

11/1 Pump Run

EVENT LOG BOOK

Page 1 of

11/2/17:47	Started	North Pump	
17:52	Started	South Pump	
11/2/1900	North Station Pumped		4,709,960
11/2/1900	South Station Pumped		4,496,194
11/2/1000	North Station Pumped		3,846,600
11/2/1000	South Station Pumped		4,053,750
11/2/1100	North Station Pumped		3,856,680
11/2/1100	South Station Pumped		3,975,150
11/2/1155	North Station Pumped		3,541,725
11/2/1150	South Station Pumped		3,311,125
11/2/1200	Total gallons Pumped by North Station		= 15,954,965
11/2/1200	Total gallons Pumped by South Station		= 15,836,219

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 08

Author:

Patricia Ward

Date:

10/1/15

Approved:

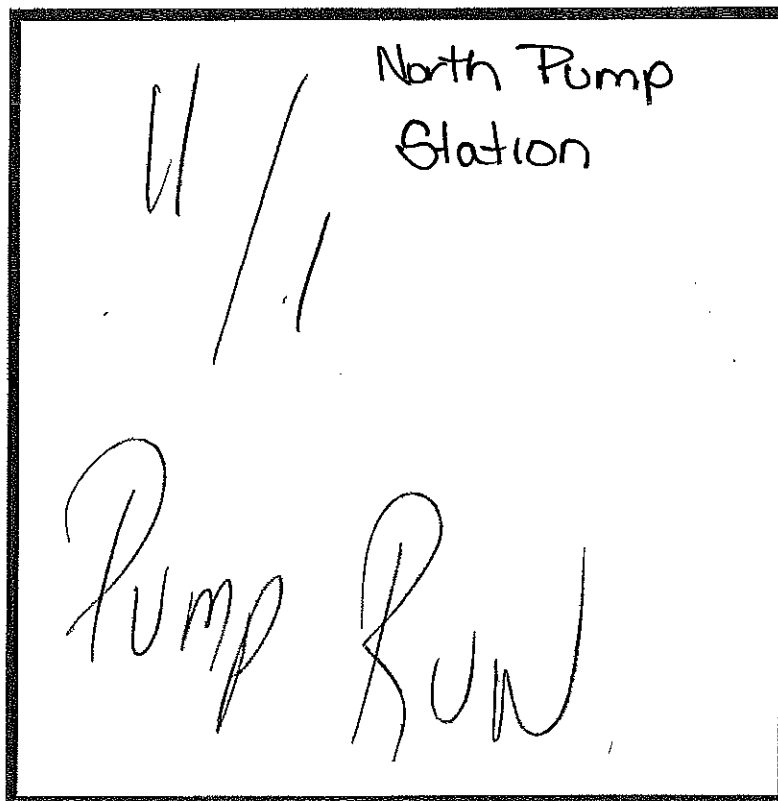
Pat Smith

Date:

10/1/15

Revision 7: Added RPM Columns for North and South Pumping Stations in Procedure.

Revision 8: Added requirement for validating CCS level margin prior to starting L31 pumps



Bryan Ingram

Rev 8, 10/01/2015

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET									
Month <u>11</u> Day <u>2</u> Year <u>2015</u>									
Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	RPM East Pump	RPM Center Pump	RPM West Pump	North Canal Level North of 344 St	South Canal Level South of 344 St	System Checks Sat
00:00	Flow:	Flow:	Flow:						
00:00	Total:	Total:	Total:						
1:00	Flow:	Flow:	Flow:						
1:00	Total:	Total:	Total:						
2:00	Flow:	Flow:	Flow:						
2:00	Total:	Total:	Total:						
3:00	Flow:	Flow:	Flow:						
3:00	Total:	Total:	Total:						
4:00	Flow:	Flow:	Flow:						
4:00	Total:	Total:	Total:						
5:00	Flow:	Flow:	Flow:						
5:00	Total:	Total:	Total:						
6:00	Flow:	Flow:	Flow:						
6:00	Total:	Total:	Total:						
7:00 7:47	Flow: 22878	Flow: 20583	Flow: ERROR	576	576	576	.3	.9	✓
7:00	Total: 30864677	Total: 30753662	Total:						
8:00	Flow: ↓	Flow: ↓	Flow: ↓	↓	↓	↓	↓	↓	Ⓟ
8:00	Total: ↓	Total: ↓	Total: ↓	↓	↓	↓	↓	↓	
9:00	Flow: 21762	Flow: ERROR	Flow: ERROR	576	576	576	.4	.9	
9:00	Total: 32409302	Total:	Total:						
10:00	Flow: 22058	Flow: ERROR	Flow: ERROR	576	576	576	.4	.9	✓
10:00	Total: 33686714	Total:	Total:	60Hz	60Hz	60Hz			
11:00	Flow: 22098	Flow: ERROR	Flow: ERROR	576	576	576	.3	.9	✓
11:00	Total: 33820701	Total:	Total:						
11:55 11:55	Flow: 22292	Flow: ERROR	Flow: ERROR	576	576	576	.2	.9	✓
12:00 12:00	Total: 36197679	Total:	Total:						

PUMP OPERATOR

Date

VERIFIED BY PUMP

COORDINATOR

Date

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET				Month	Day	Year			
Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	RPM East Pump	RPM Center Pump	RPM West Pump	North Canal Level North of 344 St	South Canal Level South of 344 St	System Checks Sat
13:00	Flow:	Flow:	Flow:						
13:00	Total:	Total:	Total:						
14:00	Flow:	Flow:	Flow:						
14:00	Total:	Total:	Total:						
15:00	Flow:	Flow:	Flow:						
15:00	Total:	Total:	Total:						
16:00	Flow:	Flow:	Flow:						
16:00	Total:	Total:	Total:						
17:00	Flow:	Flow:	Flow:						
17:00	Total:	Total:	Total:						
18:00	Flow:	Flow:	Flow:						
18:00	Total:	Total:	Total:						
19:00	Flow:	Flow:	Flow:						
19:00	Total:	Total:	Total:						
20:00	Flow:	Flow:	Flow:						
20:00	Total:	Total:	Total:						
21:00	Flow:	Flow:	Flow:						
21:00	Total:	Total:	Total:						
22:00	Flow:	Flow:	Flow:						
22:00	Total:	Total:	Total:						
23:00	Flow:	Flow:	Flow:						
23:00	Total:	Total:	Total:						
24:00	Flow:	Flow:	Flow:						
24:00	Total:	Total:	Total:						

PUMP
OPERATOR _____

Date: _____

VERIFIED BY PUMP
COORDINATOR _____

Date: _____

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 08

Author:

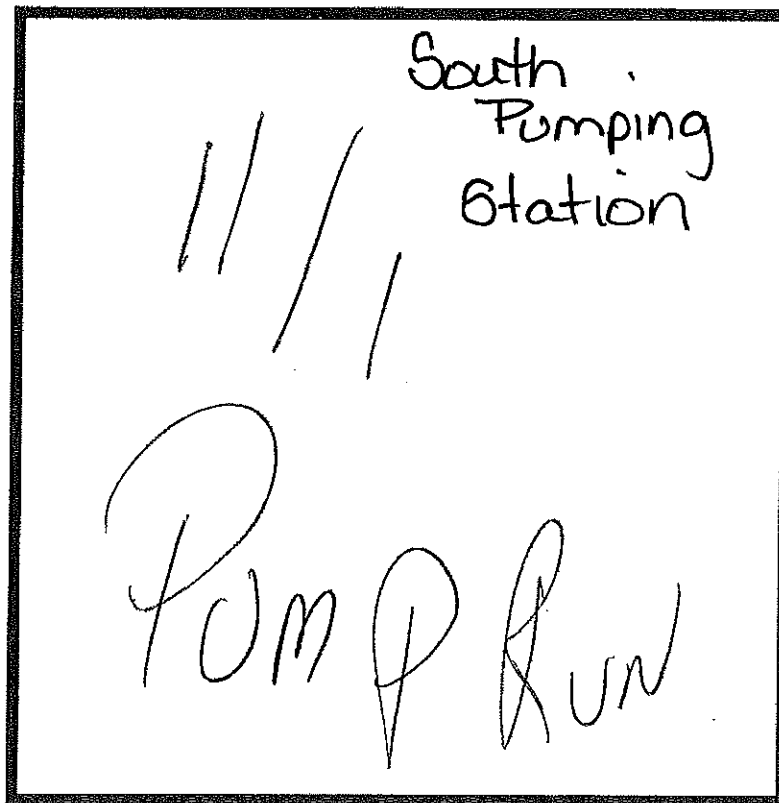
Date:

Approved:

Date:

Revision 7: Added RPM Columns for North and South Pumping Stations in Procedure.

Revision 8: Added requirement for validating CCS level margin prior to starting L31 pumps



EXXCCASH
11/2/15

Rev 8, 10/01/2015

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET						
		Month	Day	Year		
Time	North Pump (107944)	South Pump (107939)	RPM No. Pump	RPM So. Pump	South Canal Level	System Checks Sat
00:00	Flow:	Flow:				
00:00	Total:	Total:				
1:00	Flow:	Flow:				
1:00	Total:	Total:				
2:00	Flow:	Flow:				
2:00	Total:	Total:				
3:00	Flow:	Flow:				
3:00	Total:	Total:				
4:00	Flow:	Flow:				
4:00	Total:	Total:				
5:00	Flow:	Flow:				
5:00	Total:	Total:				
6:00	Flow:	Flow:				
6:00	Total:	Total:				
7:00 7:52	Flow: 32541	Flow: 30843	5916	5916	.75	✓
7:00	Total: 97130518	Total: 45516812				
8:00 9:00	Flow: 33725	Flow: 31132	5916	5916	.75	✓
8:00 9:00	Total: 991326360	Total: 47569272				
9:00	Flow:	Flow:				
9:00	Total:	Total:				
10:00	Flow: 34092	Flow: 32176	5916	5916	.75	✓
10:00	Total: 13961607	Total: 49482736				
11:00	Flow: 33724	Flow: 32513	5916	5916	.75	✓
11:00	Total: 3327656	Total: 50786346				
12:00	Flow: 33695	Flow: ERROR	5916	5916	.75	✓
12:00	Total: 4972170	Total: ERROR				

PUMP OPERATOR EXXCCASH

Date 11/2/15

VERIFIED BY PUMP
COORDINATOR

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET						
Time	North Pump (107944)	South Pump (107939)	RPM No Pump	RPM So Pump	South Canal Level	System Checks Sat
13:00	Flow:	Flow:				
13:00	Total:	Total:				
14:00	Flow:	Flow:				
14:00	Total:	Total:				
15:00	Flow:	Flow:				
15:00	Total:	Total:				
16:00	Flow:	Flow:				
16:00	Total:	Total:				
17:00	Flow:	Flow:				
17:00	Total:	Total:				
18:00	Flow:	Flow:				
18:00	Total:	Total:				
19:00	Flow:	Flow:				
19:00	Total:	Total:				
20:00	Flow:	Flow:				
20:00	Total:	Total:				
21:00	Flow:	Flow:				
21:00	Total:	Total:				
22:00	Flow:	Flow:				
22:00	Total:	Total:				
23:00	Flow:	Flow:				
23:00	Total:	Total:				
24:00	Flow:	Flow:				
24:00	Total:	Total:				

PUMP OPERATOR _____

Date: _____

VERIFIED BY PUMP
COORDINATOR _____

Date: _____

11/3 Pump Run

Page 1 of 1

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INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 08

Author:

Patricia Ward

Date:

10/1/15

Approved:

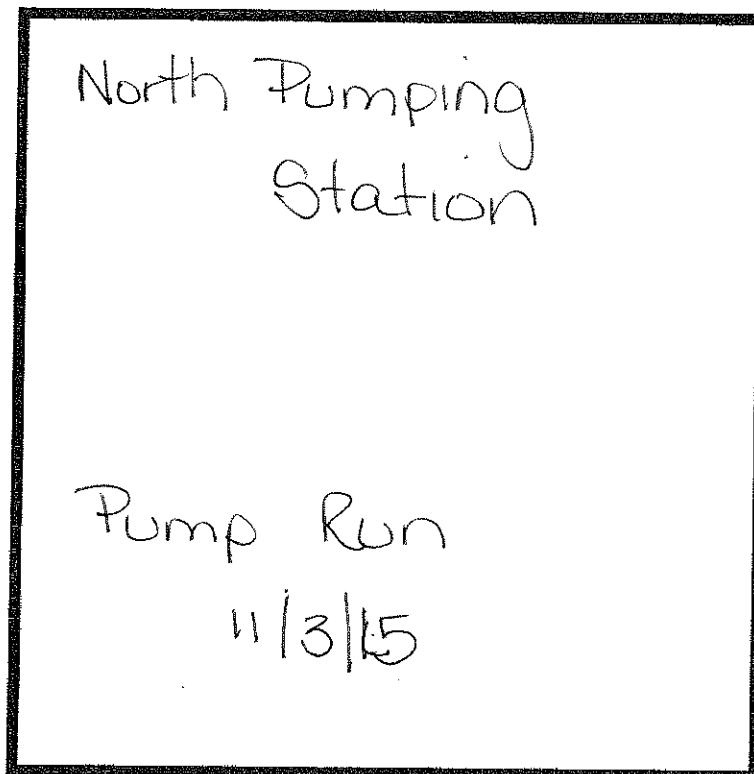
Paul Swartz

Date:

10/1/15

Revision 7: Added RPM Columns for North and South Pumping Stations in Procedure.

Revision 8: Added requirement for validating CCS level margin prior to starting L31 pumps



Bryan Ingram

Rev 8, 10/01/2015

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET									
Month <u>11</u> Day <u>4</u> Year <u>2015</u>									
Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	RPM East Pump	RPM Center Pump	RPM West Pump	North Canal Level North of 344 St	South Canal Level South of 344 St	System Clicks Sat
00:00	Flow:	Flow:	Flow:						
00:00	Total:	Total:	Total:						
1:00	Flow:	Flow:	Flow:						
1:00	Total:	Total:	Total:						
2:00	Flow:	Flow:	Flow:						
2:00	Total:	Total:	Total:						
3:00	Flow:	Flow:	Flow:						
3:00	Total:	Total:	Total:						
4:00	Flow:	Flow:	Flow:						
4:00	Total:	Total:	Total:						
5:00	Flow:	Flow:	Flow:						
5:00	Total:	Total:	Total:						
6:00	Flow:	Flow:	Flow:						
6:00	Total:	Total:	Total:						
7:00	Flow:	Flow:	Flow:						
7:00	Total:	Total:	Total:						
8:00	Flow:	Flow:	Flow:						
8:00	Total:	Total:	Total:						
9:00	Flow:	Flow:	Flow:						
9:00	Total:	Total:	Total:						
<u>10:00</u> <u>10/05</u>	Flow: <u>22578</u>	Flow: <u>ERROR</u>	Flow: <u>ERROR</u>	<u>576</u>	<u>576</u>	<u>576</u>	<u>-.4</u>	<u>.9</u>	<u>✓</u>
10:00	Total: <u>40667627</u>	Total: <u>ERROR</u>	Total: <u>ERROR</u>	<u>6012</u>	<u>6012</u>	<u>6012</u>			
11:00	Flow: <u>21628</u>	Flow: <u>ERROR</u>	Flow: <u>ERROR</u>	<u>576</u>	<u>576</u>	<u>576</u>	<u>-.4</u>	<u>.9</u>	<u>✓</u>
11:00	Total: <u>41748211</u>	Total: <u>ERROR</u>	Total: <u>ERROR</u>						
<u>11:55</u>	Flow: <u>21587</u>	Flow: <u>ERROR</u>	Flow: <u>ERROR</u>	<u>576</u>	<u>576</u>	<u>576</u>	<u>-.4</u>	<u>.9</u>	<u>✓</u>
<u>11:55</u>	Total: <u>42901565</u>	Total: <u>ERROR</u>	Total: <u>ERROR</u>	<u>6012</u>	<u>6012</u>	<u>6012</u>			

PUMP OPERATOR [Signature]
 Date 11/4/2015

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VERIFIED BY PUMP
 COORDINATOR [Signature] Date 11/4/2015

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET				Month	Day	Year			
Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	RPM East Pump	RPM Center Pump	RPM West Pump	North Canal Level North of 344 St	South Canal Level South of 344 St	System Checks Sat
13:00	Flow:	Flow:	Flow:						
13:00	Total:	Total:	Total:						
14:00	Flow:	Flow:	Flow:						
14:00	Total:	Total:	Total:						
15:00	Flow:	Flow:	Flow:						
15:00	Total:	Total:	Total:						
16:00	Flow:	Flow:	Flow:						
16:00	Total:	Total:	Total:						
17:00	Flow:	Flow:	Flow:						
17:00	Total:	Total:	Total:						
18:00	Flow:	Flow:	Flow:						
18:00	Total:	Total:	Total:						
19:00	Flow:	Flow:	Flow:						
19:00	Total:	Total:	Total:						
20:00	Flow:	Flow:	Flow:						
20:00	Total:	Total:	Total:						
21:00	Flow:	Flow:	Flow:						
21:00	Total:	Total:	Total:						
22:00	Flow:	Flow:	Flow:						
22:00	Total:	Total:	Total:						
23:00	Flow:	Flow:	Flow:						
23:00	Total:	Total:	Total:						
24:00	Flow:	Flow:	Flow:						
24:00	Total:	Total:	Total:						

PUMP
OPERATOR

Date

VERIFIED BY PUMP
COORDINATOR

Date

Today's Date 11/4 11/3 Pump
Rev 8, 10/01/2015
INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 08

Author:

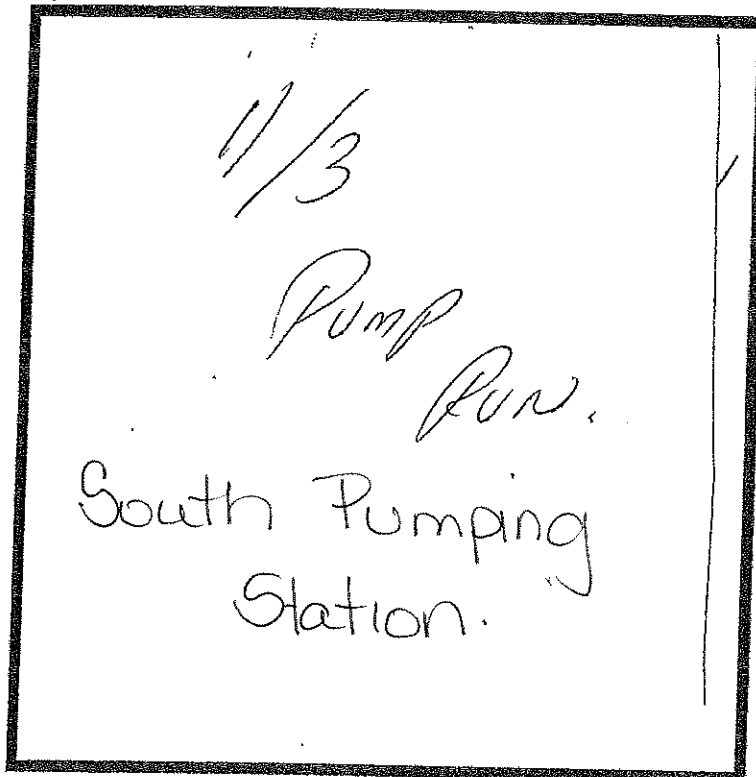
Date:

Approved:

Date:

Revision 7: Added RPM Columns for North and South Pumping Stations in Procedure.

Revision 8: Added requirement for validating CCS level margin prior to starting L31 pumps



INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

11/9 Pump Run

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET						
		Month	Day	Year		
Time	North Pump (107944)	South Pump (107939)	RPM No. Pump	RPM So. Pump	South Canal Level	System Checks Sat
00:00	Flow:	Flow:				
00:00	Total:	Total:				
1:00	Flow:	Flow:				
1:00	Total:	Total:				
2:00	Flow:	Flow:				
2:00	Total:	Total:				
3:00	Flow:	Flow:				
3:00	Total:	Total:				
4:00	Flow:	Flow:				
4:00	Total:	Total:				
5:00	Flow:	Flow:				
5:00	Total:	Total:				
6:00	Flow:	Flow:				
6:00	Total:	Total:				
7:00	Flow:	Flow:				
7:00	Total:	Total:				
8:00	Flow:	Flow:				
8:00	Total:	Total:				
9:00	Flow:	Flow:				
9:00	Total:	Total:				
10:00 10/10	Flow: 31700	Flow: 33577	598	598	.7	✓
10:00 10/10	Total: 55083521	Total: 11623574				
11:00	Flow: 32015	Flow: 35999	598	598	.7	✓
11:00	Total: 57197511	Total: 13039647				
12:00	Flow: 32015	Flow: 33649	598	598	.7	✓
12:00	Total: 58792941	Total: 14679962				

PUMP OPERATOR

Date

VERIFIED BY PUMP
COORDINATOR

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET			Month	Day	Year		
Time	North Pump (107944)	South Pump (107939)	RPM No Pump	RPM So Pump	South Canal Level	System Checks Sat	
13:00	Flow:	Flow:					
13:00	Total:	Total:					
14:00	Flow:	Flow:					
14:00	Total:	Total:					
15:00	Flow:	Flow:					
15:00	Total:	Total:					
16:00	Flow:	Flow:					
16:00	Total:	Total:					
17:00	Flow:	Flow:					
17:00	Total:	Total:					
18:00	Flow:	Flow:					
18:00	Total:	Total:					
19:00	Flow:	Flow:					
19:00	Total:	Total:					
20:00	Flow:	Flow:					
20:00	Total:	Total:					
21:00	Flow:	Flow:					
21:00	Total:	Total:					
22:00	Flow:	Flow:					
22:00	Total:	Total:					
23:00	Flow:	Flow:					
23:00	Total:	Total:					
24:00	Flow:	Flow:					
24:00	Total:	Total:					

PUMP OPERATOR

Date:

VERIFIED BY PUMP
COORDINATOR

Date:

11/4

Pump Run

EVENT LOG BOOK

Page 1 of 1

11/5/13:30 NO Pumping for 11-4-15 Pump
Run AS 504 Acre Feet WAS NOT
released.

Brad Ryak

**INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM
ATTACHMENT 2**

NORTH PUMPING STATION HOURLY LOG SHEET				Month 11	Day 04	Year 2015
Time	West Pump (107942)	Center Pump (107941)	East Pump (107940)	North Canal Level	South Canal Level	System Checksheet
00:00	Flow: Total:	Flow: Total:	Flow: Total:			
01:00	Flow: Total:	Flow: Total:	Flow: Total:			
02:00	Flow: Total:	Flow: Total:	Flow: Total:			
03:00	Flow: Total:	Flow: Total:	Flow: Total:			
04:00	Flow: Total:	Flow: Total:	Flow: Total:			
05:00	Flow: Total:	Flow: Total:	Flow: Total:			
06:00	Flow: Total:	Flow: Total:	Flow: Total:			
07:00	Flow: Total:	Flow: Total:	Flow: Total:			
08:00	Flow: Total:	Flow: Total:	Flow: Total:			
09:00	Flow: Total:	Flow: Total:	Flow: Total:			
10:00	Flow: Total:	Flow: Total:	Flow: Total:			
11:00	Flow: Total:	Flow: Total:	Flow: Total:			
12:00	Flow: Total:	Flow: Total:	Flow: Total:			
13:00	Flow: Total:	Flow: Total:	Flow: Total:			
14:00	Flow: Total:	Flow: Total:	Flow: Total:			
15:00	Flow: Total:	Flow: Total:	Flow: Total:			
16:00	Flow: Total:	Flow: Total:	Flow: Total:			
17:00	Flow: Total:	Flow: Total:	Flow: Total:			
18:00	Flow: Total:	Flow: Total:	Flow: Total:			
19:00	Flow: Total:	Flow: Total:	Flow: Total:			
20:00	Flow: Total:	Flow: Total:	Flow: Total:			
21:00	Flow: Total:	Flow: Total:	Flow: Total:			
22:00	Flow: Total:	Flow: Total:	Flow: Total:			
23:00	Flow: Total:	Flow: Total:	Flow: Total:			
23:59	Flow: Total:	Flow: Total:	Flow: Total:			

LESS THAN 504

NO WATER ALLOTTED

Nannette Sweeney
Nannette Sweeney

11/04/15

**INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM
ATTACHMENT 3**

SOUTH PUMP STATION HOURLY LOG SHEET			Month	11	Day	04	Year	2015
Time	North Pump (107944)	South Pump (107939)		North Canal Level	South Canal Level	System Check	Sat	
00:00	Flow: Total:	Flow: Total:						
01:00	Flow: Total:	Flow: Total:						
02:00	Flow: Total:	Flow: Total:						
03:00	Flow: Total:	Flow: Total:						
04:00	Flow: Total:	Flow: Total:						
05:00	Flow: Total:	Flow: Total:						
06:00	Flow: Total:	Flow: Total:						
07:00	Flow: Total:	Flow: Total:						
08:00	Flow: Total:	Flow: Total:						
09:00	Flow: Total:	Flow: Total:						
10:00	Flow: Total:	Flow: Total:						
11:00	Flow: Total:	Flow: Total:						
12:00	Flow: Total:	Flow: Total:						
13:00	Flow: Total:	Flow: Total:						
14:00	Flow: Total:	Flow: Total:						
15:00	Flow: Total:	Flow: Total:						
16:00	Flow: Total:	Flow: Total:						
17:00	Flow: Total:	Flow: Total:						
18:00	Flow: Total:	Flow: Total:						
19:00	Flow: Total:	Flow: Total:						
20:00	Flow: Total:	Flow: Total:						
21:00	Flow: Total:	Flow: Total:						
22:00	Flow: Total:	Flow: Total:						
23:00	Flow: Total:	Flow: Total:						
23:59	Flow: Total:	Flow: Total:						

LESS THAN 504

NO WATER ALLOTTED

Nannette Sweeney
Nannette Sweeney

11/04/15

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

ATTACHMENT 1
Pump Coordinator Roles and Responsibilities

11/5 Pump Run

Date / Time

EVENT LOG BOOK

Page 1 of 1

11/6/

12:00

Did not Pump today as we did not
go over 504 Acre feet & 11
11:32 A.M.

Brad. Pongalak
Brad. Pongalak

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET Month 11 Day 05 Year 2015

Time	West Pump (107942)	Center Pump (107941)	East Pump (107940)	North Canal Level	South Canal Level	System Checksheet
00:00	Flow: Total:	Flow: Total:	Flow: Total:			
01:00	Flow: Total:	Flow: Total:	Flow: Total:			
02:00	Flow: Total:	Flow: Total:	Flow: Total:			
03:00	Flow: Total:	Flow: Total:	Flow: Total:			
04:00	Flow: Total:	Flow: Total:	Flow: Total:			
05:00	Flow: Total:	Flow: Total:	Flow: Total:			
06:00	Flow: Total:	Flow: Total:	Flow: Total:			
07:00	Flow: Total:	Flow: Total:	Flow: Total:			
08:00	Flow: Total:	Flow: Total:	Flow: Total:			
09:00	Flow: Total:	Flow: Total:	Flow: Total:			
10:00	Flow: Total:	Flow: Total:	Flow: Total:			
11:00	Flow: Total:	Flow: Total:	Flow: Total:			
12:00	Flow: Total:	Flow: Total:	Flow: Total:			
13:00	Flow: Total:	Flow: Total:	Flow: Total:			
14:00	Flow: Total:	Flow: Total:	Flow: Total:			
15:00	Flow: Total:	Flow: Total:	Flow: Total:			
16:00	Flow: Total:	Flow: Total:	Flow: Total:			
17:00	Flow: Total:	Flow: Total:	Flow: Total:			
18:00	Flow: Total:	Flow: Total:	Flow: Total:			
19:00	Flow: Total:	Flow: Total:	Flow: Total:			
20:00	Flow: Total:	Flow: Total:	Flow: Total:			
21:00	Flow: Total:	Flow: Total:	Flow: Total:			
22:00	Flow: Total:	Flow: Total:	Flow: Total:			
23:00	Flow: Total:	Flow: Total:	Flow: Total:			
23:59	Flow: Total:	Flow: Total:	Flow: Total:			

LESS THAN 504
NO WATER ALLOTTED

Nannette Sweeney
Nannette Sweeney

11/05/15

**INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM
ATTACHMENT 3**

SOUTH PUMP STATION HOURLY LOG SHEET			Month	11	Day	05	Year	2015
Time	North Pump (107944)	South Pump (107939)		North Canal Level	South Canal Level	System Check	Sat	
00:00	Flow: Total:	Flow: Total:						
01:00	Flow: Total:	Flow: Total:						
02:00	Flow: Total:	Flow: Total:						
03:00	Flow: Total:	Flow: Total:						
04:00	Flow: Total:	Flow: Total:						
05:00	Flow: Total:	Flow: Total:						
06:00	Flow: Total:	Flow: Total:						
07:00	Flow: Total:	Flow: Total:						
08:00	Flow: Total:	Flow: Total:						
09:00	Flow: Total:	Flow: Total:						
10:00	Flow: Total:	Flow: Total:						
11:00	Flow: Total:	Flow: Total:						
12:00	Flow: Total:	Flow: Total:						
13:00	Flow: Total:	Flow: Total:						
14:00	Flow: Total:	Flow: Total:						
15:00	Flow: Total:	Flow: Total:						
16:00	Flow: Total:	Flow: Total:						
17:00	Flow: Total:	Flow: Total:						
18:00	Flow: Total:	Flow: Total:						
19:00	Flow: Total:	Flow: Total:						
20:00	Flow: Total:	Flow: Total:						
21:00	Flow: Total:	Flow: Total:						
22:00	Flow: Total:	Flow: Total:						
23:00	Flow: Total:	Flow: Total:						
23:59	Flow: Total:	Flow: Total:						

LESS THAN 504

NO WATER ALLOTTED

Nannette Sweeney
Nannette Sweeney

11/05/15

Rev 8, 10/01/2015

ATTACHMENT 1

EVENT LOG BOOK

Page _ of _

11/7/1104 Reached 504 Acre Feet. started North Pumps

11/7/1112 Made all contacts along with SWFMD to

11/7/1155	North Station Pumped	3,294.192 gals
-----------	----------------------	----------------

2,760,100 gals

7

1 Total Water Pumped 2-31 North Station 3,294,192 gals

1 Total water Pumped L-31 South Station 2,760,100 gals



7

1

 $\frac{1}{\sqrt{2}}$

_____ / _____



7

$$\frac{1}{\sqrt{2}}$$

+

— / —

—

_____ / _____

_____ / _____

1

11-6-15
-7-15

Debbie Cooper
Brian Ingrahm

Rev 8, 10/01/2015

ATION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 08

Author:

Calvin W. [Signature]

Date:

10/1/15

Approved:

[Signature]

Date:

10/1/15

Revision 7: Added RPM Columns for North and South Pumping Stations in Procedure.

Revision 8: Added requirement for validating CCS level margin prior to starting L31 pumps

Total water Pumped
L-31 North
3,294,192 gals

L-31 South
2,760,100 gals
North Pumping
Station
Nov. 6, 2015 Run Date

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

ATTACHMENT 2

Bryan Ingram

NORTH PUMPING STATION HOURLY LOG SHEET									
Month <u>11</u> Day <u>7</u> Year <u>15</u>									
Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	RPM East Pump	RPM Center Pump	RPM West Pump	North Canal Level North of 344 St	South Canal Level South of 344 St	System Checks Sat
00:00	Flow:	Flow:	Flow:						
00:00	Total:	Total:	Total:						
1:00	Flow:	Flow:	Flow:						
1:00	Total:	Total:	Total:						
2:00	Flow:	Flow:	Flow:						
2:00	Total:	Total:	Total:						
3:00	Flow:	Flow:	Flow:				- .30	.70	✓
3:00	Total:	Total:	Total:						
4:00	Flow:	Flow:	Flow:				- .10	.70	✓
4:00	Total:	Total:	Total:						
5:00	Flow:	Flow:	Flow:				0	.70	✓
5:00	Total:	Total:	Total:						
6:00	Flow:	Flow:	Flow:						
6:00	Total:	Total:	Total:						
7:00	Flow:	Flow:	Flow:						
7:00	Total:	Total:	Total:						
8:00	Flow:	Flow:	Flow:						
8:00	Total:	Total:	Total:						
9:00	Flow:	Flow:	Flow:						
9:00	Total:	Total:	Total:						
10:00	Flow:	Flow:	Flow:						
10:00	Total:	Total:	Total:						
11:00	Flow:	Flow:	Flow:						
11:04	23080	21003	20002	576	576	576	- .2	.7	
11:00	Total:	Total:	Total:						
11:00	4299886	38825241							
11:00	Flow:	Flow:	Flow:						
11:00	21704	Error	Error	576	576	576	- .3	.7	
11:00	Total:	Total:	Total:						
11:00	43961405			60Hz	60Hz	60Hz			

PUMP OPERATOR

DATE

11-7-15

VERIFIED BY PUMP

COORDINATOR

A Cooper

11/7/15

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET									
Month <u>11</u> Day <u>6</u> Year <u>15</u>									
Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	RPM East Pump	RPM Center Pump	RPM West Pump	North Canal Level North of 344 St	South Canal Level South of 344 St	System Checks Sat
13:00	Flow:	Flow:	Flow:						
13:00	Total:	Total:	Total:						
14:00	Flow:	Flow:	Flow:						
14:00	Total:	Total:	Total:						
15:00	Flow:	Flow:	Flow:						
15:00	Total:	Total:	Total:						
16:00	Flow:	Flow:	Flow:						
16:00	Total:	Total:	Total:						
17:00	Flow:	Flow:	Flow:						
17:00	Total:	Total:	Total:						
18:00	Flow:	Flow:	Flow:						
18:00	Total:	Total:	Total:						
19:00	Flow:	Flow:	Flow:						
19:00	Total:	Total:	Total:						
20:00	Flow:	Flow:	Flow:						
20:00	Total:	Total:	Total:						
21:00	Flow:	Flow:	Flow:						
21:00	Total:	Total:	Total:						
22:00	Flow:	Flow:	Flow:						
22:00	Total:	Total:	Total:						
23:00	Flow:	Flow:	Flow:						
23:00	Total:	Total:	Total:						
24:00	Flow:	Flow:	Flow:						
24:00	Total:	Total:	Total:						

PUMP
OPERATOR

Date: 11-10-15

VERIFIED BY PUMP
COORDINATOR

Date: _____

Kyle Carr

ELZCOASH
11/7/15

Rev 8, 10/01/2015

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 08

Author:

Date:

10/1/15

Approved:

Date:

10/1/15

Revision 7: Added RPM Columns for North and South Pumping Stations in Procedure.

Revision 8: Added requirement for validating CCS level margin prior to starting L31 pumps

Total Water Pumped

L-31 North

3,294,192 gals

L-31 South

2,760,100 gals

South Pumping
Station Run Date
11/6/15

ERSCASH

Rev 8, 10/01/2015

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET						
		Month <u>11</u>	Day <u>7</u>	Year <u>2015</u>		
Time	North Pump (107944)	South Pump (107939)	RPM No Pump	RPM So Pump	South Canal Level	System Checks Sat
00:00	Flow:	Flow:				
00:00	Total:	Total:				
1:00	Flow:	Flow:				
1:00	Total:	Total:				
2:00	Flow:	Flow:				
2:00	Total:	Total:				
3:00	Flow:	Flow:				
3:00	Total:	Total:				
4:00	Flow:	Flow:				
4:00	Total:	Total:				
5:00	Flow:	Flow:				
5:00	Total:	Total:				
6:00	Flow:	Flow:				
6:00	Total:	Total:				
7:00	Flow:	Flow:				
7:00	Total:	Total:				
8:00	Flow:	Flow:				
8:00	Total:	Total:				
9:00	Flow:	Flow:				
9:00	Total:	Total:				
10:00	Flow:	Flow:				
10:00	Total:	Total:				
11:00 11:00	Flow: 35853	Flow: 30710	5918	5918	.6	✓
11:00 11:00	Total: 4670210	Total: 591800130				
12:00	Flow: 36576	Flow: ERROR	630	630	.6	✓
12:00	Total: 16143947	Total: 59167702				

PUMP OPERATOR ERSCASH

Date 11/7/15

VERIFIED BY PUMP
COORDINATOR A. Cooper
11/7/15

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET			Month	Day	Year		
Time	North Pump (107944)	South Pump (107939)	RPM No. Pump	RPM So. Pump	South Canal Level	System Checks Sat	
13:00	Flow:	Flow:					
13:00	Total:	Total:					
14:00	Flow:	Flow:					
14:00	Total:	Total:					
15:00	Flow:	Flow:					
15:00	Total:	Total:					
16:00	Flow:	Flow:					
16:00	Total:	Total:					
17:00	Flow:	Flow:					
17:00	Total:	Total:					
18:00	Flow:	Flow:					
18:00	Total:	Total:					
19:00	Flow:	Flow:					
19:00	Total:	Total:					
20:00	Flow:	Flow:					
20:00	Total:	Total:					
21:00	Flow:	Flow:					
21:00	Total:	Total:					
22:00	Flow:	Flow:					
22:00	Total:	Total:					
23:00	Flow:	Flow:					
23:00	Total:	Total:					
24:00	Flow:	Flow:					
24:00	Total:	Total:					

PUMP OPERATOR _____

Date: _____

VERIFIED BY PUMP
COORDINATOR _____

Date: _____

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

ATTACHMENT 1

Pump Coordinator Roles and Responsibilities

11/7/2015
Pump
Run

Date / Time

EVENT LOG BOOK

Page 1 of 1

11/8/1200 No Pumping today as we did not
Achieve the 504 Acre Feet before
1200 hr.

Brad Ponegalek

Brad Ponegalek

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET				Month	11	Day	07	Year	2015
Time	West Pump (107942)	Center Pump (107941)	East Pump (107940)	North Canal Level	South Canal Level	System Checks			
00:00	Flow: Total:	Flow: Total:	Flow: Total:						
01:00	Flow: Total:	Flow: Total:	Flow: Total:						
02:00	Flow: Total:	Flow: Total:	Flow: Total:						
03:00	Flow: Total:	Flow: Total:	Flow: Total:						
04:00	Flow: Total:	Flow: Total:	Flow: Total:						
05:00	Flow: Total:	Flow: Total:	Flow: Total:						
06:00	Flow: Total:	Flow: Total:	Flow: Total:						
07:00	Flow: Total:	Flow: Total:	Flow: Total:						
08:00	Flow: Total:	Flow: Total:	Flow: Total:						
09:00	Flow: Total:	Flow: Total:	Flow: Total:						
10:00	Flow: Total:	Flow: Total:	Flow: Total:						
11:00	Flow: Total:	Flow: Total:	Flow: Total:						
12:00	Flow: Total:	Flow: Total:	Flow: Total:						
13:00	Flow: Total:	Flow: Total:	Flow: Total:						
14:00	Flow: Total:	Flow: Total:	Flow: Total:						
15:00	Flow: Total:	Flow: Total:	Flow: Total:						
16:00	Flow: Total:	Flow: Total:	Flow: Total:						
17:00	Flow: Total:	Flow: Total:	Flow: Total:						
18:00	Flow: Total:	Flow: Total:	Flow: Total:						
19:00	Flow: Total:	Flow: Total:	Flow: Total:						
20:00	Flow: Total:	Flow: Total:	Flow: Total:						
21:00	Flow: Total:	Flow: Total:	Flow: Total:						
22:00	Flow: Total:	Flow: Total:	Flow: Total:						
23:00	Flow: Total:	Flow: Total:	Flow: Total:						
23:59	Flow: Total:	Flow: Total:	Flow: Total:						

LESS THAN 504

NO WATER ALLOTTED

Nannette Sweeney
Nannette Sweeney

11/07/15

**INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM
ATTACHMENT 3**

SOUTH PUMP STATION HOURLY LOG SHEET				Month 11	Day 07	Year 2015
Time	North Pump (107944)	South Pump (107939)		North Canal Level	South Canal Level	System Check Sat
00:00	Flow: Total:	Flow: Total:				
01:00	Flow: Total:	Flow: Total:				
02:00	Flow: Total:	Flow: Total:				
03:00	Flow: Total:	Flow: Total:				
04:00	Flow: Total:	Flow: Total:				
05:00	Flow: Total:	Flow: Total:				
06:00	Flow: Total:	Flow: Total:				
07:00	Flow: Total:	Flow: Total:				
08:00	Flow: Total:	Flow: Total:				
09:00	Flow: Total:	Flow: Total:				
10:00	Flow: Total:	Flow: Total:				
11:00	Flow: Total:	Flow: Total:				
12:00	Flow: Total:	Flow: Total:				
13:00	Flow: Total:	Flow: Total:				
14:00	Flow: Total:	Flow: Total:				
15:00	Flow: Total:	Flow: Total:				
16:00	Flow: Total:	Flow: Total:				
17:00	Flow: Total:	Flow: Total:				
18:00	Flow: Total:	Flow: Total:				
19:00	Flow: Total:	Flow: Total:				
20:00	Flow: Total:	Flow: Total:				
21:00	Flow: Total:	Flow: Total:				
22:00	Flow: Total:	Flow: Total:				
23:00	Flow: Total:	Flow: Total:				
23:59	Flow: Total:	Flow: Total:				

LESS THAN 504

NO WATER ALLOTTED

Nannette Sweeney
Nannette Sweeney

11/07/15

11/8 Pump Run

Page 1 of 1

EVENT LOG BOOK

1/2008	Total South Station Pumped	29,828.36
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11-8-15 - 11-9-15

Debbie Cooper & Brian Ingraham

Rev 8, 10/01/2015

Pump Run 11/8

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 08

Author:

Date:

10/1/15

Approved:

Date:

10/1/15

Revision 7: Added RPM Columns for North and South Pumping Stations in Procedure.

Revision 8: Added requirement for validating CCS level margin prior to starting L31 pumps

Pump Run 11/8

North station

Total water Pumped

North 29,837,301 gals

South 29,828,136 gals

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Bryan H. Giam

REV 8, 10/01/2015

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET

Month 11 Day 9 Year 15

Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	RPM East Pump	RPM Center Pump	RPM West Pump	North Canal Level North of 344 St	South Canal Level South of 344 St	System Checks Sat
00:00	Flow:	Flow:	Flow:						
00:00	Total:	Total:	Total:						
1:00	Flow:	Flow:	Flow:						
1:00	Total:	Total:	Total:						
2:00	Flow:	Flow:	Flow:						
2:00	Total:	Total:	Total:				-.40	.60	✓
3:00	Flow:	Flow:	Flow:						
3:00	Total:	Total:	Total:				-.35	.60	✓
4:00	Flow:	Flow:	Flow:						
0400	24089	ERROR	19562	576	576	576	-.35	.60	✓
4:00	Total:	Total:	Total:						
	44034594	ERROR	77433117						
5:00	Flow:	Flow:	Flow:						
	21827	ERROR	19850	576	576	576	-.30	.60	✓
5:00	Total:	Total:	Total:						
	45188330	ERROR	78446858						
6:00	Flow:	Flow:	Flow:						
	21727	ERROR	19838	576	576	576	-.2	.7	✓
6:00	Total:	Total:	Total:						
	46476951	ERROR	79620477						
7:00	Flow:	Flow:	Flow:						
	21874	ERROR	19786	576	576	576	-.2	.7	✓
7:00	Total:	Total:	Total:						
	47744813	ERROR	80814071						
8:00	Flow:	Flow:	Flow:						
	21883	ERROR	19952	576	576	576	-.1	.7	✓
8:00	Total:	Total:	Total:						
	49188778	ERROR	82008828						
9:00	Flow:	Flow:	Flow:						
	21971	ERROR	20108	576	576	576	-.1	.7	✓
9:00	Total:	Total:	Total:						
	50426918	ERROR	83211904						
10:00	Flow:	Flow:	Flow:						
	22223	ERROR	20296	576	576	576	.0	.7	✓
10:00	Total:	Total:	Total:						
	51752914	ERROR	84423894						
11:00	Flow:	Flow:	Flow:						
	22424	ERROR	20188	576	576	576	.0	.7	✓
11:00	Total:	Total:	Total:						
	53076018	ERROR	85639508						
11:55	Flow:	Flow:	Flow:						
	22353	ERROR	20189	576	576	576	.0	.7	✓
	Total:	Total:	Total:						
	57297991	ERROR	86731671	60112	60112	60112			

PUMP OPERATOR 11-9-15

Date 11-9-15 Cooper

VERIFIED BY PUMP

COORDINATOR 11-9-15 Date 11-9-15

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET

Month Day Year

Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	RPM East Pump	RPM Center Pump	RPM West Pump	North Canal Level North of 344 St	South Canal Level South of 344 St	System Checks Sat
13:00	Flow:	Flow:	Flow:						
13:00	Total:	Total:	Total:						
14:00	Flow:	Flow:	Flow:						
14:00	Total:	Total:	Total:						
15:00	Flow:	Flow:	Flow:						
15:00	Total:	Total:	Total:						
16:00	Flow:	Flow:	Flow:						
16:00	Total:	Total:	Total:						
17:00	Flow:	Flow:	Flow:						
17:00	Total:	Total:	Total:						
18:00	Flow:	Flow:	Flow:						
18:00	Total:	Total:	Total:						
19:00	Flow:	Flow:	Flow:						
19:00	Total:	Total:	Total:						
20:00	Flow:	Flow:	Flow:						
20:00	Total:	Total:	Total:						
21:00	Flow:	Flow:	Flow:						
21:00	Total:	Total:	Total:						
22:00	Flow:	Flow:	Flow:						
22:00	Total:	Total:	Total:						
23:00	Flow:	Flow:	Flow:						
23:00	Total:	Total:	Total:						
24:00	Flow:	Flow:	Flow:						
24:00	Total:	Total:	Total:						

 PUMP
OPERATOR _____

 VERIFIED BY PUMP
COORDINATOR _____

Date _____

Kyle Carr

ERSCCASH

Rev 8, 10/01/201

SECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

11/9/15

Revision No. 08

Author:

Patricia Ward

Date:

10/1/15

Approved:

Paul Smith

Date:

10/1/15

Revision 7: Added RPM Columns for North and South Pumping Stations in Procedure.

Revision 8: Added requirement for validating CCS level margin prior to starting L31 pumps

South Station

11/8 pump Run

Nan Sweeney - Nights

Eric Cash - Days

Total water Pumped into

CCS: 29,828,136 gals

North: 29,837,301 gals

ELCCASH

Rev 8, 10/01/2015

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

ATTACHMENT 3

11/8 Pump Run

SOUTH PUMP STATION HOURLY LOG SHEET						
Month <u>11</u> Day <u>9</u> Year <u>15</u>						
Time	North Pump (107944)	South Pump (107939)	RPM No. Pump	RPM So. Pump	South Canal Level	System Checks Sat.
00:00	Flow:	Flow:				
00:00	Total:	Total:				
1:00	Flow:	Flow:				
1:00	Total:	Total:				
2:00	Flow:	Flow:				
2:00	Total:	Total:				
3:00	Flow:	Flow:				
3:00	Total:	Total:				
4:00 4:09	Flow: 33892	Flow: 30021			.06	✓
4:00 4:09	Total: 16396896	Total: 60047496			.06	✓
5:00	Flow: 33290	Flow: 31940			.06	✓
5:00	Total: 17085487	Total: 61450614			.06	✓
6:00	Flow: 33602	Flow: 31919	5918	5918	.6	✓
6:00	Total: 199176714	Total: 63452525			.6	
7:00	Flow: 33336	Flow: 31152	5918	5918	.6	✓
7:00	Total: 21934238	Total: 6537537				
8:00	Flow: 34514	Flow: 22050	5918	5918	.6	✓
8:00	Total: 259128251	Total: 67176252				
9:00	Flow: 34175	Flow: 30341	5918	5918	.6	✓
9:00	Total: 260691406	Total: 69011928				
10:00	Flow: 34605	Flow: 31517	5918	5918	.6	✓
10:00	Total: 28069338	Total: 70711631				
11:00	Flow: 34839	Flow: ERROR	5918	5918	.6	✓
11:00	Total: 30237675	Total: 71176812				
12:00	Flow: 34692	Flow: ERROR	5918	5918	.6	✓
12:00	Total: 314810437	Total: 71730699				

PUMP OPERATOR ELCCASH

VERIFIED BY PUMP
COORDINATOR

A. Cooper 11/9/15

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET			Month	Day	Year		
Time	North Pump (107944)	South Pump (107939)	RPM No.Pump	RPM So.Pump	South Canal Level	System Checks Sat	
13:00	Flow:	Flow:					
13:00	Total:	Total:					
14:00	Flow:	Flow:					
14:00	Total:	Total:					
15:00	Flow:	Flow:					
15:00	Total:	Total:					
16:00	Flow:	Flow:					
16:00	Total:	Total:					
17:00	Flow:	Flow:					
17:00	Total:	Total:					
18:00	Flow:	Flow:					
18:00	Total:	Total:					
19:00	Flow:	Flow:					
19:00	Total:	Total:					
20:00	Flow:	Flow:					
20:00	Total:	Total:					
21:00	Flow:	Flow:					
21:00	Total:	Total:					
22:00	Flow:	Flow:					
22:00	Total:	Total:					
23:00	Flow:	Flow:					
23:00	Total:	Total:					
24:00	Flow:	Flow:					
24:00	Total:	Total:					

PUMP OPERATOR _____

Date: _____

VERIFIED BY PUMP
COORDINATOR _____

Date: _____