9/6 Pump Run

ATTACHMENT 1
Pump Coordinator Roles and Responsibilities

Date / Time — EVENT LOG BOOK —

9/06/18:00 We did a pre job brief, checked out both
___/___ pump stations. No power to either one. 4
___/___ EPL T&D trucks on site troubleshooting
___/___ Power line down on evacuation route road.
___/___ Website is down since 17:00 called SFWMD.
___/___ They are emailing discharges.
9/6/21:38 Total Discharge reached 517 ac. ft.
___/___ Couldn't run pump. Waiting for power to be
___/___ restored.
9/06/22:02 Power was restored.
9/06/22:05 started North Pumps. 60Hz
9/06/22:10 started South Pumps 57 Hz
9/06/23:00 North station pumped 3,540,790 gal. 22:05-23:00
9/06/23:00 South station pumped 3,225,250 gal. 22:10-23:00
9/07/00:00 North station pumped 3,919,650 gal.
9/07/00:00 South station pumped 3,937,080 gal.
9/07/0100 South station pumped 3,950,250 gal.
9/07/0100 North station pumped 3,972,120 gal.
9/07/0115 stopped east pump backflushed started to pre-again
9/07/0200 North station pumped, 3,872,070 gal.
9/07/0200 South station pumped 3,927,480 gal.
9/07/0300 South station pumped 3,930,600 gal.
9/07/0300 North station pumped 3,870,000 gal.
9/07/0400 North station pumped 3,887,940 gal
9/07/0400 South station pumped 3,928,260 gal.
9/07/0500 South station pumped 3,933,360 gal.
9/07/0500 North station pumped 3,890,280 gal.
9/07/0600 North Station pumped 3,878,580 gal
9/07/0600 South Station pumped 3,942,570 gal
9/07/0700 South Station pumped 3,943,020 gal
9/07/0700 North Station pumped 3,881,760 gal
9/07/0720 Dialed down South Pumped From 57 Hertz to 56 Hertz
9/07/0800 North Station pumped 3,877,020
9/7/0800 South Station pumped 3,888,960
9/7/0900 South Station Pumped 3,895,440
9/7/0900 North Station Pumped 3,862,350

9/6 Pump Run

ATTACHMENT 1

Pump Coordinator Roles and Responsibilities

Date / Time	EVENT LOG BOOK	Page 2 of 2
9/7 / 09:25	Turned South Pumps From 56 Hertz to 55 Hertz	
9/7 / 1000	North Station Pumped	3,856,800
9/7 / 1000	South Station Pumped	3,941,070
9/7 / 1025	Turned South Pumps to 54 Hertz from 55 Hertz,	
9/7 / 1100	South station Pumped	3,843,600
9/7 / 1100	North Station Pumped	3,848,010
9/7 / 1200	North Station pumped	3,537,325
9/7 / 1200	South Station pumped	3,252,350
/		
/		
/	North Station 9/6 Total	53,695,295
/	South Station 9/6 Total	53,539,290
/		156,005

9/6 Pump Run

SOUTH FLORIDA WATER MANAGEMENT WEBSITE SUMMARY OF DISCHARGES

Month 9 Date 6 Year 15

If Website is down Contract Control Room every 30 mins at 561-682-6116

TIME	S21A	S20F	S20G	TOTAL DAILY DISCHARGE	TIMESTAMP OVER 504	NOTES
12:30	0	0	0	0		
13:45	0	0	0	0		
14:00	2	0	0	2		
14:30	20	20	0	40		
14:45	34	38	0	72		
15:00	34	38	0	72		
15:15	40	46	0	86		
15:30	45	54	0	99		
15:45	45	54	0	99		
16:00	45	54	0	99		
16:15	59	75	7	141		
16:30	59	75	7	141		
16:45	66	87	8	161		
17:00	70	93	8	171		
						Website is
1805				237	via telephone	down SFWMD
19:15				311	via email	has been notified
20:12				404	VIA EMail	
20:23				421		via Email
21:12				494		via EMail
21:38				517	2138 517	via EMail
9/7 1200	359	620	109	1088		

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 05

Author: Nina Sweeney **Date:** 8/7/15

Approved: [signature] **Date:** 8/8/15

9/6 Pump Run North Station

Debbie Cooper
Pixie Ingram

Bryan Ingram

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET Month 9 Day 7 Year 15

Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	North Canal Level North of 344 St	South Canal Level South of 344 St	System Checks Sat
00:00	Flow: 24115	Flow: ERROR	Flow: 19974	.40	.85	✓
00:00	Total: 680983600	Total: ERROR	Total: 70790140			
1:00	Flow: 22516	Flow: ERROR	Flow: 20399	.50	.85	✓
1:00	Total: 69353294	Total: ERROR	Total: 71904042			
2:00	Flow: 22742	Flow: ERROR	Flow: 20014	.60	.85	✓
2:00	Total: 706802380	Total: ERROR	Total: 73118375			
3:00	Flow: 22688	Flow: ERROR	Flow: 20156	.70	.85	✓
3:00	Total: 72035620	Total: ERROR	Total: 74337057			
4:00	Flow: 22806	Flow: ERROR	Flow: 20548	.75	.85	✓
4:00	Total: 73405611	Total: ERROR	Total: 75558918			
5:00	Flow: 22702	Flow: ERROR	Flow: 20220	.75	.85	✓
5:00	Total: 74741122	Total: ERROR	Total: 76758465			
6:00	Flow: 22510	Flow: ERROR	Flow: 20453	.7	.85	✓
6:00	Total: 76049145	Total:	Total: 77935320			
7:00	Flow: 22576	Flow: ERROR	Flow: 20453	.7	.85	✓
7:00	Total: 77389060	Total:	Total: 79143525			
8:00	Flow: 22499	Flow: ERROR	Flow: 20244	.65	.85	✓
8:00	Total: 78741701	Total:	Total: 80363268			
9:00	Flow: 22548	Flow: ERROR	Flow: 20054	.65	.85	✓
9:00	Total: 80079251	Total:	Total: 81563989			
10:00	Flow: 22174	Flow: ERROR	Flow: 20383	.55	.85	✓
10:00	Total: 81417791	Total:	Total: 82776130			
11:00	Flow: 22336	Flow: ERROR	Flow: 19974	.45	.85	✓
11:00	Total 82771619		Total: 83988341			
~~12:00~~ 11:56	Flow: 22888	Flow: ERROR	Flow: 20032	.4	.85	✓
~~12:00~~	Total: 83905759	Total:	Total: 84886701			

PUMP OPERATOR Debbie Cooper Date 9-7-15

VERIFIED BY PUMP COORDINATOR N Sweeney Date: 9/7

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET Month 9 Day 6 Year 15

Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	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:	.45	.80	✓
21:00	Total:	Total:	Total:			
22:00 2205	Flow: 22728	Flow: ERROR	Flow: 19962	.45	.80	✓
22:00	Total: 658880794	Total: ERROR	Total: 68445752			
23:00	Flow: 22964	Flow: ERROR	Flow: 20202	.45	.80	✓
23:00	Total: 666092716	Total: ERROR	Total: 69503165			
24:00	Flow:	Flow:	Flow:			
24:00	Total:	Total:	Total:			

PUMP OPERATOR Cubby Cooper
Date 9-6-15

VERIFIED BY PUMP COORDINATOR N. Sweeney
Date: 9/7

Pump Run 9/6

Kyle Carr 09/06/15

...ON OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 05

...uthor: Nan Sweeney **Date:** 8/7/15

...pproved: [signature] **Date:** 8/8/15

OE's: Kyle Carr
Eric Cash

South Station
9/6 Pump Run

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET	Month 09	Day 07	Year 2015			
Time	North Pump (107944)	South Pump (107939)			South Canal Level	System Checks Sat
00:00	Flow: 34975	Flow: 31351			0.80	✓
00:00	Total: 43887299	Total: 52442150			0.80	✓
1:00	Flow: 33915	Flow: 31434			0.80	✓
100	Total: 45913741	Total: 54325520			0.80	✓
2:00	Flow: 33955	Flow: 31612			0.80	✓
2:00	Total: 47937899	Total: 56219780			0.80	✓
3:00	Flow: 33970	Flow: 31483			0.80	✓
3:00	Total: 49931669	Total: 58103947			0.80	✓
4:00	Flow: 38900	Flow: 31589			0.80	✓
4:00	Total: 51915714	Total: 59973857			0.80	✓
5:00	Flow: 34035	Flow: 31588			0.80	✓
5:00	Total: 53890744	Total: 61861017			0.80	✓
6:00	Flow: 34191	Flow: 31605			.8	✓
6:00	Total: 55927107	Total: 63761330				✓
7:00	Flow: 34197	Flow: 31447			.8	✓
7:00	Total: 58040827	Total: 65702777				✓
8:00	Flow: 33660	Flow: 30333			.8	✓
8:00	Total: 60002226	Total: 67509057				✓
9:00	Flow: 34060	Flow: 31795			.8	✓
9:00	Total: 61995269	Total: 69326426				✓
10:00	Flow: 33532	Flow: 31982			.8	✓
10:00	Total: 64095230	Total: 71315158				✓
11:00	Flow: 32194	Flow: 30412			.8	
11:00	Total: 66094819	Total: 73116830				

PUMP OPERATOR Kyle Carr/ERIC CASH

Date 09/07/15

VERIFIED BY PUMP COORDINATOR Andrew Cooper

Date: 9/7/15

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET Month 9 Day 6 Year 2015

Time	North Pump (107944)	South Pump (107939)	South Canal Level	System Checks Sat
12:00	Flow: 35370	Flow: 32118	.8	✓
12:00	Total: 62410209	Total: 74287027	.83	✓
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~~ 22:10	Flow: 33564	Flow: 30536	0.80	✓
~~22:00~~ 22:10	Total: 40183676	Total: 49226745	0.80	✓
23:00	Flow: 34090	Flow: 30820	0.80	✓
23:00	Total: 41825746	Total: 50547783	0.80	✓
24:00	Flow:	Flow:		
24: 00	Total:	Total:		

PUMP OPERATOR Kyle Curr/ERIC CASH
Date 09/07/15

VERIFIED BY PUMP COORDINATOR ACooper Date: 9/7/15

Run Time 9/7/15 9/7 Pump Run

ATTACHMENT 1
Pump Coordinator Roles and Responsibilities

Date / Time	EVENT LOG BOOK	Page 1 of 2
9/7 /1800	Held pre job brief - Topic - Role & Reponsibilities	
___/___	(cell phone usage). checked out both pump sta-	
___/___	tions. Put up new canopy. Removed grass from	
___/___	west fence line at the North Station. Removed	
___/___	grass & debris from the North & south fence	
___/___	& turbidity curtains at the south station.	
9/7 /2135	Total discharge reached 514 Ac. ft.	
9/07/2137	Started North Station pumps at 21:37 60Hz	
9/07/2142	Started South Stations pumps at 21:42 57Hz	
9/07/2147	Reported Pump status and data to Ray Moore	
9/07/2200	North Station pumped 1,481,913 gal. 21:37 - 22:00	
9/07/2200	South Station pumped 1,164,969 gal. 21:42 - 22:00	
9/07/2300	North Station pumped 3,787,650 gal.	
9/07/2300	South Station pumped 3,882,930 gal.	
9/07/0000	North station pumped 3,829,770 gal.	
9/07/0000	South station pumped 3,887,610 gal.	
9/08/0100	North station pumped 3,849,540 gal.	
9/08/0100	South station pumped 3,903,810 gal	
9/08/0200	south station pumped 3,920,940 gal.	
9/08/0200	North station pumped 3,839,790 gal.	
9/08/0300	North station pumped 3,849,930 gal	
9/08/0300	south station pumped 3,926,760 gal.	
9/08/0300	Instructed Kyle to reduce speed of North pump to 56Hz	
9/08/0400	North Station pumped 3,860,970 gal.	
9/08/0400	South station pumped 3,891,390 gal.	
9/08/0430	Instructed Kyle to reduce speed of south pump to 56Hz	
9/08/0500	North station pumped 3,863,730	
9/08/0500	South station pumped 3,871,200	
9/08/0600	South Station Pumped 3,851,430	
9/08/0600	North Station Pumped 3,864,660	
9/08/0700	North Station Pumped 3,870,780	
9/08/0700	South Station Pumped 3,850,950	
9/08/0800	South Station Pumped 3,861,870	
9/08/0800	North Station Pumped 3,880,980	
9/08/0835	Turned South pump up to 57Hz, North pump	
___/___	was left at 56Hz	

Pump Run 9/7/15

9/7 Pump Run

ATTACHMENT 1
Pump Coordinator Roles and Responsibilities

Date / Time	EVENT LOG BOOK	Page 2 of 2
9/8 / 0900	North station pumped	3,884,430
9/8 / 0900	South Station Pumped	3,909,840
9/8 / 0930	Turned South pump back to 56 Hz.	
9/8 / 1000	South Station Pumped	3,934,170
9/8 / 1000	North Station Pumped	3,902,640
9/8 / 1100	North Station Pumped	3,929,880
9/8 / 1100	South station Pumped	3,929,940
9/8 / 1200	South station Pumped	3,262,575
9/8 / 1200	North station Pumped	3,560,343
___ / ___		
___ / ___		
9/8 / 1200	North station Total pumped	55,257,006 gals
9/8 / 1200	South station Total pumped	55,050,384 gals
___ / ___		
___ / ___		
___ / ___		
___ / ___		
___ / ___		
___ / ___		
___ / ___		
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INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 05

Author: Alan Sweeney **Date:** 8/7/15

Approved: [signature] **Date:** 8/8/15

9/7 Pump Run
North Station

Debbie Cooper - N
Pixie Ingram - D

9/7 Pump Run Bryan Ingram

Rev 5, 8/21/15

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET Month 9 Day 8 Year 15

Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	North Canal Level North of 344 St	South Canal Level South of 344 St	System Checks Sat
00:00	Flow: 22643	Flow: ERROR	Flow: 20003	.50	.90	See Log
00:00	Total: 87102846	Total: ERROR	Total: 89972120			
1:00	Flow: 22433	Flow: ERROR	Flow: 19839	.40	.90	✓
1:00	Total: 88412328	Total: ERROR	Total: 89183054			
2:00	Flow: 22526	Flow: ERROR	Flow: 19795	.40	.90	✓
2:00	Total: 89620994	Total: ERROR	Total: 90322245			
3:00	Flow: 22700	Flow: ERROR	Flow: 19910	.40	.90	✓
3:00	Total: 90984224	Total: ERROR	Total: 91561639			
4:00	Flow: 22737	Flow: ERROR	Flow: 19952	.60	.90	✓
4:00	Total: 92358617	Total: ERROR	Total: 92760968			
5:00	Flow: 22793	Flow: ERROR	Flow: 19909	.70	.90	✓
5:00	Total: 93701739	Total: ERROR	Total: 93946063			
6:00	Flow: 22749	Flow: ERROR	Flow: 19971	.7	.9	✓
6:00	Total: 95068173	Total:	Total: 95145638			
7:00	Flow: 22802	Flow: ERROR	Flow: 20104	.7	.9	✓
7:00	Total: 96455585	Total:	Total: 96366412			
8:00	Flow: 22839	Flow: ERROR	Flow: 20221	.75	.9	✓
8:00	Total: 97759054	Total:	Total: 97512302			
9:00	Flow: 22871	Flow: ERROR	Flow: 20150	.75	.9	✓
9:00	Total: 99073136	Total:	Total: 98660438			
10:00	Flow: 23259	Flow: ERROR	Flow: 20408	.6	.9	✓
10:00	Total: 513064	Total:	Total: 99958869			
11:00	Flow: 23213	Flow: ERROR	Flow: 20715	.5	.9	✓
11:00	Total 1932904		122302			
~~12:00~~ 11:56	Flow: 21933	Flow: ERROR	Flow: 20206	.5	.9	✓
~~12:00~~	Total: 2894867	Total:	Total: 2094505			

PUMP OPERATOR Robert Cooper

Date 9-8-15

VERIFIED BY PUMP COORDINATOR [illegible] Date: 9/8/15

9/7 Pump Run

Rev 5, 8/21/15

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET Month 9 Day 7 Year 15

Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	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:	.65	.90	✓
19:00	Total:	Total:	Total:			
20:00	Flow:	Flow:	Flow:	.70	.90	✓
20:00	Total:	Total:	Total:			
21:00 2137	Flow: 24100	Flow: 21020	Flow: 20120	.70	.90	✓
21:00	Total: 84090731	Total: 16742454	Total: 85173595			
22:00	Flow: 21210	Flow: ERROR	Flow: 20032	.60	.90	✓
22:00	Total: 84555702	Total: ERROR	Total: 85599993			
23:00	Flow: 216669	Flow: ERROR	Flow: 19944	.55	.90	✓
23:00	Total: 85824335	Total: ERROR	Total: 86780650			
24:00	Flow:	Flow:	Flow:			
24:00	Total:	Total:	Total:			

PUMP OPERATOR Debbie Cooper
Date 9-7-15

VERIFIED BY PUMP COORDINATOR Willis Potts
Date: 9/7/15

ERIC CASH

Rev 5, 8/21/15

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 05

Author: Ken Sweeney **Date:** 8/7/15

Approved: [signature] **Date:** 8/8/15

9/7 Pump Run
South Station

Kyle Carr - N
Eric Cash - D

9/7 Pump Run

Rev 5, 8/21/15

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET Month 09 Day 08 Year 2015

Time	North Pump (107944)	South Pump (107939)			South Canal Level	System Checks Sat
00:00	Flow: 34373	Flow: 30532			0.85	✓
00:00	Total: 71759113	Total: 78607653			0.85	✓
1:00	Flow: 34319	Flow: 30903			0.85	✓
100	Total: 73787719	Total: 80435609			0.85	✓
2:00	Flow: 34157	Flow: 31319			0.85	✓
2:00	Total: 75849679	Total: 82308400			0.85	✓
3:00	Flow: 33979	Flow: 31437			0.85	✓
3:00	Total: 77896956	Total: 84184807			0.85	✓
4:00	Flow: 33322	Flow: 31400			0.85	✓
4:00	Total: 79939083	Total: 86089678			0.86	✓
5:00 33484	Flow: ~~79939083~~	Flow: 30744			0.85	✓
5:00	Total: 81919968	Total: 88932295			0.85	✓
6:00	Flow: 33391	Flow: 30761			.85	✓
6:00	Total: 83892213	Total: 89966984				✓
7:00	Flow: 33436	Flow: 30777			.85	✓
7:00	Total: 85909345	Total: 91630063				✓
8:00	Flow: 33623	Flow: 30893			.85	✓
8:00	Total: 87903538	Total: 93457988				✓
9:00	Flow: 33964	Flow: 31848			.85	✓
9:00	Total: 89923981	Total: 95450424				✓
10:00	Flow: 33515	Flow: 31811			.85	✓
10:00	Total: 91966961	Total: 97240431				✓
11:00	Flow: 33697	Flow: 31971			.85	✓
11:00	Total: 93985522	Total: 99199945				✓

PUMP OPERATOR Kyle Carr/ERTG CASP
Date 9/8/15

VERIFIED BY PUMP COORDINATOR N. Sweeny
Date: 9/8/15

9/7 Pump Run

Rev 5, 8/21/15

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET Month 09 Day 07 Year 2015

Time	North Pump (107944)	South Pump (107939)			South Canal Level	System Checks Sat
12:00	Flow: ERROR	Flow: 31326			.85	✓
12:00	Total: 0010	Total: 3867930			.87	✓
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~~ 21:42	Flow: 34321	Flow: 30370			0.85	✓
~~21:00~~ 21:42	Total: 67600259	Total: 74478908			0.85	✓
22:00	Flow: 34471	Flow: 30279			0.85	✓
22:00	Total: 67959866	Total: 75057434			0.85	✓
23:00	Flow: 34379	Flow: 30302			0.85	✓
23:00	Total: 69826373	Total: 76885028			0.85	✓
24:00	Flow:	Flow:				
24: 00	Total:	Total:				

PUMP OPERATOR Kyle Carr/ERIC CAST

Date 09/07/15

VERIFIED BY PUMP COORDINATOR N Guerra / Date: 9/8/15

9/08/15 Run Time

ATTACHMENT 1
Pump Coordinator Roles and Responsibilities

Date / Time	EVENT LOG BOOK	Page 1 of _
9/08/1800	We did a prejob brief, We checked out the	
___/___	pump stations and removed grass and debris	
___/___	from the west fence of the North station,	
___/___	We monitored the website.	
9/8/2357	The total discharge reached 512 ac. ft.	
9/08/2352	started the North pumps. 60Hz	
9/08/2357	started the south pumps 57Hz	
9/08/0000	Notified Ray Moore of pump status + info.	
9/09/0100	South station pumped 4,105,647 gal. 2357 - 0100	
9/09/0100	North station pumped 4,244,118 gal 2352 - 0100	
9/09/0200	North station pumped 3,789,600 gal.	
9/09/0200	South station pumped 3,965,940 gal.	
9/09/0300	South station pumped 3,971,760 gal.	
9/09/0300	instructed Kyle to reduce pump speed to 56 Hz	
9/09/0300	North station pumped 3,817,710 gal.	
9/09/0400	North station pumped 3,826,620 gal.	
9/09/0400	south station pumped 3,872,580 gal.	
9/09/0430	instructed Kyle to reduce pump speed to 55Hz	
9/09/0500	North station pumped 3,817,230 gal.	
9/09/0500	South station pumped 3,830,940 gal.	
9/09/0600	South Station pumped 3,833,160 gal	
9/09/0600	North Station pumped 3,816 960 gal	
9/09/0700	North Station pumped 3,834,660 gal	
9/09/0700	South Station pumped 3,797,160 gal	
9/09/0800	South Station pumped 3,804,420 gal	
9/09/0800	North Station pumped 3,892,020 gal	
X /0700	Increased from 55 Hz to 57 Hz	
9/09/0900	South Station pumped 3,830,400 gal	
9/09/0900	North Station pumped 3835,380 gal	
9/9/1000	North Station pumped 3,850,260 gal	
9/9/1000	South Station pumped 3,918,480 gal	
9/9/1100	South Station pumped 3,969,960 gal	
9/9/1100	North Station pumped 3,808,500 gal	
9/9/1155	North Station Pumped 3,516,975 gal	
9/9/1150	South station pumped 3,990,908 gal	
___/___	North Total! 46,050,033 South - CCS Total: 45,991,355	

Pump Run 9/8/15

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 05

Author: Alan Sweeney **Date:** 8/7/15

Approved: [signature] **Date:** 8/8/15

Operators: Kyle Carr & Andy Cooper

9/8 Pump Run

South Station

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET Month Day Year						
Time	North Pump (107944)	South Pump (107939)			South Canal Level	System Checks Sat
12:00	Flow: Error	Flow: 31956			0.85	✓
12:00	Total:	Total: 22210224			0.85	✓
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~~ 23:59	Flow: 33339	Flow: 31165			0.85	✓
~~23:00~~ 23:59	Total: 92961843	Total: 668666			0.85	✓
24:00	Flow: 33604	Flow: 31380			0.85	✓
24: 00	Total: 93004619	Total: 709723			0.85	✓

PUMP OPERATOR Kyle Carr/A.Cooper
Date 09/08/15 & 09/09/15

VERIFIED BY PUMP COORDINATOR A Cooper Date: 9/9/15

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET Month 09 Day 09 Year 2015

Time	North Pump (107944)	South Pump (107939)			South Canal Level	System Checks Sat
00:00	Flow: 33604	Flow: 31380			0.85	✓
00:00	Total: 93004619	Total: 709723			0.85	✓
1:00	Flow: 33527	Flow: 32307			0.85	✓
100	Total: 94641465	Total: 2804426			0.85	✓
2:00	Flow: 33957	Flow: 32407			0.85	✓
2:00	Total: 96438943	Total: 4488773			0.85	✓
3:00	Flow: 33756	Flow: 32272			0.85	✓
3:00	Total: 98466891	Total: 6408471			0.85	✓
4:00	Flow: 32946	Flow: 31546			0.85	✓
4:00	Total: 429663	Total: 8297462			0.85	✓
5:00	Flow: 32392	Flow: 30814			0.85	✓
5:00	Total: 2382919	Total: 10179595			0.86	✓
AC 0600 9/9 6:00	Flow: 32345	Flow: 30933			0.85	✓
6:00	Total: 4059865	Total: 12027754			0.85	✓
7:00	Flow: 32484	Flow: 30787			0.85	✓
7:00	Total: 5467864	Total: 13832546			0.85	✓
8:00	Flow: 00000 Error	Flow: 31058			0.85	✓
8:00	Total: 6392947	Total: 15540168			0.85	✓
9:00	Flow: 33719	Flow: 30417			0.85	✓
9:00	Total: 6952420	Total: 17199041			0.85	✓
10:00	Flow: Error	Flow: 32761			0.85	✓
10:00	Total:	Total: 19012094			0.85	✓
11:00	Flow: Error	Flow: 32133			0.85	✓
11:00	Total:	Total: 20972976			0.85	✓

PUMP OPERATOR Kyle Carr / A. Cooper
Date 9/8 & 9/9

VERIFIED BY PUMP COORDINATOR A. Cooper
Date: 9/8 & 9/9 Run

Pump Run 9-8-15

Rev 5, 8/21/15

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 05

Author: Alan Sweeney **Date:** 8/7/15

Approved: [signature] **Date:** 8/8/15

Operators - Debbie Cooper & Brian Ingrahm

9/8 Pump Run
North Station

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET Month 9 Day 8 Year 15

Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	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 Z352	Flow:	Flow:	Flow:	.60	.90	✓
23:00	Total:	Total:	Total:			
24:00	Flow:	Flow:	Flow:	.50	.90	✓
24:00	Total:	Total:	Total:			

PUMP OPERATOR Debbie Cooper
Date 9-8-15

VERIFIED BY PUMP COORDINATOR A. Cooper
Date: 9/9/15

Bryan Ingram
9-9-2015

Rev 5, 8/21/15

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET Month 9 Day 9 Year 15

Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	North Canal Level North of 344 St	South Canal Level South of 344 St	System Checks Sat
00:00	Flow: 21084	Flow: 21046	Flow: 19940	.50	.90	✓
00:00	Total: 3328643	Total: 16988359	Total: 2516311			
1:00	Flow: 22088	Flow: 20828	Flow: 19841	.45	.90	✓
1:00	Total: 4555756	Total: 18170602	Total: 3648786			
2:00	Flow: 22193	Flow: 20787	Flow: 20584	.45	.90	✓
2:00	Total: 5904916	Total: 19439037	Total: 4883636			
3:00	Flow: 22350	Flow: 21008	Flow: 20335	.55	.90	✓
3:00	Total: 7231965	Total: 20686245	Total: 6097103			
4:00	Flow: 22474	Flow: 20869	Flow: 20518	.60	.90	✓
4:00	Total: 8578036	Total: 21940264	Total: 7308247			
5:00	Flow: 22448	Flow: 20672	Flow: 20260			
5:00	Total: 9913287	Total: 23182625	Total: 8527162	.70	.90	✓
6:00	Flow: 22828	Flow: 20794	Flow: 20230	.7	.90	✓
6:00	Total: 11203708	Total: 24366809	Total: 9684843			
7:00	Flow: 22962	Flow: 20883	Flow: 20124	.65	.9	✓
7:00	Total: 12569096	Total: 25599848	Total: 10881570			
8:00	Flow: 22195	Flow: 20801	Flow: 20768	.75	.9	✓
8:00	Total: 13959160	Total: 26873448	Total: 12131605			
9:00	Flow: 22592	Flow: 20769	Flow: 20719	.75	.9	✓
9:00	Total: 15337681	Total: 28158811	Total: 13411087			
10:00	Flow: 22782	Flow: 21253	Flow: 20226	.65	.9	✓
10:00	Total: 16659543	Total: 29400571	Total: 14611136			
11:00	Flow: 21608	Flow: 21175	Flow: 19905	.55	.9	✓
11:00	Total: 17901244	30612543	15767116			
~~12:00~~ 1156	Flow: 23146	Flow: 21659	Flow: 20396	.55	.9	✓
~~12:00~~	Total: 18991115	Total: 31663898	Total: 16778521			

BO

PUMP OPERATOR: Debbie Cooper
Date 9-9-15 BO

VERIFIED BY PUMP COORDINATOR A. Cooper Date: 9/9/15

9/9 Pump Run

9/9/15 Run Time

ATTACHMENT 1

Pump Coordinator Roles and Responsibilities

Date / Time — EVENT LOG BOOK — Page 1 of 2

9/09/1800 We did a preJob brief, Inspected both
___/___ stations and monitored the website. The
___/___ website froze at 401 ac. ft. at 22:00, I
___/___ checked the gate website at 2300, It showed
___/___ 2 gates open. Notified SFWMD for verification
___/___ on gates. They were open. I asked for a
___/___ manual calculation of the discharge. Collin
___/___ Notified me via telephone at 00:00 hr. and
___/___ reported we were at 510 ac. ft. I asked for
___/___ email. Went to office, read email from Brian
___/___ web will be corrected shortly ac. ft. was 414
___/___ at 00:54 Total discharge went from 443 to
___/___ 539 ac. ft. Total discharge.
9/10/0058 Started North pumps 60 Hz.
9/10/0103 Started South pumps 56 Hz.
9/10/0200 South station pumped 3,676,328 gal. 0103-0200
9/10/0200 North station pumped 4,001,945 gal. 0058-0200
9/10/0300 South station pumped 3,883,500 gal.
9/10/0300 North station pumped 3,778,590 gal.
9/10/0400 South station pumped 3,873,330 gal.
9/10/0400 North station pumped 3,786,120 gal.
9/10/0500 South station pumped 3,874,080
9/10/0500 North station pumped 3,807,450
9/10/0600 South station pumped 3,903,210
9/10/0600 North Station pumped 3,811,200
9/10/0700 North Station pumped 3,826,320
9/10/0700 South Station pumped 3,870,300
9/10/0800 South Station pumped 3,873,540
9/10/0800 North Station pumped 3841,560
9/10/0900 North Station pumped 3,828,720
9/10/0900 South Station pumped 3,901,980
9/10/1000 South Station pumped 3,931,560
9/10/1000 North Station pumped 3,805,260
9/10/1100 North Station pumped 3787,200
9/10/1100 South Station pumped 3957,840
*/1100 Lowered Hz by 1

9/9 Pump Run

ATTACHMENT 1

Pump Coordinator Roles and Responsibilities

Date / Time | EVENT LOG BOOK | Page 2 of 2

9/10/12:00 North Station pumped 3,531,920
South Station pumped 3086667

Total North pumped 41,806,285
Total South - CCS pump 41,802,605

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 05

Author: Nan Sweeney **Date:** 8/7/15

Approved: [signature] **Date:** 8/8/15

9/9 Pump Run
North Station
Debbie Cooper - N
Nan Sweeney - D

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET Month 9 Day 9 Year 15

Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	North Canal Level North of 344 St	South Canal Level South of 344 St	System Checks Sat
00:00	Flow:	Flow:	Flow:	.55	.90	✓
00:00 0058	Total:	Total:	Total:			
1:00	Flow: 23911	Flow: 21683	Flow: 20341	.40	.90	✓
1:00	Total: 19205451	Total: 31825212	Total: 16975526			
2:00	Flow: 22268	Flow: 20773	Flow: 20119	.45	.90	✓
2:00	Total: 20520228	Total: 33061371	Total: 18165029			
3:00	Flow: 22498	Flow: 20400	Flow: 19895	.50	.85	✓
3:00	Total: 21879096	Total: 34318500	Total: 19372620			
4:00	Flow: 22685	Flow: 20522	Flow: 20204	.60	.85	✓
4:00	Total: 23211081	Total: 35535432	Total: 20557330			
5:00	Flow: 22779	Flow: 20572	Flow: 20137	.65	.85	✓
5:00	Total: 24577970	Total: 36773717	Total: 21775118			
6:00	Flow: 22766	Flow: 20608	Flow: 20176	.65	.85	✓
6:00	Total: 25901936	Total: 37961799	Total: 22928897			
7:00	Flow: 22422	Flow: 20833	Flow: 20737	.70	.85	✓
7:00	Total: 27195879	Total: 39148750	Total: 24078261			
8:00	Flow: 22613	Flow: 21022	Flow: 20423	.70	.85	✓
8:00	Total: 28505627	Total: 40368613	Total: 25254479			
9:00	Flow: 22455	Flow: 20933	Flow: 20177	.75	.85	✓
9:00	Total: 29880572	Total: 41641827	Total: 26491882	↓ .75		
10:00	Flow: 22046	Flow: 20851	Flow: 20378	20378	.85	✓
10:00	Total: 31222400	Total: 42909014	Total: 27821757	27821757		
11:00	Flow: 22134	Flow: 20735	Flow: 20055	.75	.85	✓
11:00	Total: 33360872	Total: 44306124	Total: 28978823			
12:00	Flow: 22230	Flow: ERROR	Flow: 20171			
12:00	Total: 33694271	Total:	Total: 29947725			

PUMP OPERATOR Debbie Cooper Date 9-9-15

VERIFIED BY PUMP COORDINATOR A. Sweeney Date: 9/10

ERIC CASH 9/10/15

Rev 5, 8/21/15

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 05

Author: Nan Sweeney **Date:** 8/7/15

Approved: [signature] **Date:** 8/8/15

9/9 Pump Run
Pump Station
South
Willis Nettles - N
Eric Cash - D

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET Month 9 Day 9 Year 2015

Time	North Pump (107944)	South Pump (107939)			South Canal Level	System Checks Sat
~~00:00~~ 8103	Flow: 33049	Flow: 31143			.8	✓
~~00:00~~ 1103	Total: 83561516	Total: 22497785				
~~1:00~~ 1103	Flow: ~~31443~~ WN	Flow: ~~33049~~ WN			WN .8	WN
~~100~~	Total: ~~22497785~~ WN	Total: ~~83561516~~ WN				
2:00	Flow: 33372	Flow: 31430			.8	✓
2:00	Total: 16089035	Total: 24124767				
3:00	Flow: 33250	Flow: 31398			.8	✓
3:00	Total: 12094375	Total: 26006165				
4:00	Flow: 33135	Flow: 31328			.8	✓
4:00	Total: 14075400	Total: 27888745				
5:00	Flow: 33145	Flow: 31528			.8	✓
5:00	Total: 16069949	Total: 29775950				
6:00	Flow: 33430	Flow: 31404			.8	✓
6:00	Total: 18060908	Total: 31663400				
7:00 EC	Flow: 33006	Flow: 31330			.8	✓
7:00	Total: 19994190	Total: 33527340				
8:00	Flow: 33350	Flow: 31431			.8	✓
8:00	Total: 21988017	Total: 35429147				
9:00	Flow: 33484	Flow: 31401			.8	✓
9:00	Total: 23800250	Total: 37330359				
10:00	Flow: 33744	Flow: 31982			.8	✓
10:00	Total: 25775119	Total: 39202223				
11:00	Flow: 34452	Flow: 31709			.6	✓
11:00	Total: 27850137	Total: 41129986				

PUMP OPERATOR Willie Pettle/ESC CASH

Date 9/9/15

VERIFIED BY PUMP COORDINATOR Willie Pettle

Date: 9/9/15

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET	Month 09	Day 10	Year 2015			
Time	North Pump (107944)	South Pump (107939)			South Canal Level	System Checks Sat
12:00	Flow: 33916	Flow: 3145			.6	✓
12:00	Total: 29212247	Total: 423736391			.8	
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 ERIC CASH
Date 9/10/15

VERIFIED BY PUMP COORDINATOR N. Sweeney Date: 9/10/15

9/10 Pump Run
00:39 - 12:00

9/10 Run Time

ATTACHMENT 1

Pump Coordinator Roles and Responsibilities

Date / Time	EVENT LOG BOOK	Page 1 of
9/10 1800	We did a pregoh brief. We inspected both	
/	pump stations. All sat. still waiting for	
/	safe steps to be installed for crossing the	
/	pipes. Notified Ray Moore at 00:50 of Pump data.	
9/11 0035	Total discharge reached 505 ac. ft.	
9/11 0039	started North pumps 60 Hz	
9/11 0044	started South pumps 55 Hz	
9/11 0100	North station pumped 1,332,817 gal. 0039-0100	
9/11 0100	South station pumped 1,004,656 gal. 0044-0100	
9/11 0200	North station pumped 3,825,270 gal.	
9/11 0200	South station pumped 3,771,390 gal.	
9/11 0300	North station pumped 3,854,910 gal.	
9/11 0300	South station pumped 3,779,010 gal.	
9/11 0400	North station pumped 3,862,410 gal.	
9/11 0400	South station pumped 3,780,990 gal.	
9/11 0400	I instructed Kyle to raise pump speed to 56 Hz	
9/11 0500	North station pumped 3,857,670 gal.	
9/11 0500	South station pumped 3,862,860 gal.	
9/11 0600	South Station Pumped 3,817,800 gal	
9/11 0600	North Station pumped 3,864,060 gal	
9/11 0550	South Pumps turned Hz up to 57 Hz	
9/11 0700	North Station pumped 3,872,880	
9/11 0700	South Station Pumped 3,850,380	
9/11 0800	South Station Pumped 3,844,020	
9/11 0800	North Station Pumped 3,879,900	
9/11 0900	North Station Pumped 3,880,440	
9/11 0900	South Station Pumped 3872,760	
9/11 1000	South Station Pumped 3,961,440	
9/11 1000	North Station Pumped 3,872,280	
9/11 0900	Raise Hz to 58 Hz	
9/11 1100	North Station Pumped 3,859,800	
9/11 1100	South Station Pumped 4,051,620	
9/11 1150	South Station Pumped 3,397,456	
9/11 1155	North Station Pumped 3529075	
/	9/10 Pump Run Totals North: 43,490,612	
/	CCS-South: 42,994,376	

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 05

Author: Nan Sweeney **Date:** 8/7/15

Approved: [signature] **Date:** 8/8/15

9/10 Pump Run
North Station
Willis Nettles - N
Pikie Ingram - D

Bryan Ingram

Rev 5, 8/21/15

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET Month 9 Day 11 Year 2015

Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	North Canal Level North of 344 St	South Canal Level South of 344 St	System Checks Sat.
00:00 ~~0039~~	Flow: 21906	Flow: Error 21,300	Flow: 20317	.6	.8	✓
00:00 0039	Total: 33876820	Total: Error	Total: 32462651			
1:00	Flow: 22103	Flow: 21300	Flow: 20009	.6	.8	✓
1:00	Total: 34328084	Total: Error	Total: 30544054			
2:00	Flow: 22429	Flow: 21300	Flow: 20368	.4	.8	✓
2:00	Total: 35683196	Total: Error	Total: 31771186			
3:00	Flow: 22640	Flow: 21300	Flow: 20460	.5	.8	✓
3:00	Total: 37024580	Total: Error	Total: 32982618			
4:00	Flow: 22544	Flow: 21300	Flow: 20503	.55	.8	✓
4:00	Total: 38376798	Total: Error	Total: 34198887			
5:00	Flow: 22707	Flow:	Flow: 20235	.6	.8	✓
5:00	Total: 39229664	Total:	Total: 35412677			
6:00	Flow: 22701	Flow: Error	Flow: 20373	.65	.8	✓
6:00	Total: 41004134	Total:	Total: 36579160			
7:00	Flow: 22680	Flow: Error	Flow: 20740	.7	.8	✓
7:00	Total: 42367649	Total:	Total: 37809347			
8:00	Flow: 22714	Flow: Error	Flow: 20596	.7	.8	✓
8:00	Total: 43711802	Total:	Total: 39022163			
9:00	Flow: 22842	Flow: Error	Flow: 20595	.7	.8	✓
9:00	Total: 45058094	Total:	Total: 40239766			
10:00	Flow: 22516	Flow: Error	Flow: 20512	.7	.8	✓
10:00	Total: 46452000	Total:	Total: 41499141			
11:00	Flow: 22335	Flow: Error	Flow: 20695	.7	.8	✓
11:00	Total: 47769321		Total: 42708792			
~~1200~~ 11:55	Flow: 22589	Flow: Error	Flow: 20110	.8	.8	✓
~~1200~~	Total: 48966027	Total:	Total: 43807630			

PUMP OPERATOR Bryan Ingram Date 9/11/15

VERIFIED BY PUMP COORDINATOR M. Sweeney Date 9/11

Kyle Carr 09/10/15

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 05

Author: Nan Sweeney **Date:** 8/7/15

Approved: [signature] **Date:** 8/8/15

9/10 Pump Run
South Station
Kyle Carr
Brad Pomegalek

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET Month 9 Day 10 Year 2015 shift

Time	North Pump (107944)	South Pump (107939)			South Canal Level	System Checks Sat
~~00:00~~ 00:44	Flow: 31794	Flow: 31035			0.80	✓
~~00:00~~ 00:44	Total: 29521105	Total: 42632522			0.80	✓
1:00	Flow: 31857	Flow: 30901			0.80	✓
100	Total: 29965813	Total: 43066989			0.80	✓
2:00	Flow: 32089	Flow: 30866			0.80	✓
2:00	Total: 31909693	Total: 44930848			0.80	✓
3:00	Flow: 32136	Flow: 30876			0.80	✓
3:00	Total: 33827095	Total: 46769761			0.80	✓
4:00	Flow: 32194	Flow: 30824			0.80	✓
4:00	Total: 35775762	Total: 48642994			0.80	✓
5:00	Flow: 32921	Flow: 31460			0.80	✓
5:00	Total: 37703950	Total: 50488713			0.80	✓
6:00	Flow: 32141	Flow: 32098			0.80	✓
6:00	Total: 39655516	Total: 53479066			0.80	✓
7:00	Flow: ~~error~~ 32141	Flow: 31966			0.80	✓
7:00	Total: 41402955	Total: 54256923			0.80	✓
8:00	Flow: error 32141	Flow: 31886			0.80	✓
8:00	Total: 42907339	Total: 56073134			0.80	✓
9:00	Flow: 33764	Flow: 31300			0.80	✓
9:00	Total: 44294985	Total: 57933063			0.80	✓
10:00	Flow: 35016	Flow: 31968			0.80	✓
10:00	Total: 46091124	Total: 59639011			0.80	✓
11:00	Flow: error 35016	Flow: 33054			0.80	✓
11:00	Total: error	Total: 61532737			0.80	✓

PUMP OPERATOR Kyle Corr
Date 09/11/15

Page 23 of 25

VERIFIED BY PUMP COORDINATOR N. Sweeney
Date: 9/11

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET Month Day Year						
Time	North Pump (107944)	South Pump (107939)			South Canal Level	System Checks Sat
12:00	Flow: Error	Flow: 32812			0.80	✓
12:00	Total: error	Total: 62564973			0.80	✓
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 Brad Ponegalek
Date 9/11

VERIFIED BY PUMP COORDINATOR N Sweeny Date: 9/11

9/11 Pump Run

ATTACHMENT 1
Pump Coordinator Roles and Responsibilities

Date / Time	EVENT LOG BOOK	Page 1 of
9/11/1800	Pre-Job brief with All-Webb. Inspected L-31	
/	North & South. Removed Grass From L-31 North	
/	west side Fence.	
9/12/0100	Circle slashed Pump paperwork and manned	
/	Pump stations. water Level @ 425 Acre Foot.	
9/12/0251	504 Acre Foot Reached and started L-31 North Pumps	
9/12/0256	started L-31 South Pumps	
9/12/0300	Called Ray Moore & SFWMD and notified Pumps on.	
9/12/0400	North Station Pumped	4,417,381 gals
9/12/0400	South Station Pumped	4,160,096 gals –
9/12/0500	South Station Pumped	3,929,970 gals –
9/12/0500	North Station Pumped	3,817,560 gals –
9/12/0600	North Station Pumped	3,827,910 gals –
9/12/0600	South Station Pumped	3,932,400 gals –
9/12/0700	North Station Pumped	3,827,490 gals –
9/12/0700	South Station Pumped	3,870,090 gals –
9/12/0800	North Station Pumped	3,834,360 gals
9/12/0800	South Station Pumped	3,792,090 gals
9/12/0900	North Station Pumped	3,839,030 gals
9/12/0900	South Station Pumped	3,804,060 gals
9/12/1000	North Station Pumped	3,825,570 gals
9/12/1000	South Station Pumped	3,902,790 gals
9/12/1100	North Station Pumped	3,825,210 gals
9/12/1100	South Station Pumped	3,949,170 gals
~~9/12/1155~~	~~North Station Pumped~~	~~3,360,026 gals~~
/		
9/12/1155	North Station Pumped	3,510,814
9/12/1150	South Station Pumped	3,230,800
/		
/		
/		
9/12/	Total North Station Pumped	34,720,325
/		
9/12/	Total South station Pumped	34,571,466
/		
/		

Kyle Carr
Eric Cash

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 05

Author: Mary Sweeney **Date:** 8/7/15

Approved: [signature] **Date:** 8/8/15

Kyle Carr N
Eric Cash D

9-11 Pump Run.

L-31 South

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET Month 09 Day 12 Year 2015

Time	North Pump (107944)	South Pump (107939)			South Canal Level	System Checks Sat
00:00	Flow:	Flow:				
00:00	Total:	Total:				
1:00	Flow:	Flow:				
100	Total:	Total:				
~~2:00~~ 2:56	Flow: 33514	Flow: 30924			0.80	✓
~~2:00~~ 2:66	Total: 476079 91	Total: 62708412			0.80	✓
3:00	Flow: 33788	Flow: 30646			0.80	✓
3:00	Total: 47635522	Total: 62730789			0.80	✓
4:00	Flow: 33917	Flow: 31648			0.80	✓
4:00	Total: 49658343	Total: 64580920			0.80	✓
5:00	Flow: 33771	Flow: 31663			0.80	✓
5:00	Total: 51708848	Total: 66481115			0.80	✓
6:00	Flow: 34037	Flow: 31609			0.80	✓
6:00	Total: 53765415	Total: 68392940			0.80	✓
7:00	Flow: 33940	Flow: 31748			.8	✓
7:00	Total: 55751587	Total: 70266128				
8:00	Flow: 33151	Flow: 29895			.6	✓
8:00	Total: 57785276	Total: 72160011				
9:00	Flow: 33754	Flow: 29995			.8	✓
9:00	Total: 59760776	Total: 73662043				
10:00	Flow: 34606	Flow: 31734			.8	✓
10:00	Total: 61803471	Total: 75689646				
11:00	Flow: 34042	Flow: 31857			.6	✓
11:00	Total: 63848364	Total: 77562557				

EC

PUMP OPERATOR KYLE CARR/EXCASH
Date 9/12/15

Page 23 of 25

VERIFIED BY PUMP COORDINATOR _____
Date: _____

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET Month 09 Day 12 Year 2015

Time	North Pump (107944)	South Pump (107939)			South Canal Level	System Checks Sat
~~12:00~~ 1145	Flow: 33440	Flow: 30453			.8	✓
~~12:00~~ 1145	Total: 65246843	Total: 70035211			.82	
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 ELSCASH
Date 9/12/15

VERIFIED BY PUMP COORDINATOR _____ Date: ____

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 05

Author: Nan Sweeney **Date:** 8/7/15

Approved: [signature] **Date:** 8/8/15

Deb Cooper N
Bryan Ingram D

9-11 - Pump Run

L-31 North

Bryan Ingram

Rev 5, 8/21/15

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET Month 9 Day 12 Year 15

Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	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:	.55	.85	✓
1:00	Total:	Total:	Total:			
2:00	Flow:	Flow:	Flow:	.50	.85	✓
2:00	Total:	Total:	Total:			
3:00 0251	Flow: 23424	Flow: ERROR	Flow: 19974	.40	.85	✓
3:00	Total: 49132309	Total: ERROR	Total: 43925703			
4:00	Flow: 22509	Flow: ERROR	Flow: 19933	.45	.80	✓
4:00	Total: 50609073	Total: ERROR	Total: 45255378			
5:00	Flow: 22511	Flow: ERROR	Flow: 20099	.55	.80	✓
5:00	Total: 51941665	Total: ERROR	Total: 46436789			
6:00	Flow: 22714	Flow: ERROR	Flow: 20073	.6	.8	✓
6:00	Total: 53287857	Total:	Total: 47635342			
7:00	Flow: 22754	Flow: ERROR	Flow: 20025	.6	.8	✓
7:00	Total: 54630919	Total:	Total: 48824820			
8:00	Flow: 22865	Flow: ERROR	Flow: 20028	.65	.8	✓
8:00	Total: 55949985	Total:	Total: 49990137			
9:00	Flow: 22558	Flow: ERROR	Flow: 20150	.65	.8	✓
9:00	Total: 57342496	Total:	Total: 51215040			
10:00	Flow: 22666	Flow: ERROR	Flow: 19945	.7	.8	✓
10:00	Total: 58682488	Total:	Total: 52422749			
11:00	Flow: 22544	Flow: ERROR	Flow: 20152	.7	.8	✓
11:00	Total 60015388		53622422			
~~12:00~~ 11:53	Flow: 22801	Flow: ERROR	Flow: 19969	.7	.8	✓
~~12:00~~	Total: 61195727	Total:	Total: 54661669			

PUMP OPERATOR Rebecca Cooper Date 09-12-15

VERIFIED BY PUMP COORDINATOR A. Cooper Date 9/12/15

Pump Run 9/12

Pump Run date

ATTACHMENT 1
Pump Coordinator Roles and Responsibilities

EVENT LOG BOOK

Date / Time		
9/12/1800	Pre-Job brief with All-Webb, Inspected North & South Pumps, Removed grass from west side of Fence.	
9/12/0352	Reached 504 Acre Feet, Started North Pumps	
9/12/0357	Started South Pumps	
9/12/0400	Called SFWMD & Ray Moore	
9/12/0500	North Station Pumped	4,347,784 gals
9/12/0500	South Station Pumped	4,074,777 gals
9/12/0600	South Station pumped	4,888,320 gals
9/12/0600	North Station Pumped	3,817,980 gals
9/12/0700	North Station Pumped	3,818,700
9/12/0700	South Station Pumped	3,935,040
9/12/0800	South Station Pumped	3907740
9/12/0800	North Station Pumped	3,831,720
/0900	North Station Pumped	3833,700
/0900	South Station pumped	3,591,300
0900/0900	South Station pumped	3,988,320
0900+1000	North Station pumped	3,826,980
/11:00	North Station pumped	3,817,140
/11:00	South Station pumped	4,020,480
/11:38	South Station pumped	2,424,894
/11:55	North Station pumped	3,565,856
/		
/		
/	Total 9/12 Pump Run	
/		
/	North: 30,859,856	
/	CCS-South: 30,830,871	
/		
/		
/		
/		
/		
/		
/		
/		
/		

9-12-15 - 9-13-15

Rev 5, 8/21/15

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 05

Author: Nan Sweeney **Date:** 8/7/15

Approved: [signature] **Date:** 8/8/15

North Station
9/12 Pump Run
Debbie Cooper - N
Pixie Ingram - D

Bryan Ingram

Rev 5, 8/21/15

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET Month 9 Day 13 Year 15

Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	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:	.55	.80	✓
2:00	Total:	Total:	Total:			
3:00	Flow:	Flow:	Flow:	.45	.900	✓
3:00	Total:	Total:	Total:			
4:00 0352	Flow: 22989	Flow: ERROR	Flow: 19965	.35	.80	✓
4:00	Total: 61312962	Total: ERROR	Total: 54802436			
5:00	Flow: 22469	Flow: ERROR	Flow: 20253	.50	.80	✓
5:00	Total: 62771251	Total: ERROR	Total: 56113953			
6:00	Flow: 22675	Flow: ERROR	Flow: 19868	.5	.8	✓
6:00	Total: 64109970	Total:	Total: 57314960			
7:00	Flow: 22802	Flow: ERROR	Flow: 19945	.6	.8	✓
7:00	Total: 65577577	Total:	Total: 58611453			
8:00	Flow: 22845	Flow: ERROR	Flow: 20110	.6	.8	✓
8:00	Total: 66805297	Total:	Total: 59701766			
9:00	Flow: 22892	Flow: ERROR	Flow: 19941	.6	.8	✓
9:00	Total: 68170016	Total:	Total: 60908025			
10:00	Flow: 22714	Flow: ERROR	Flow: 20459	.65	.8	✓
10:00	Total: 69495641	Total:	Total: 62099425			
11:00	Flow: 22170	Flow: ERROR	Flow: 20334	.65	.8	✓
11:00	Total 70817788		Total: 63279274			
~~12:00~~ 11:55	Flow: 22643	Flow: ERROR	Flow: 20004			
~~12:00~~	Total: 72005731	Total:	Total: 64340730			

PUMP OPERATOR Debbie Cooper Date 9-13-15

VERIFIED BY PUMP COORDINATOR H. Cooper Date: 9/13/15

ERIC CASH 9/13/15 Kyle Carr 09/12/15

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 05

Author: Alan Sweeney **Date:** 8/7/15

Approved: [signature] **Date:** 8/8/15

South Station
9/12/15 Pump Run

Kyle Carr - N
Eric Cash - D

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET Month 09 Day 13 Year 2015

Time	North Pump (107944)	South Pump (107939)	South Canal Level	System Checks Sat
00:00	Flow:	Flow:		
00:00	Total:	Total:		
1:00	Flow:	Flow:		
100	Total:	Total:		
2:00	Flow:	Flow:		
2:00	Total:	Total:		
~~3:00~~ 3:57	Flow: 32843	Flow: 30882	0.75	✓
~~3:00~~ 3:57	Total: 65476962	Total: 79034134	0.75	✓
4:00	Flow: 33101	Flow: 30782	0.75	✓
4:00	Total: 65500903	Total: 79053253	0.75	✓
5:00	Flow: 33891	Flow: 31742	0.75	✓
5:00	Total: 67479833	Total: 80916265	0.75	✓
6:00	Flow: 33824	Flow: 31743	.75	✓
6:00	Total: 69427747	Total: 82820465		
7:00	Flow: 33822	Flow: 31778	.75	✓
7:00	Total: 71423314	Total: 84705866		
8:00	Flow: 33863	Flow: 30773	.75	✓
8:00	Total: 73415686	Total: 86615458		
9:00	Flow: 34120	Flow: 30992	.75	✓
9:00	Total: 75446597	Total: 88646673		
10:00	Flow: 35179	Flow: 32652	.75	✓
10:00	Total: 77534099	Total: 90568397		
11:00	Flow: 34871	Flow: 31314	.75	✓
11:00	Total: 79676914	Total: 92520345		

PUMP OPERATOR Kyle Carr/ERG CASH

Date 09/12/15

VERIFIED BY PUMP COORDINATOR N. Sweeney

Date: 9/13

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET Month 09 Day 13 Year 2015

Time	North Pump (107944)	South Pump (107939)			South Canal Level	System Checks Sat
12:00	Flow: 31957	Flow: 294484			.75	
12:00	Total: 201001542	Total: 93557051			.78	
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 ERIC CASH

Date

VERIFIED BY PUMP COORDINATOR N. Sweeney Date: 9/13

9/13/15 Pump Run

ATTACHMENT 1
Pump Coordinator Roles and Responsibilities

Date / Time	EVENT LOG BOOK		Page 1 of
9/13 / 1800	Pre-Job Brief with All-Webb, Inspected L-31 North &		
___ / ___	South, removed grass.		
9/14 / 0422	Reached 504 started Pumps North		
9/14 / 0427	Started South Pumps		
9/14 / 0500	North Station pumped	2454135	
9/14 / 0500	South Station pumped	2164272	
___ / 0600	South Station pumped	4,015,680	4,015,680
___ / 0600	North Station pumped	4820620	
___ / 0700	North Station pumped	3843120	
___ / 0700	South Station pumped	4068120	
9/14 / 0645	Increades Hz on South Station from 57 Hz to 58 Hz		
___ / 0800	South Station pumped	4,083,480	
___ / 0800	North Station pumped	3,848,340	
___ / 0900	North Station pumped	3,849,840	
___ / 0900	South Station pumped	4,070,280	
___ / 1000	South Station pumped	4131300	
___ / 1000	North Station pumped	3,854,940	
___ / 1100	North Station pumped	3848580	
___ / 1100	South Station pumped	4064820	
___ / 1150	South Station pumped	3,294,250	
___ / 1155	North Station pumped	3,533,365	
___ / ___			
___ / ___			
___ / ___	Total pumped		
___ / ___			
___ / ___	North 30,052,940		
___ / ___	South 29,892,202		
___ / ___			
___ / ___			
___ / ___			
___ / ___			
___ / ___			
___ / ___			
___ / ___			
___ / ___			

9-13-15 - 9-14-15

Rev 5, 8/21/15

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 05

Author: Nan Sweeney **Date:** 8/7/15

Approved: [signature] **Date:** 8/8/15

9/13 Pump Run
North Station
Debbie Cooper - N
Pikie Ingram - D

30,052,940

Bryan Ingram

Rev 5, 8/21/15

ATTACHMENT 2

NORTH PUMPING STATION HOURLY LOG SHEET Month 9 Day 14 Year 15

Time	East Pump (107942)#3	Center Pump (107941)#2	West Pump (107940)#1	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:	.55	.80	✓
3:00	Total:	Total:	Total:			
4:00 0422	Flow: 23841	Flow: ERROR	Flow: 20740	.50	.80	✓
4:00	Total: 72148297	Total: ERROR	Total: 64451427			
5:00	Flow: 21783	Flow: ERROR	Flow: 20592	.45	.80	✓
5:00	Total: 72916002	Total: ERROR	Total: 65189718			
6:00	Flow: 22068	Flow: ERROR	Flow: 20709	.5	.8	✓
6:00	Total: 74175346	Total:	Total: 66408160			
7:00	Flow: 22291	Flow: ERROR	Flow: 20835	.55	.8	✓
7:00	Total: 75512448	Total:	Total: 67680147			
8:00	Flow: 22192	Flow: ERROR	Flow: 20758	.6	.8	✓
8:00	Total: 76819948	Total:	Total: 68917151			
9:00	Flow: 22423	Flow: ERROR	Flow: 20754	.65	.8	✓
9:00	Total: 78155718	Total:	Total: 70172118			
10:00	Flow: 22296	Flow: ERROR	Flow: 20813	.65	.8	✓
10:00	Total: 79478771	Total:	Total: 71411372			
11:00	Flow: 22359	Flow: ERROR	Flow: 20517	.65	.8	✓
11:00	Total 80794673		72631125			
~~12:00~~ 11:55	Flow: 22576	Flow: ERROR	Flow: 20831	.65	.8	✓
~~12:00~~	Total: 82011509	Total:	Total: 73675216			

BD

PUMP OPERATOR Kebby Cooper
Date 9-14-15 BD

VERIFIED BY PUMP COORDINATOR A. Cooper Date: 9/14/15

ERIC CASH Pump Run 9/13

Rev 5, 8/21/15

INJECTION OF L31 CANAL WATER INTO THE CANAL COOLING SYSTEM PROCEDURE

Revision No. 05

Author: Alan Sweeney **Date:** 8/7/15

Approved: [signature] **Date:** 8/8/15

9/13 Pump Run
South Station
Kyle Carr - N (OFF) Andy Cooper
Eric Cash - D

29,892,202

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET Month 9 Day 14 Year 15

Time	North Pump (107944)	South Pump (107939)			South Canal Level	System Checks Sat
00:00	Flow:	Flow:				
00:00	Total:	Total:				
1:00	Flow:	Flow:				
100	Total:	Total:				
2:00	Flow:	Flow:				
2:00	Total:	Total:				
3:00	Flow:	Flow:				
3:00	Total:	Total:				
~~4:00~~ 4:27	Flow: 34077	Flow: 31298			.80	✓
~~4:00~~ 4:27	Total: 81111112	Total: 93632956			.80	✓
5:00	Flow: 34181	Flow: 31612			.80	✓
5:00	Total: 82140378	Total: 94573813			.80	✓
6:00	Flow: 34163	Flow: 31899			.8	✓
6:00	Total: 82222255	Total: 94605743				
7:00	Flow: 34877	Flow: 32662			.78	✓
7:00	Total: 82257558	Total: 94627048				
8:00	Flow: 34904	Flow: 32672			.78	✓
8:00	Total: 82292462	Total: 94659717				
9:00	Flow: 34164	Flow: 31936			.78	✓
9:00	Total: 82326626	Total: 94691653				
10:00	Flow: 34262	Flow: 33445			.78	✓
10:00	Total: 82360888	Total: 94725098				
11:00	Flow: 34311	Flow: 31492			.78	✓
11:00	Total: 82395199	Total: 94756590				

PUMP OPERATOR Andrea Cooper ERICCASH
Date 9/14/15

VERIFIED BY PUMP COORDINATOR N. Sweeney
Date: 9/14/15

ATTACHMENT 3

SOUTH PUMP STATION HOURLY LOG SHEET Month 9 Day 13 Year 15

Time	North Pump (107944)	South Pump (107939)	South Canal Level	System Checks Sat
12:00	Flow: 34420	Flow: 31545	.78	
12:00	Total: 9164391452	Total: 7558251	.8	
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:	.80	✓
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 Andrew Cooper ERSCOA
Date 9/15/15

VERIFIED BY PUMP COORDINATOR N. Sweeney Date: 9/14/15