supplied with your meter.
10. Calculate "L" by the following formula: ["L" should equal approx. 5-1/2" for 4" dia. and larger.]
$$L = 15 - 3/8 - [Vp + Vh + Wt + D]$$
11. Install the hot tap insertion tool at the bottom of the hex adapter and tighten the screw head drive to the top of the transducer positioning collar.
- 11A. Open valve and begin inserting the transducer by turning the hot tap insertion tool hand crank. (Move the level adjusting nuts as required). Set to dimension "L".
- 11B. Use of insertion tool is optional on low pressure applications. We recommend the tool at pressures exceeding 60 psi.
- 11C. Remove the insertion tool and tighten the (3) captive nuts.

Note: Measure these dimensions carefully.

2.2 Transducer Installation - Cont'd

The Model TR400 transducer can be installed in any pipe two inches (2") or larger. For proper operation, the following requirements must be met:

1. **Location** - The transducer must be located at least ten (10) pipe diameters (up or downstream) from pumps, valves, elbows, etc.)
 - There should be no deformation or obstruction of the pipe at, or near the transducer. For example, the inside surface of the pipe around the transducer clearance should be clean and free of any lip or ridge.
 - The pipe in which the transducer is placed should always be full when measurements are being taken.
2. **Mounting** - The transducer should be aligned with the impeller parallel to the liquid flow and facing the proper direction.
 - The insertion depth (defined later this section) must be precisely and correctly set. Correct insertion depths for all size pipes are supplied with each meter provided.

Following is a description of the installation procedure for the Model TR400 transducer.

1. Service Saddle or Welded Fitting Transducer Adjustment

Install the service saddle or welded fitting according to the manufacturer's instructions over a 2" hole in the pipe. Remove the transducer and positioning collar from the hex adapter after removing the three captive nuts.

Dope the hex adapter threads with teflon tape and screw into the service saddle until seated. Measure and record the distance (D1) from the nearest point of the pipe inner surface to the top of the hex adapter.

SCANNED
MAR 22 2016

CALIBRATION DATA - F.R.C. 151812

Flow Range: 0-75,000 GPM

Pipe Size: 46.125"
(X) Given
() Assumed

Minimum-Measureable Quantity:

5,208 GPM

Reynolds Number @ Minimum Velocity:

356,819

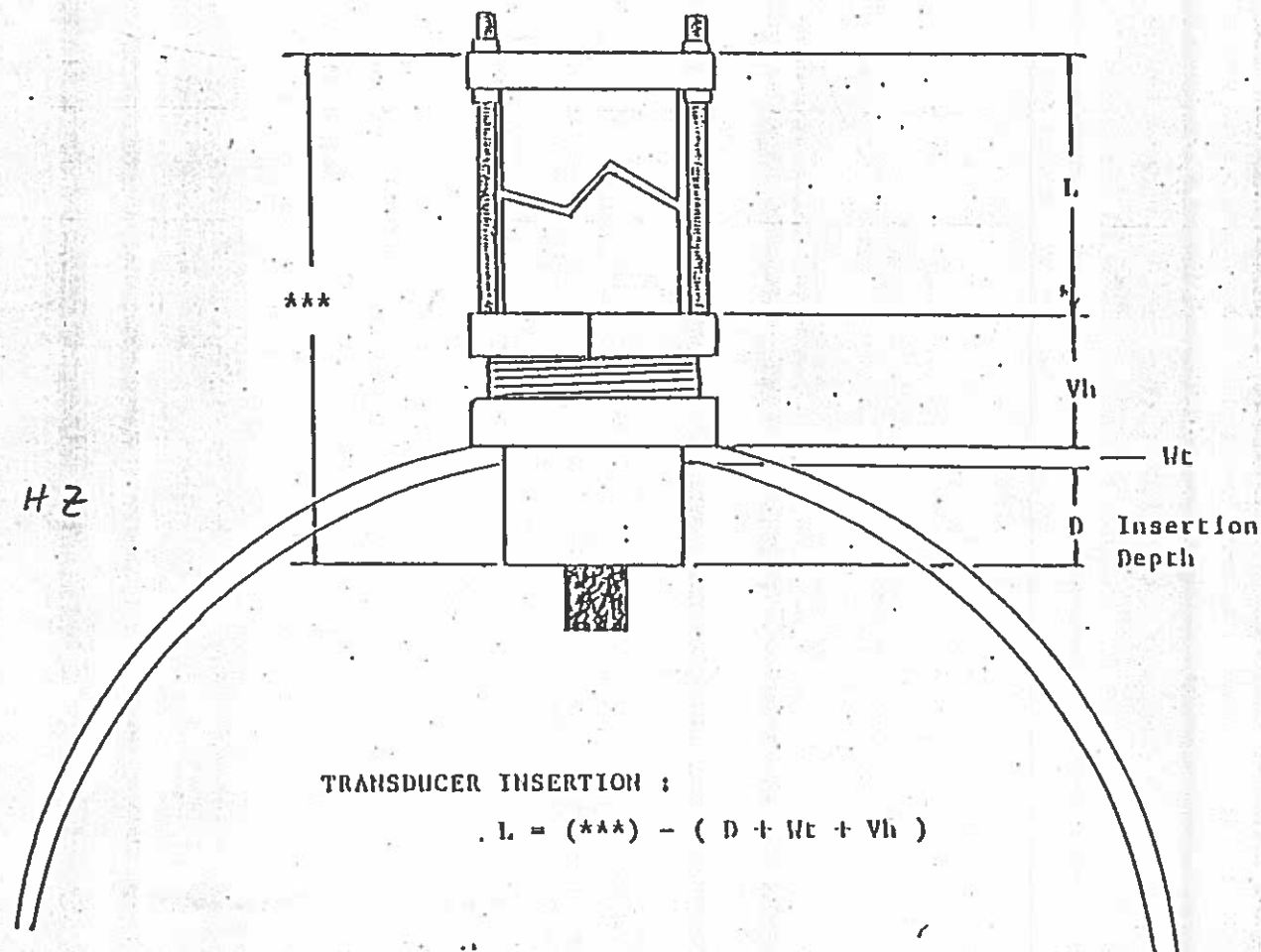
Proper Insertion Depth: 5 1/2"

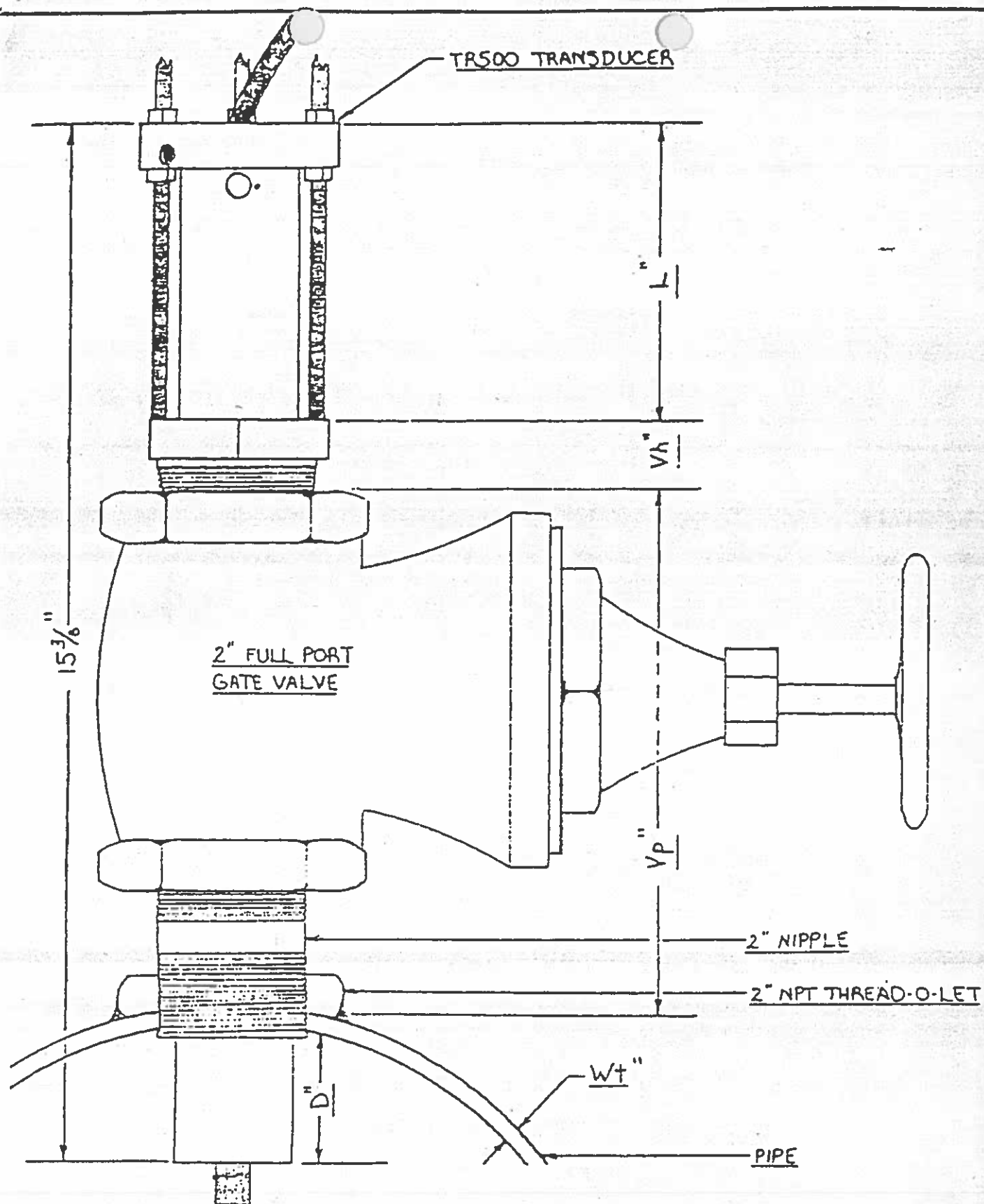
Calibration Frequency: 79.49 HZ

Switch Settings @ Rx = _____

S1 _____ S2 _____ S3 _____
S4 _____ S5 _____ S6 _____

*** - TR400 Series = 6-3/8"
TR500 Series = 15-3/8"





TITLE TR500 INSERTION DEPTH (WITH ISOLATION VALVE)	SIZE A	DWG NO TR500 ID/ VALVE		
	SCALE 1/2" = 1"	REV N/A	SHEET 1	OF 1

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Water Measurement Program

GPS FIELD DATA FORM FOR SURFACE WATER DIVERSIONS
IDWR STAFF FORM 1995

Diversion Name/Facility: CLEAR SPS FOODS/BOX CANYON FARM
Water Source: BOX CANYON CREEK
Water Rt. Owner/Contact: CLEAR SPRINGS FOODS

Current Owner

Name _____ Phone _____
Last, First, MI

Operator (if leased or operated by someone else)

Name _____ Phone _____
Last, First, MI

GPS Site Identification

^{8 56 AM} **Date:** 6-15-95 **GPS File Name/Number:** R061514A

Uncorrected: Longitude N 42° 42' 25.61 **Latitude** W 114° 48' 58.31"

^{photo} **Corrected: Longitude** _____ **Latitude** _____

PLS/USGS Locator: _____ **Site Tag Id. No.** A0001565

GPS Location Description & Offset: A+ intake to CANAL along Rim wall

& @ terminus of LAKE. NO offset

Site Tag Location Description: ON WOOD BRIDGE CROSSING CANAL intake

**CLEAR SPRINGS FOODS INC.
BOX CANYON WATER OVERFLOWS (in the canyon)
WATER MEASURING POLICY**

=====

It is the policy to measure and record the water being spilled from the overflows in Box Canyon, Monday of each week. These readings are recorded in the water measurement book in the Clear Springs Foods Inc. (CSF) Clear Lake Farm manager's office.

Water for CSF Box Canyon Farm is diverted from Box Canyon Springs by a rock and earthen dam into a diversion pool and a steel lined canal 1476 feet long. Then the water flows through three (3) 4 ft. pipes under the Snake River to the Box Canyon Farm and Hydro Project. Built into the diversion pool and canal are six (6) overflows for regulating the flows at a nearly constant level. The overflows also serve as flow safeguards and as water measurement weirs for the by-pass portion of the flow. These overflows consist of the following :

- 1.) 1- 67" overflow (dam boards)
- 2.) 1- 48" overflow (dam boards)
- 3.) 3- 46" overflows (dam boards)
- 4.) 1- 24' long safety overflow - discharging through a 24" knife edged fixed weir.

The flow going down the canal is regulated with 2" x 4" dam boards in the 67" and 48" overflows. The measurement through the 24" knife edged fixed weir reads within plus or minus 5 percent. A 1.18 correction factor on the flows over the dam boards is used to provide accuracy within plus or minus 5 percent (Dr. Brockway P.E.).

*we also record over flow from the
transport canal (not used by Clear Springs Foods Inc)
These records are available for this spill water
that re-enters Box Canyon Springs.*

**CLEAR SPRINGS FOODS INC.
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January 5, 2011

Cindy Yenter
State of Idaho – Department of Water Resources
1341 Fillmore Street
Suite 200
Twin Falls Idaho. 83301-3380

Dear Cindy:

In March 1995, Tim Luke toured our facility with Max Woolley (Hatchery Manager), when he was shown the hydroelectric plant and it was explained how the kilowatt output readings were an excellent double check to our monthly water flow meter readings. Although the amount of power produced is reduced by debris in our influent waters, kilowatt output is essentially a direct result of water flow. As in previous years, I have included the records of the average kilowatts produced for the year in addition to the water flows in cfs.

Month of 2010	Average Gross Kilowatts	Percent Difference From Yearly Average
January	386.54	-2.46
February	383.33	-3.31
March	406.49	+2.57
April	410.00	+3.41
May	410.53	+3.53
June	400.28	+1.06
July	387.36	-2.24
August	347.43	-13.99
September	392.52	-0.89
October	405.38	+2.31
November	405.33	+2.29
December	417.20	+5.07
Average	396.03	-0.22

The month of August 2010 is not included in the calculation of the yearly average gross kilowatts production due to the fact that the hydroelectric plant was off line for repairs between the dates of 8/21/10 and 8/27/10.

Sincerely,
Tom Scott – Farm Manager

Box Canyon Farm
Hydroelectric Operations Kilowatts Produced

Month	Average KW per Month	% from Year Average
Jan-00	427.96	1.36%
Feb-00	422.99	0.21%
Mar-00	426.88	1.11%
Apr-00	425.56	0.81%
May-00	421.51	-0.14%
Jun-00	421.11	-0.24%
Jul-00	423.66	0.36%
Aug-00	421.51	-0.14%
Sep-00	417.78	-1.04%
Oct-00	411.83	-2.50%
Nov-00	417.78	-1.04%
Dec-00	426.88	1.11%
Average	422.12	-0.01%

Month	Average KW per Month	% from Year Average
Jan-01	422.58	0.68%
Feb-01	425.00	1.23%
Mar-01	422.58	0.68%
Apr-01	424.44	1.10%
May-01	407.53	-3.01%
Jun-01	415.56	-1.02%
Jul-01	418.28	-0.36%
Aug-01	419.35	-0.10%
Sep-01	426.67	1.61%
Oct-01	410.75	-2.20%
Nov-01	416.67	-0.75%
Dec-01	427.96	1.91%
Average	419.78	-0.02%

Month	Average KW per Month	% from Year Average
Jan-02	429.03	1.79%
Feb-02	426.19	1.13%
Mar-02	430.11	2.03%
Apr-02	421.11	-0.06%
May-02	417.20	-1.00%
Jun-02	416.67	-1.13%
Jul-02	421.51	0.03%
Aug-02	425.81	1.04%
Sep-02	410.00	-2.77%
Oct-02	410.75	-2.58%
Nov-02	422.22	0.20%
Dec-02	425.81	1.04%
Average	421.37	-0.02%

Month	Average KW per Month	% from Year Average
Jan-03	427.96	1.90%
Feb-03	428.57	2.03%
Mar-03	421.51	0.39%
Apr-03	420.00	0.04%
May-03	421.51	0.39%
Jun-03	415.56	-1.03%
Jul-03	415.05	-1.16%
Aug-03	418.28	-0.38%
Sep-03	415.56	-1.03%
Oct-03	412.90	-1.88%
Nov-03	413.33	-1.58%
Dec-03	427.96	1.90%
Average	419.85	-0.02%

Month	Average KW per Month	% from Year Average
Jan-04	426.88	2.47%
Feb-04	422.99	1.57%
Mar-04	421.51	1.23%
Apr-04	414.44	-0.46%
May-04	401.08	-3.80%
Jun-04	414.44	-0.46%
Jul-04	417.20	0.21%
Aug-04	416.13	-0.05%
Sep-04	417.78	0.35%
Oct-04	406.45	-2.43%
Nov-04	416.67	0.08%
Dec-04	420.43	0.97%
Average	416.33	-0.03%

Month	Average KW per Month	% from Year Average
Jan-05	422.58	2.89%
Feb-05	420.24	2.35%
Mar-05	416.13	1.39%
Apr-05	410.00	-0.09%
May-05	411.83	0.36%
Jun-05	402.22	-2.02%
Jul-05	403.23	-1.77%
Aug-05	408.60	-0.43%
Sep-05	403.33	-1.74%
Oct-05	400.00	-2.59%
Nov-05	407.78	-0.63%
Dec-05	418.28	1.90%
Average	410.35	-0.03%

Month	Average KW per Month	% from Year Average
Jan-06	418.28	2.37%
Feb-06	417.86	2.27%
Mar-06	408.60	0.06%
Apr-06	417.78	2.25%
May-06	409.68	0.32%
Jun-06	394.44	-3.53%
Jul-06	402.15	-1.54%
Aug-06	412.90	1.10%
Sep-06	405.56	-0.69%
Oct-06	395.70	-3.20%
Nov-06	405.56	-0.69%
Dec-06	411.83	0.84%
Average	408.36	-0.04%

Month	Average KW per Month	% from Year Average
Jan-07	410.78	1.30%
Feb-07	412.36	1.67%
Mar-07	414.54	2.19%
Apr-07	411.29	1.42%
May-07	406.62	0.29%
Jun-07	406.72	0.31%
Jul-07	405.42	-0.01%
Aug-07	406.45	0.24%
Sep-07	404.60	-0.21%
Oct-07	388.17	-4.45%
Nov-07	392.06	-3.42%
Dec-07	406.45	0.24%
Average	405.46	-0.04%

Month	Average KW per Month	% from Year Average
Jan-08	407.98	0.64%
Feb-08	408.78	0.83%
Mar-08	411.72	1.54%
Apr-08	408.91	0.87%
May-08	402.32	-0.76%
Jun-08	400.00	-1.34%
Jul-08	402.16	-0.80%
Aug-08	406.06	0.17%
Sep-08	409.60	1.03%
Oct-08	395.66	-2.45%
Nov-08	405.01	-0.09%
Dec-08	406.21	0.21%
Average	405.37	-0.01%

Month	Average KW per Month	% from Year Average
Jan-09	406.06	-0.42%
Feb-09	407.14	-0.16%
Mar-09	416.59	2.16%
Apr-09	398.89	-2.18%
May-09	406.50	-0.31%
Jun-09	405.62	-0.53%
Jul-09	406.49	-0.32%
Aug-09	407.53	-0.06%
Sep-09	404.46	-0.82%
Oct-09	60.22	-85.23%
Nov-09	318.89	-21.80%
Dec-09	418.58	2.64%
Average	407.78	0.10%

October and November 2009 are not included in the calculation of the 2009 average because the the hydro electric plant was off line from 10/5/09 through 11/7/09.

August 2010 is not included in the calculation of the 2010 average because the the hydro electric plant was off line from 8/21/10 through 8/27/10.

Month	Average KW per Month	% from Year Average
Jan-10	386.54	-2.46%
Feb-10	383.33	-3.31%
Mar-10	406.49	2.57%
Apr-10	410.00	3.41%
May-10	410.53	3.53%
Jun-10	400.28	1.06%
Jul-10	387.36	-2.24%
Aug-10	347.43	-13.99%
Sep-10	392.52	-0.89%
Oct-10	405.38	2.31%
Nov-10	405.33	2.29%
Dec-10	417.20	5.07%
Average	396.03	-0.22%

Yenter, Cindy

From: David M Evetts [devetts@usgs.gov]
Sent: Tuesday, July 20, 2010 2:16 PM
To: Dave Tuthill
Cc: Wylie, Allan; 'Charles E. Brockway'; 'Charles G. Brockway'; 'Brendecke, Chuck'; Yenter, Cindy; clive.strong@ag.idaho.gov; dblew@idahopower.com; 'Jon Bowling'; 'John Simpson'; larryc@clearsprings.com; 'Molly Wood'; randy@clearsprings.com; 'Randy Budge'; 'Roger Fuhrman'; Rigby, Richard; Vincent, Sean; Luke, Tim
Subject: response to Idaho Power report on Box Canyon
Attachments: ATT206434.gif

Sorry if you didn't get this initially.

The USGS is essentially in agreement with your conclusions. Let me give you a brief synopsis of the measurements made by the USGS since Oct 1 of the 2010WY and subsequent provisional computation of discharge for station 13095500 Box Canyon Spring nr Wendell, ID

In the presence of IDWR, Chuck Brockway and Clear Springs Hatchery, a series of mmts were made on May 18; two measurements were made upstream of the diversion, one with an RDI Streampro and one with an RDI rio grande ADCP.

The calculated discharge for both measurements was 317 and 318 cfs (both measurements rated fair) which agree nicely with your measurements included in your report and likely made at the same location. One additional measurement was made at the upstream end of the pool located upstream of the flume entrance. Initial measured discharge for this measurement was 332 cfs using a StreamPro and the moving boat method. After review, described below, the discharge was recomputed to 321 cfs.

On May 18, two additional mmts were made at the cableway located approximately 400 ft. below the present gaging site at a gage height of 1.12ft; initially the measurements, one a RDI streampro mmt using the moving boat method and the other a RDI streampro measurement using the section by section method, were 347cfs (fair) and 318 cfs (poor) respectively, with an approximate 8% difference in discharge between the two measurements. At that time the streampro measurement was thought to be the more accurate of the two measurements and that, when combined with previous mmts, a possible rating change was in order. A provisional rating was created based on the Streampro mmts made at this gage during the 2010 WY and was put in place on Oct 1 2009 at the start of the 2010WY bringing computed discharge within allowable percentage of measured discharge for the 2010WY.

All measurements were submitted Molly Wood, Surface Water Specialist for the Idaho Water Science Center, on Jun 04 for review from which it was determined different extrapolation methods were more appropriate for the Streampro measurement at the cableway and StreamPro measurement above the pool. With the use of the constant/no slip extrapolation method for estimating the top discharge, discharge for the Streampro ADCP mmt at the cableway was computed at 335 cfs, a difference of 3.5% from the previously computed discharge and 2.5% different from your (Idaho Power) Streampro measurement on June 17 .

The initial measured discharge (pre-review), seemed to support a trend in difference between rated discharge and measured discharge. Rating 6.0, which was provisional and subject to review, was started on Oct 1, 2009 at the beginning of the 2010WY, to adjust the rated discharge to compensate for this apparent trend, replacing the previous rating (5.2). After review of the measurements and subsequent re-computation of the 2010WY measurements, it seemed likely that the trend was caused by changes in the control at the gage, which is fairly stable, and more likely due to extrapolation method used during the initial computation of the measurement. Rating 5.2 was put back into effect and the provisional rating was removed. Computed discharge was calculated directly from the ratings and no shifting was used. As of July 7, rating 5.2 is still in use with no shift applied.

After re-computation, measured discharges and corresponding computed discharges for the times measured are as follows.

Date	Device	at USGS Cableway			method	USGS	% difference
		Q(cfs)	COV	Rated		Computed discharge Rating 5.2	
5/18/2010	StreamPro (USGS)	335	0.04	Fair	moving boat	321	4.2
	StreamPro (USGS)	318	NA	Fair	SXS	321	-0.9
6/9/2010	StreamPro (Idaho Power)	315	0.07	Fair	moving boat	325	-3.2
6/17/2010	SonTek S5 (Idaho Power)	313	0.04	Good	moving boat	323	-3.2
6/17/2010	StreamPro (Idaho Power)	327	0.07	Fair	moving boat	323	1.2

When these discharges are compared with computed discharge from rating 5.2, USGS StreamPro moving boat measurement was 4% greater and the Idaho Power StreamPro mmt on 6/17 was 1.2% greater, while the USGS StreamPro mmt using the SXS method was -1% from the rating. Idaho Powers S5 mmt was -3.1% from the rating.

Conclusion:

All measurements made at the gage, using the various measurement methods described above were within 5% of the computed discharge using rating 5.2 and within 5% of each other. Acceptable percent difference for a good rated measurement based on USGS SW discharge measurement and check measurement policy, since these (USGS) is <=5%. These measurements were rated as fair.. After conferring with Molly we feel the StreamPro measurement using SXS method is a more accurate representation of the true discharge at this site and will be adopted as the standard measurement practice of future measurements at this gage.

Note on the web published discharges. Although we are very diligent about maintaining as accurate as possible computation of discharge on our website, computed discharge is provisional and subject to revision which has occurred in this instance. Until the record has been computed, reviewed, and approved, this data is always subject to revision as is clearly stated on the web page.

David M. Evetts
Assistant Director for Hydrologic Data
U.S. Geological Survey-WRD
IDWSC - 230 Collins Rd, Boise, ID
office-(208)387-1316
cell- (208)761-9647
fax- (208)387-1372

Current meter measurement										
Site:	Box Canyon									
Date:	5/18/2010									
Time	12:00 PM									
Staff gage readings:										
Instrument reading										
Personal:	Sean Vincent, Jana Reeder, Corbin Knowles, Chuck Brockway Sr.									
Current Meter type:	Swoffer									
Discharge=		309.05 cfs								
Channel Width =		12.00 ft								
Average Velocity =		4.37 fps								
Total Channel Area =		71.70 ft ²								
	Distance (feet)	Depth of water (feet)	Velocity @ 0.2 (ft/sec)	Velocity @ 0.8 (ft/sec)	Mean Velocity in Vertical (ft/sec)	Width (ft)	Area (ft)	Discharge (cfs)	% of Total Flow (should be < 10%)	Notes
0.65	3.00	5.95	4.04	3.81	2.55	0.4	1.49	7.59	2%	Corrected for Verticle walls
	3.4	5.95	4.04	3.81	3.92	0.6	2.98	11.67	4%	
	4	5.95	4.33	4.25	4.29	0.5	3.27	14.03	5%	
	4.5	5.95	4.40	4.51	4.46	0.5	2.98	13.25	4%	
	5	5.95	4.58	4.79	4.68	0.5	2.98	13.93	5%	
	5.5	5.95	4.46	4.77	4.61	0.5	2.98	13.72	4%	
	6	5.95	4.53	4.78	4.66	0.5	2.98	13.85	4%	
	6.5	5.95	4.44	4.82	4.63	0.5	2.98	13.77	4%	
	7	5.95	4.46	4.77	4.61	0.5	2.98	13.72	4%	
	7.5	5.95	4.49	4.79	4.64	0.5	2.98	13.80	4%	
	8	5.95	4.22	4.64	4.43	0.5	2.98	13.17	4%	
	8.5	5.95	4.49	4.86	4.67	0.5	2.98	13.90	4%	
	9	5.95	4.52	4.78	4.65	0.5	2.98	13.83	4%	
	9.5	5.95	4.51	4.81	4.66	0.5	2.98	13.86	4%	
	10	5.95	4.46	4.74	4.60	0.5	2.98	13.68	4%	
	10.5	5.95	4.36	4.77	4.56	0.5	2.98	13.57	4%	
	11	5.95	4.35	4.76	4.55	0.5	2.98	13.54	4%	
	11.5	5.95	4.31	4.80	4.56	0.5	2.98	13.55	4%	
	12	5.95	4.07	4.66	4.36	0.5	2.98	12.98	4%	
	12.5	5.95	3.96	4.30	4.13	0.5	2.98	12.29	4%	
	13	5.95	3.72	4.06	3.89	0.5	2.98	11.57	4%	
	13.5	5.95	3.69	3.87	3.78	0.5	2.98	11.24	4%	
	14	5.95	3.51	3.34	3.43	0.5	2.98	10.19	3%	
	14.5	5.95	3.17	3.10	3.13	0.5	2.98	9.32	3%	
0.65	15	5.95	3.17	3.10	2.04	0.5	1.49	3.04	1%	Corrected for Verticle walls
Verticle wall correction interpolation 0.65 based on USGS publication 2175 WSP Pg 82 Distance to depth ratio										
								Table:		
Field observations and raw data										
								ratio of distance from wall L1 to depth	mean in vert. velocity at wall as fraction of mean in vertical velocity at distance L1	
								0	0.65	
								0.25	0.9	
								0.5	0.95	
								1	1	
								from page 82 USGS WSP 2175 Meas. Of stage and Discharge.		
								Ratio dist/depth 0.067226891		

		EHM ENGINEERS, INC.															
		DISCHARGE MEASUREMENT NOTES															
Job Number:	136-10a									Two Point Method		ONLY EDIT HIGHLIGHTED ITEMS					
Stream:	Box Canyon				At:130' upstream canal end	Headworks				$0.2 + 0.8 = 1'$							
Segment:	Metal Fune				Date:	5/19/2010				$\frac{2}{2}$							
Meter Type:	Mag 20Sec Time Ave				Stage from Fixed Point:	Start South Wall 0.0											
					Time:	9:10 ac - 10:30 am											
Distance from Initial Point (Ft)	Width (Ft)	Depth (Ft)		Velocity at Depth of			Velocity Mean in Vertical	Area	Discharge		Velocity at Depth of						
			0.2	0.6			0.8				0.2	0.6	0.8				
0.5	0.75	5.90	3.37				3.85	3.61	4.43	15.97	3.37	4.06	3.85				
1.0	0.5	5.90	3.59				3.94	3.77	2.95	11.11	3.59	4.18	3.94				
1.5	0.5	5.90	4.04				4.03	4.04	2.95	11.90	4.04	4.10	4.03				
2.0	0.5	5.90	4.26				4.02	4.14	2.95	12.21	4.26	4.49	4.02				
2.5	0.5	5.90	4.36				3.94	4.15	2.95	12.24	4.36	4.74	3.94				
3.0	0.5	5.90	4.69				4.01	4.35	2.95	12.83	4.69	4.8	4.01				
3.5	0.5	5.90	4.79				4.45	4.62	2.95	13.63	4.79	4.81	4.45				
4.0	0.5	5.90	5.09				4.76	4.93	2.95	14.53	5.09	5.10	4.76				
4.5	0.5	5.90	5.04				4.49	4.77	2.95	14.06	5.04	5.09	4.49				
5.0	0.5	5.90	5.03				4.63	4.83	2.95	14.25	5.03	5.18	4.63				
5.5	0.5	5.95	4.68				4.42	4.55	2.98	13.54	4.68	5.12	4.42				
6.0	0.5	5.95	4.77				4.43	4.60	2.98	13.69	4.77	5.07	4.43				
6.5	0.5	5.95	4.96				3.66	4.31	2.98	12.82	4.96	4.77	3.66				
7.0	0.5	5.95	4.82				4.36	4.59	2.98	13.66	4.82	4.41	4.36				
7.5	0.6	5.95	4.51				3.73	4.12	2.98	12.26	4.51	4.95	3.73				
8.0	0.5	5.95	3.77				4.14	3.96	2.98	11.78	3.73	5.34	4.14				
8.5	0.5	5.95	4.65				4.19	4.42	2.98	13.15	4.65	5.03	4.19				
9.0	0.5	5.95	4.95				4.55	4.75	2.98	14.13	4.95	4.82	4.55				
9.5	0.5	5.95	4.8				4.95	4.88	2.98	14.50	4.80	5.15	4.95				
10.0	0.5	5.95	4.93				4.79	4.86	2.98	14.46	4.93	4.84	4.79				
10.5	0.5	5.95	4.81				4.75	4.78	2.98	14.22	4.81	4.65	4.75				
11.0	0.5	5.90	4.7				4.58	4.64	2.95	13.69	4.70	5.02	4.58				
11.5	0.73	5.90	4.15				3.58	3.87	4.31	16.65	4.15	4.32	3.58				
11' - 11 3/4"	North Wall																
									Total	311.27							

Yenter, Cindy

From: Vincent, Sean
Sent: Tuesday, May 25, 2010 1:50 PM
To: Yenter, Cindy
Subject: FW: Tuesday measurement
Attachments: 136-10 Gauge Calculations - computer calcs 5-19-10a.xls

Cindy,

Here is the flow measurement data from Clear Springs. The flow estimate for the flume corresponds quite well to the measurement that Corbin and I made.

Sean

From: Randy MacMillan [mailto:randy@clearsprings.com]
Sent: Tuesday, May 25, 2010 12:00 PM
To: Vincent, Sean
Cc: 'Charles E. Brockway'; 'John Simpson'; randy@clearsprings.com
Subject: RE: Tuesday measurement

Sean- I am not aware of any flow measurement discrepancy at the Box Canyon Hatchery. I am aware of a flow measurement discrepancy between the USGS gauging station and Clear Springs Foods when we total the flow entering our flume and any by-pass flows. Attached are the measurements Gary Burkett made on May 19th. Using the two point method he estimates flow in our flume at about 311 cfs. Chuck Brockway measured the flume flow using a Price Type A meter at the same location on May 17th, 2006. In this determination the average flow was measured at about 297 cfs. We do not have an electronic version of his report to send you but at our meeting tomorrow afternoon I will give you his report. The hatchery flow measurements are below (hh is hatch house). Thanks for your efforts. Randy

	5/17/2010	5/18/2010	5/19/2010
pipe 1	94.7	94.62	93.13
pipe 2	92.97	93.82	92.52
pipe 3	106.13	106.83	105.67
hh pipe	4.34	4.37	4.38
total	298.14	299.64	295.7

John (Randy) MacMillan, Ph.D.
Vice President
Clear Springs Foods, Inc.
P.O. Box 712
Buhl, Idaho 83316
USA
Phone 208-543-3462
Fax 208-543-4146

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From: Vincent, Sean [mailto:Sean.Vincent@idwr.idaho.gov]
Sent: Tuesday, May 25, 2010 10:23 AM
To: randy@clearsprings.com
Cc: terry@clearsprings.com
Subject: RE: Tuesday measurement

Randy,

As you're aware, IDWR is attempting to help resolve the discrepancy that seems to exist between the various flow measurements in Box Canyon and at the Box Canyon hatchery. In that vein, I was hoping that you would share the hatchery and flume flow measurements that were made by and on behalf of Clear Springs Foods last week. Thanks in advance.

Sean

Sean Vincent
Hydrology Section Manager
Idaho Department of Water Resources
322 East Front Street
Boise, Idaho 83720-0098
208-287-4853 (phone)
208-287-6700 (fax)

From: Terry Huddleston [mailto:terry@clearsprings.com]
Sent: Tuesday, May 25, 2010 8:30 AM
To: Vincent, Sean
Cc: Knowles, Corbin; randy@clearsprings.com
Subject: RE: Tuesday measurement

Sean,

Yes, I did receive your email and thank you for the information. Randy MacMillan is the Clear Springs Foods, INC. representative regarding water information.

Thanks,
Terry

From: Vincent, Sean [mailto:Sean.Vincent@idwr.idaho.gov]
Sent: Tuesday, May 25, 2010 8:03 AM
To: Vincent, Sean; Terry Huddleston
Cc: Knowles, Corbin; randy@clearsprings.com
Subject: RE: Tuesday measurement

Terry,

Just wondering if you received my email below. Can you share the hatchery and flume measurements? Thanks.

Sean

From: Vincent, Sean
Sent: Friday, May 21, 2010 2:52 PM
To: 'Terry Huddleston'
Cc: Knowles, Corbin
Subject: RE: Tuesday measurement

Terry,

Corbin calculated an average discharge of 309 cfs. The average velocity was 4.37 ft/sec. Corbin is out today but I'll have him send you the supporting data on Monday.

How does our estimate compare to the EHM measurement on Wednesday? Also, what was the flow at the hatchery on those days?

Thanks in advance.

Sean

From: Terry Huddleston [mailto:terry@clearsprings.com]

Sent: Friday, May 21, 2010 2:14 PM

To: Vincent, Sean

Cc: Knowles, Corbin

Subject: Tuesday measurement

Sean, Corbin,

Can you provide the measurement results on the Box Canyon flume from Tuesday?

Thanks,

Terry

Pipe #1 Box Canyon

4.21.11 cyenter

$$C = 12.54' = 3.99' = 47.88'' = D$$

cknowledges

$$T = 0.48$$

Spacing = 42.24^{147} " on 402 58°F

$$Q = 99.38 \text{ cfs}$$

P	UP	DOWN
---	----	------

P	537	516
---	-----	-----

Sig Q	4180	3858
-------	------	------

Amp	28	26
-----	----	----

Gm	29.5	29.7
----	------	------

Signal	61.7	61.8
--------	------	------

Cnts	2461	2446
------	------	------

Sound speed	4788.9	
-------------	--------	--

Reynolds	1066667	
----------	---------	--

KRe	.9415	
-----	-------	--

DT	2590	
----	------	--

f/s	8.27	
-----	------	--

Cindy Yenter
State of Idaho – Department of Water Resources
1341 Fillmore Street
Suite 200
Twin Falls, Idaho 83301-3380

Dear Cindy,

In addition to the monthly water flow measurements done at the Box Canyon farm by Clear Spring Foods, Inc. (CSF) personnel there were also measurements taken by the USGS and Idaho Power.

The attached report summarizes the measurements that were performed on 6/17/10. Please refer to this report for flow comparison information.

Tom Scott
Clear Springs Foods, INC.
Box Canyon Farm Manager

Tom Scott

From: Terry Huddleston [terry@clearsprings.com]
Sent: Wednesday, July 21, 2010 5:10 PM
To: boxcanyon@clearsprings.com; tscott@clearsprings.com
Subject: FW: response to Idaho Power report on Box Canyon

The USGS is essentially in agreement with your conclusions. Let me give you a brief synopsis of the measurements made by the USGS since Oct 1 of the 2010WY and subsequent provisional computation of discharge for station 13095500 Box Canyon Spring nr Wendell, ID

In the presence of IDWR, Chuck Brockway and Clear Springs Hatchery, a series of mmts were made on May 18; two measurements were made upstream of the diversion, one with an RDI Streampro and one with an RDI rio grande ADCP.

The calculated discharge for both measurements was 317 and 318 cfs (both measurements rated fair) which agree nicely with your measurements included in your report and likely made at the same location. One additional measurement was made at the upstream end of the pool located upstream of the flume entrance. Initial measured discharge for this measurement was 332 cfs using a StreamPro and the moving boat method. After review, described below, the discharge was recomputed to 321 cfs.

On May 18, two additional mmts were made at the cableway located approximately 400 ft. below the present gaging site at a gage height of 1.12ft; initially the measurements, one a RDI streampro mmt using the moving boat method and the other a RDI streampro measurement using the section by section method, were 347cfs (fair) and 318 cfs (poor) respectively, with an approximate 8% difference in discharge between the two measurements. At that time the streampro measurement was thought to be the more accurate of the two measurements and that, when combined with previous mmts, a possible rating change was in order. A provisional rating was created based on the Streampro mmts made at this gage during the 2010 WY and was put in place on Oct 1 2009 at the start of the 2010WY bringing computed discharge within allowable percentage of measured discharge for the 2010WY.

All measurements were submitted Molly Wood, Surface Water Specialist for the Idaho Water Science Center, on Jun 04 for review from which it was determined different extrapolation methods were more appropriate for the Streampro measurement at the cableway and StreamPro measurement above the pool. With the use of the constant/no slip extrapolation method for estimating the top discharge, discharge for the Streampro ADCP mmt at the cableway was computed at 335 cfs, a difference of 3.5% from the previously computed discharge and 2.5% different from your (Idaho Power) Streampro measurement on June 17 .

The initial measured discharge (pre-review), seemed to support a trend in difference between rated discharge and measured discharge. Rating 6.0, which was provisional and subject to review, was started on Oct 1, 2009 at the beginning of the 2010WY, to adjust the rated discharge to compensate for this apparent trend, replacing the previous rating (5.2). After review of the measurements and subsequent re-computation of the 2010WY measurements, It seemed likely that the trend was caused by changes in the control at the gage, which is fairly stable, and more likely due to extrapolation method used during the initial computation of the measurement. Rating 5.2 was put back into effect and the provisional rating was removed. Computed discharge was calculated directly from the ratings and no shifting was used. As of July 7, rating 5.2 is still in use with no shift applied.

After re-computation, measured discharges and corresponding computed discharges for the times measured are as follows.

		at USGS Cableway				USGS Computed discharge Rating 5.2	% difference
Date	Device	Q(cfs)	COV	Rated	method		
5/18/2010	StreamPro (USGS)	335	0.04	Fair	moving boat	321	4.2
	StreamPro (USGS)	318	NA	Fair	SXS	321	-0.9
6/9/2010	StreamPro (Idaho Power)	315	0.07	Fair	moving boat	325	-3.2
6/17/2010	SonTek S5 (Idaho Power)	313	0.04	Good	moving boat	323	-3.2
6/17/2010	StreamPro (Idaho Power)	327	0.07	Fair	moving boat	323	1.2

When these discharges are compared with computed discharge from rating 5.2, USGS StreamPro moving boat measurement was 4% greater and the Idaho Power StreamPro mmt on 6/17 was 1.2% greater, while the USGS StreamPro mmt using the SXS method was -1% from the rating. Idaho Powers S5 mmt was -3.1% from the rating.

Conclusion:

All measurements made at the gage, using the various measurement methods described above were within 5% of the computed discharge using rating 5.2 and within 5% of each other. Acceptable percent difference for a good rated measurement based on USGS SW discharge measurement and check measurement policy, since these (USGS) is $\leq 5\%$. These measurements were rated as fair.. After conferring with Molly we feel the StreamPro measurement using SXS method is a more accurate representation of the true discharge at this site and will be adopted as the standard measurement practice of future measurements at this gage.

Note on the web published discharges. Although we are very diligent about maintaining as accurate as possible computation of discharge on our website, computed discharge is provisional and subject to revision which has occurred in this instance. Until the record has been computed, reviewed, and approved, this data is always subject to revision as is clearly stated on the web page.

David M. Evetts
 Assistant Director for Hydrologic Data
 U.S. Geological Survey-WRD
 IDWSC - 230 Collins Rd, Boise, ID
 office-(208)387-1316
 cell- (208)761-9647
 fax- (208)387-

6/30/2010

Box Canyon Report

Clear Springs Hatchery maintains a diversion from Box Canyon springs of approximately 300 cfs. Spring discharge as reported by the USGS has declined over the last several decades (Figure 1). Clear Springs Hatchery is concerned that spring discharge continues to decline as evidenced by the reduction in spills at their diversion. Flow data from the USGS indicate flows have actually increased during the last year indicating that flows may be stabilizing. USGS data indicate that in early May 2010 spring discharge measured approximately 330 cfs. Conversely, Clear Springs maintain flows in their diversion are approximately 300 cfs and spills totaling 5 to 10 cfs. The apparent discrepancy in the USGS and Clear Springs data may indicate a losing reach in the stream or an error in flow estimation.

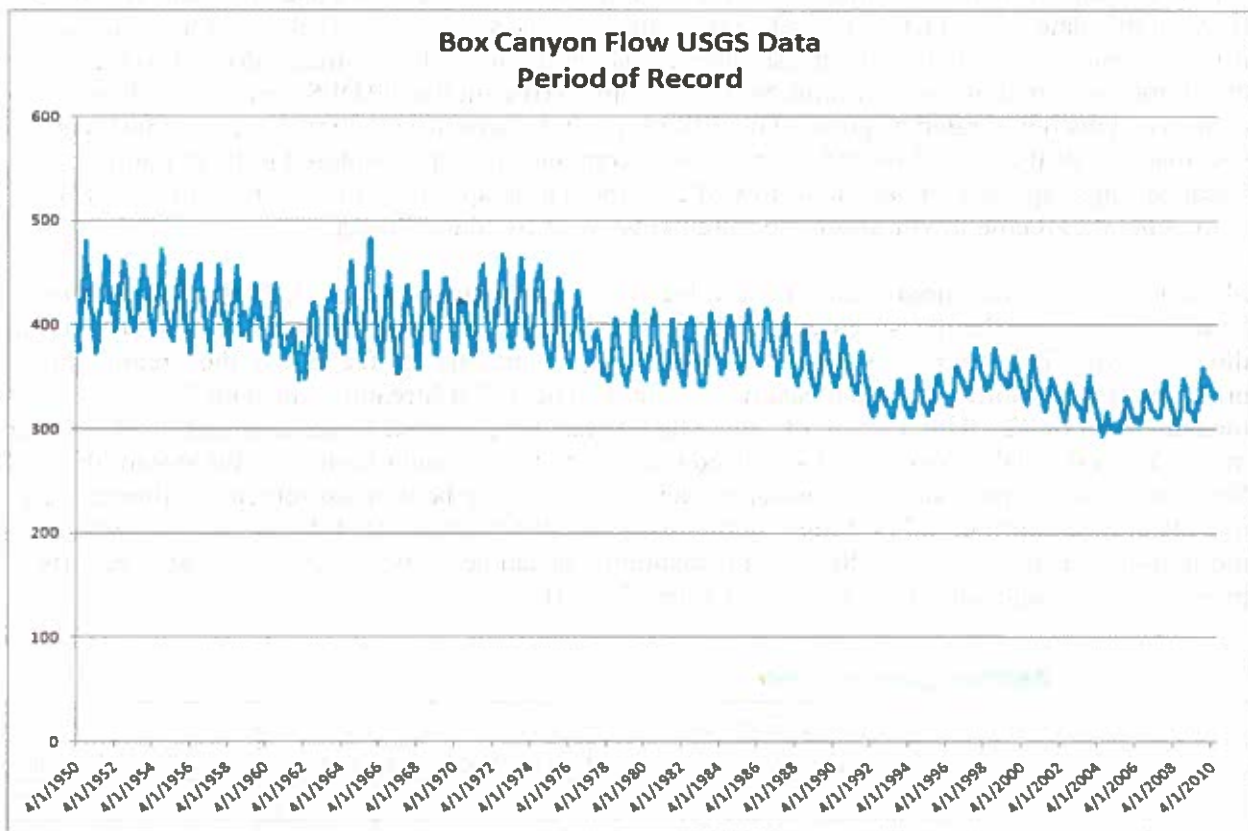


Figure 1: Flow in Box Canyon from 1950 to present (data source http://waterdata.usgs.gov/id/nwis/dvstat/?search_site_no=13095500&agency_cd=USGS&referred_module=sw&format=sites_selection_links).

Idaho Power was asked by Clear Springs to measure spring discharge at two locations in Box Canyon and measure flow in their diversion canal. The effort was undertaken to provide a better understanding of the conditions within Box Canyon and the Clear Springs diversion and provide an additional independent measurement of stream flow.

6/30/2010

Measurement Data

On June 9, Pete Vidmar and David Blew used a TRDI StreamPro to make measurements at three locations. The measurement taken in the flume did not yield results that were deemed usable or reliable. At 100 ft above the diversion (flume) the flow was measured at 319 cfs and the measurement was rated as good (within +/- 5%). Measurements taken at the USGS cableway yielded a result of 315 cfs with the measurement rated only fair (within +/- 8%). USGS reports a provisional average daily flow of 334 for June 9, 2010. Idaho Power staff noted that at the measuring cross section near the USGS gage, the substrate is large and irregular. This makes accurate moving boat measurements difficult. Based upon the problems encountered a second trip was planned to Box Canyon.

On June 17 Pete Vidmar, Mike Campbell and David Blew made a second trip to Box Canyon to conduct stream flow measurements. Two data collections devices were used to measure stream flow on this date. The TRDI StreamPro was employed as well as a SonTek S5. Flows in the flume measured 311 cfs but the measurement was rated only as fair. Stream flows 100 ft above the flume measured 302 cfs with the SonTek S5 and 310 with the TRDI StreamPro with both measurements being rated as good. The difference of 8 cfs between the two measurements is less than 3% of the total flow and the two measurements are not considered to be in conflict. Clear Springs reported a total canal flow of 298 and a total spill of 5.34 for a total of 303 which is in general agreement with those measurements taken by Idaho Power.

Idaho Power also measured stream flow at the USGS cableway on June 17, 2010. To provide better accuracy for the measurements Idaho Power installed a temporary cable across the river at the cableway. This temporary cable was located approximately 2.5 feet above the stream which provided better stability for the measuring devices. The TRDI StreamPro provided a measurement of 327 with a rating of fair. The SonTek S5 provided a measurement of 313 with a rating of good. Idaho Power staff surmised that due to the irregular bottom of the stream the SonTek S5 was a more suitable measuring device for moving boat measurements. Alternatively, the TRDI StreamPro could provide reliable results at USGS gage site if the section by section methodology is utilized. Results for all measurements can be found in Table 1. USGS reports a provisional average daily flow of 332 for June 17, 2010.

Table 1: Results of Idaho Power measurements at Box Canyon.

		in Canal abv pipe intake			100 ft above flume			at USGS Cableway		
Date	Device	Q(cfs)	COV	Rated	Q(cfs)	COV	Rated	Q(cfs)	COV	Rated
6/9/2010	StreamPro				319	0.03	Good	315	0.07	Fair
6/17/2010	SonTek S5	311	NA	Fair	302	0.02	Good	313	0.04	Good
6/17/2010	StreamPro				310	0.03	Good	327	0.07	Fair

6/30/2010

Flow Discrepancies

There are certainly differences in the flows reported by the USGS and those measured by Idaho Power at the USGS cableway. However, these differences are not necessarily large in context of the volume of flow. The differences are however large enough to raise questions about the trend in flow within Box Canyon. A review of the data from the USGS website shows that several changes in stage-discharge ratings have been implemented at this site. One of these changes occurred on October 1, 2009 (Figure 2). This change coincides with the implementation of Acoustic Doppler technology for making flow measurements. This recent change in the stage-discharge rating may be due to the utilization of new technology and may not reflect actual changes in flow. Box Canyon does not receive large channel forming flows and the cross-sectional area of the stream appears to be very stable. As such the actual stage of the river may provide a more consistent measure of the trend in flows within Box Canyon.

6/30/2010

Box Canyon

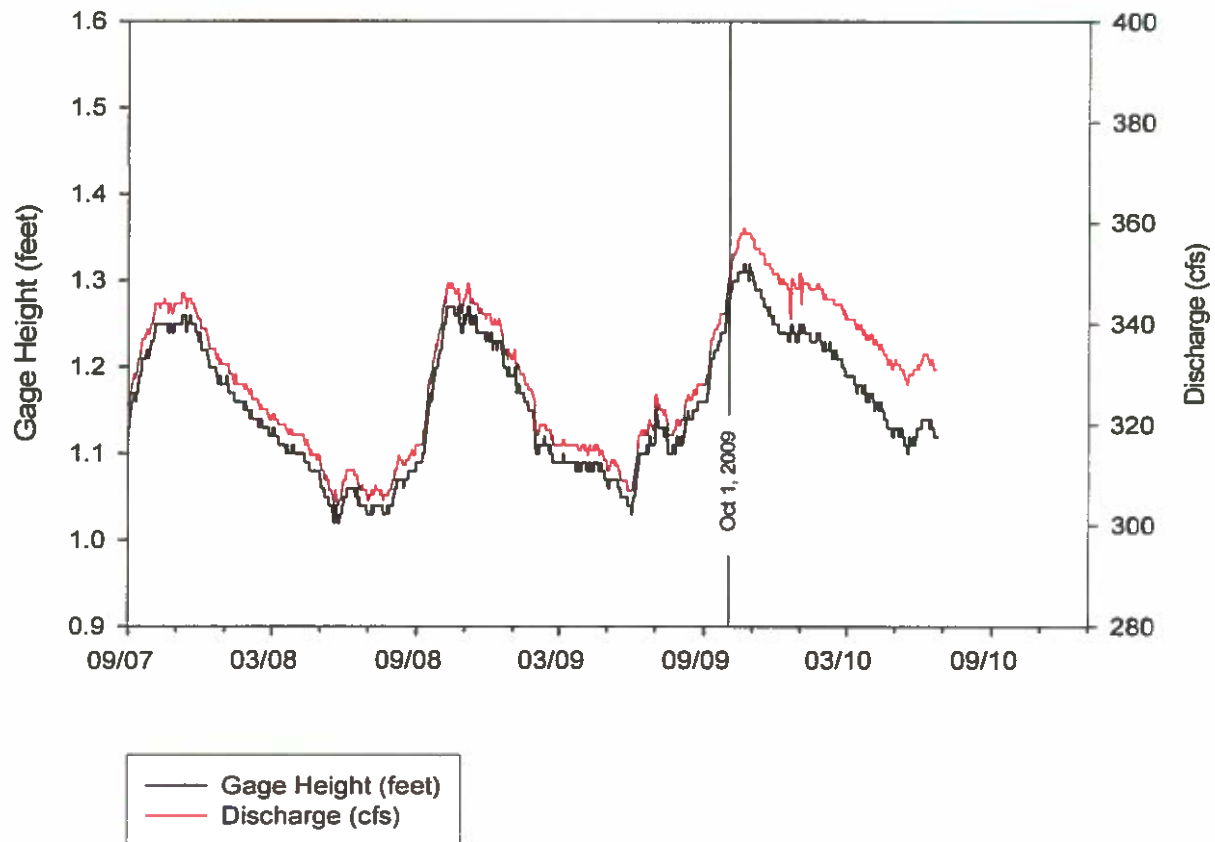


Figure 2: Stage discharge relationship and shift change for Box Canyon.

Conclusions

The measurements at the Clear Springs diversion made by Idaho Power are in general agreement with those measurements reported by the hatchery. The difference in flows measured at the USGS gage site by the USGS and Idaho Power are small and may well be with inherent error for making streamflow measurements.

Idaho Power concludes that stream stage may be a more important indicator of trend in spring discharge than the estimates of flow. The lack of channel forming flows and relatively consistent

6/30/2010

flow in Box Canyon would produce little change in channel cross-section. This would make stream stage potentially a more reliable indicator overall trend in spring discharge.

Idaho Power believes in order to provide a better understanding of the flows in Box Canyon an ongoing series of measurements should be conducted. Additionally, a review of this data should be done in conjunction with the USGS and a comparison of measurement methods should be made.