CAUSE NO. 1123430

VICENTE MEDINA, ASHLEY MEDINA and ARIS ANTONIOU	§	**COUNTY CIVIL COURT**
	§	
	§	**AT LAW NUMBER 1**
v.	§	
	§	
SAN JACINTO RIVER AUTHORITY	§	**HARRIS COUNTY, TEXAS**

AFFIDAVIT OF CHARLES GILMAN, JR.

STATE OF TEXAS

COUNTY OF MONTGOMERY

BEFORE ME, the undersigned authority, on this day personally appeared Charles Gilman, Jr. who, after being sworn, did, under oath, state:

1. "My name is Charles Gilman, Jr. I am over twenty-one years of age and of sound mind, competent, and capable of making this affidavit. I am authorized to make this affidavit on behalf of the San Jacinto River Authority based on my position as Director of Water Resources and Flood Management and based on being designated as representative of SJRA in this matter on issues related to SJRA's Gate Operations Policy and the operation of Lake Conroe Dam. The information contained in this affidavit is true and correct and is within my personal knowledge based on my position and job responsibilities at SJRA, including my review of SJRA business records, including SJRA's Gate Operations Policy, records and data relating to Hurricane Harvey, SJRA's actions related to that event, including SJRA's dam operations during same, and my review and knowledge of additional relevant information necessary to make the statements contained in this Affidavit.

2. "I have a Bachelor of Science in Civil Engineering from Texas A&M University and over 20 years of experience. I am a licensed Professional Engineer. In April 2018, I joined SJRA as the Director of Flood Management. In December 2018, I assumed additional responsibility for SJRA's raw water resources. I have direct supervision over the Flood Management, Highlands, and Lake Conroe Divisions. I oversee more than 20 employees.

3. "SJRA is a conservation and reclamation district, a governmental agency, and a political subdivision of the State of Texas created in 1937 by special act of the Texas Legislature under the authority of Article XVI, Section 59, of the Texas Constitution. The Legislature created SJRA with the power to take all necessary action "in the control, storing, preservation, and distribution to all useful purposes of the storm and flood waters of the San Jacinto River and its tributary streams[.]" Tex. H.B. 832, 45th Leg., R.S. (1937) (compiled as Vernon's Annotated Texas Civil Statutes, Article 8280-121). SJRA is not a flood control entity.

EXHIBIT B

4. "Lake Conroe is a man-made reservoir in Conroe, Texas, constructed by damming the West Fork San Jacinto River. See History of Lake Conroe, attached hereto as Exhibit 1, available at http://www.sjra.net/lakeconroe/history/. The Lake was created for the express purpose of creating a regional water source to provide raw water for the City of Houston and Harris and Montgomery Counties. *See id.*

5. "Lake Conroe spans an area of approximately 21,000-acres and extends about 21 miles from the Dam to the upper reaches of the West Fork of the San Jacinto River. See id.

6. "Lake Conroe is designed to be a water-supply reservoir, and not a flood-control facility. As a result, the maximum pool level that the Lake can contain (i.e., 207 feet above mean sea level ("msl")) is not significantly higher than the Lake's normal pool level of 201 feet above mean sea level.

7. "SJRA's "Permit to Appropriate Public Waters of the State of Texas," attached as Exhibit 2, initially allowed SJRA to impound 380,430 acre-feet of water in Lake Conroe..

8. "SJRA is now permitted to impound 430,260 acre-feet of water, which corresponds to a normal pool elevation of 201 feet above msl. See Certificate of Adjudication 10-4963, as amended, from the Texas Water Commission (the predecessor agency to the Texas Commission on Environmental Quality), attached hereto as Exhibit 3.

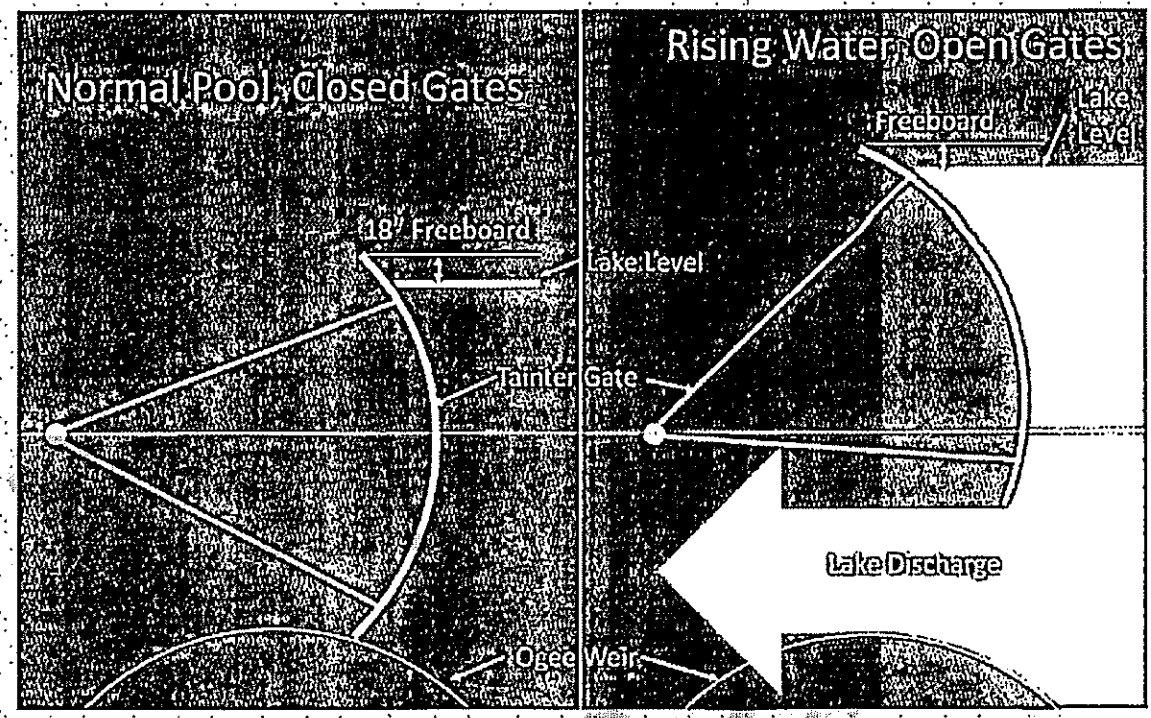
9. "Under the Permit, SJRA is required to release water through the Lake Conroe Dam if the lake level rises above 201 feet above msl.

10. SJRA has a flowage easement around the lake that allows it to temporarily store water in the Lake Conroe reservoir up to a lake level of 207 feet above msl. However, in accordance with its Permit, SJRA cannot impound excess water behind the Dam over and above its authorized storage as established in the Permit (430,260 acre-feet).

11. "Water released from Lake Conroe flows through five tainter gates, each measuring 40 feet wide by 30 feet tall, in the earthen embankment that makes up the Dam and directly into the West Fork of the San Jacinto River. The spillway is 232 feet long, including four eight-foot wide piers.

12. "After water is released through the Lake Conroe Dam directly into the West Fork San Jacinto River, it flows downstream towards Lake Houston, approximately 50 river miles downstream. See Exhibits 4 and 5. Prior to reaching Lake Houston, several tributaries flow into the West Fork of the San Jacinto River. About 12 miles downstream, Lake Creek merges with the West Fork San Jacinto River. Another 29 miles downstream, Spring Creek, which at that point has already merged with Cypress Creek, flows into the West Fork San Jacinto River. The West Fork and East Fork San Jacinto River converge with Caney Creek and Peach Creek at Lake Houston.

13. "Tainter gates are shaped like a slice of pie, with the rounded "crust" end facing upstream into the lake. Each tainter gate is opened by raising it and allowing water out through the bottom. The operation of the tainter gates is accurately reflected in the diagram below, which SJRA created as part of the presentation attached hereto as Exhibit 6:



14. "When closed, the gates have a top elevation of 202.20 feet (NGVD 29). If the surface level of the lake rises above 202.20 feet and the dam gates have not been raised/opened to release water from the bottom, water would spill uncontrolled over the gates. That means that the flow from the lake will not just be released downstream, but it will also be released in an uncontrolled manner and at an uncontrolled rate that could jeopardize the structural integrity of the gates, possibly resulting in a catastrophic failure.

15. "SJRA's goals when releasing water from Lake Conroe have always been to reduce flow in the river, pass floodwaters through the Dam safely, provide water to downstream customers, and protect the structural integrity of the Dam's earthen embankment and gates.

16. "To that end, in 2010, SJRA hired Freese and Nichols, Inc. to create a Gate Operations Policy that would accurately calculate how much water SJRA should release through the gates at the Lake Conroe Dam based on inflows into the Lake and the lake level. The Gate Operations Policy was created with the same goals in mind: to reduce flow in the river, pass floodwaters through the gates at the Dam safely, provide water to downstream customers and protect the structural integrity of the Dam's earthen embankment and gates.

17. "Additionally, the Gate Operations Policy was specifically designed to ensure SJRA's releases of water through the Lake Conroe Dam did not run afoul of controlling legal authority on takings. Specifically, SJRA instructed Freese and Nichols to develop the Gate Operations Policy so that, when releasing water, the peak outflow through the gates at the Dam never exceeded peak inflow into the reservoir over the course of an event. These instructions were in accordance with what SJRA understood to be the Court's ruling in *Wickham v. San Jacinto River Authority* — a case stemming from a 1994 flooding event — that there can be no taking, as a matter of law, where peak outflow never exceeds peak inflow.

18. "As such, the Gate Operations Policy is programmed so that even in the most extreme situations, peak outflow will never exceed 70% of inflow.

19. "Freese and Nichols updated the Gate Operations Policy in April 2017 to make the program more useful and efficient for the Dam operators, while maintaining the core goals discussed above.

20. "As Hurricane Harvey approached southeast Texas, SJRA was monitoring the inflows into Lake Conroe and lake levels in order to determine if, when, and to what extent to begin releasing water from the Lake Conroe Dam in accordance with the Gate Operations Plan prepared by Freese and Nichols.

21. "During Hurricane Harvey, SJRA released water through the Lake Conroe Dam in amounts equal-to or less-than those set forth in the Gate Operations Policy, which calculated the amount by which Dam operators were to open the Dam gates based on inflow into Lake Conroe and the lake level. SJRA held significant inflows in the reservoir, but as more water flowed into the Lake and the lake level rose, SJRA increased the gate openings in order to continue protecting the structural integrity of the gates and earthen Dam.

22. "Over the course of the storm event, outflow through the tainter gates never exceeded peak inflow into the reservoir. Peak inflow was calculated to be 129,065 cubic feet per second. Peak outflow was measured to be 79,141 cubic feet per second. *See* Exhibit 7.

23. "Following Hurricane Harvey, SJRA created the map attached as Exhibit 8, which contains information regarding rainfall across the Lake Conroe Watershed and peak river flow data for the tributaries in the watershed. This data was gathered from public sources: the river flow data came from the United States Geological Survey's river gages, *see* Exhibits 9-13, and the rainfall data came from the Harris County Flood Warning System and SJRA's public rain gauges."

Charles R. Gilman Jr.

CHARLES GILMAN, JR.

Sworn to and subscribed before me on this 31st day of July, 2019.

Nora S. Salling

NOTARY PUBLIC

NORA S. SALLING
My Notary ID # 130176021
Expires April 1, 2023

Harris County - County Civil Court at Law No. 1

INPUT
OUTPUT

Max Inflow
Max Outflow
Max Lake Level
Total release

	READING				ACTUAL OPENING		
	Date & Time		Average Lake Level (ft-msl)	Total Inflow (cfs)	Total Discharge (cfs)	Date & Time of Execution	
	1		2	3	10	11	
1	26-Aug-17	22:00	201.00		0	26-Aug-17	22:00
2	26-Aug-17	23:30	201.01	1,722	0	26-Aug-17	23:50
3	26-Aug-17	23:59	201.02	6,296	0	26-Aug-17	23:59
4	27-Aug-17	0:15	201.04	13,777	529	27-Aug-17	0:25
5	27-Aug-17	1:00	201.09	18,323	529	27-Aug-17	1:00
6	27-Aug-17	1:45	201.12	12,241	530	27-Aug-17	1:45
7	27-Aug-17	2:15	201.14	9,830	530	27-Aug-17	2:15
8	27-Aug-17	2:45	201.17	13,447	1,060	27-Aug-17	3:00
9	27-Aug-17	3:15	201.19	15,779	1,061	27-Aug-17	3:15
10	27-Aug-17	3:45	201.23	19,661	1,592	27-Aug-17	4:10
11	27-Aug-17	4:15	201.27	23,884	1,593	27-Aug-17	4:15
12	27-Aug-17	4:45	201.30	17,094	1,594	27-Aug-17	4:45
13	27-Aug-17	5:30	201.35	18,301	1,596	27-Aug-17	5:30
14	27-Aug-17	6:00	201.42	35,180	2,130	27-Aug-17	6:20
15	27-Aug-17	6:30	201.45	20,634	2,131	27-Aug-17	6:30
16	27-Aug-17	7:00	201.52	34,166	2,667	27-Aug-17	7:20
17	27-Aug-17	7:30	201.60	44,680	2,670	27-Aug-17	7:30
18	27-Aug-17	8:15	201.73	47,279	2,676	27-Aug-17	8:15
19	27-Aug-17	8:30	201.82	93,096	2,680	27-Aug-17	8:30
20	27-Aug-17	8:45	201.91	98,266	2,684	27-Aug-17	8:45
21	27-Aug-17	9:00	201.95	50,736	3,759	27-Aug-17	9:20
22	27-Aug-17	9:15	202.05	105,411	3,765	27-Aug-17	9:15
23	27-Aug-17	9:30	202.14	102,041	5,384	27-Aug-17	10:00
24	27-Aug-17	10:00	202.29	79,617	5,397	27-Aug-17	10:00
25	27-Aug-17	10:30	202.39	58,277	5,406	27-Aug-17	10:30
26	27-Aug-17	11:00	202.49	60,155	5,415	27-Aug-17	11:00
27	27-Aug-17	11:30	202.56	44,140	5,422	27-Aug-17	11:30
28	27-Aug-17	11:45	202.63	74,857	5,428	27-Aug-17	11:45
29	27-Aug-17	12:00	202.68	61,510	6,516	27-Aug-17	12:00

EXHIBIT E

	READING			Total Inflow (cfs)	ACTUAL OPENING		
	Date & Time		Average Lake Level (ft-msl)		Total Discharge (cfs)	Date & Time of Execution	
	1		2	3	10	11	
30	27-Aug-17	12:15	202.71	36,961	6,520	27-Aug-17	12:15
31	27-Aug-17	12:45	202.81	59,934	7,074	27-Aug-17	12:45
32	27-Aug-17	13:15	202.88	46,738	8,171	27-Aug-17	13:15
33	27-Aug-17	13:30	202.93	53,038	8,177	27-Aug-17	13:30
34	27-Aug-17	13:45	202.97	53,043	8,182	27-Aug-17	13:45
35	27-Aug-17	14:00	203.02	62,240	10,916	27-Aug-17	14:20
36	27-Aug-17	14:45	203.19	72,278	10,946	27-Aug-17	14:45
37	27-Aug-17	15:00	203.24	72,776	14,254	27-Aug-17	15:00
38	27-Aug-17	15:15	203.30	76,085	14,268	27-Aug-17	15:15
39	27-Aug-17	15:45	203.41	72,793	16,498	27-Aug-17	15:45
40	27-Aug-17	16:15	203.49	63,982	16,522	27-Aug-17	16:15
41	27-Aug-17	16:30	203.55	76,354	16,537	27-Aug-17	16:30
42	27-Aug-17	16:45	203.61	82,786	16,554	27-Aug-17	16:45
43	27-Aug-17	17:00	203.67	82,802	19,900	27-Aug-17	17:00
44	27-Aug-17	17:15	203.74	103,817	19,925	27-Aug-17	17:15
45	27-Aug-17	17:30	203.82	103,842	22,177	27-Aug-17	17:53
46	27-Aug-17	17:45	203.88	89,430	22,201	27-Aug-17	17:45
47	27-Aug-17	18:00	203.95	95,077	22,225	27-Aug-17	18:00
48	27-Aug-17	18:15	204.01	93,402	22,249	27-Aug-17	18:15
49	27-Aug-17	18:45	204.12	83,846	22,269	27-Aug-17	18:45
50	27-Aug-17	19:15	204.22	76,757	22,325	27-Aug-17	19:15
51	27-Aug-17	19:30	204.29	107,862	22,353	27-Aug-17	19:30
52	27-Aug-17	19:45	204.37	107,889	25,729	27-Aug-17	19:45
53	27-Aug-17	20:00	204.40	65,077	25,744	27-Aug-17	20:00
54	27-Aug-17	20:15	204.49	121,548	25,760	27-Aug-17	20:15
55	27-Aug-17	20:30	204.55	96,492	25,807	27-Aug-17	20:30
56	27-Aug-17	20:45	204.61	96,519	28,076	27-Aug-17	20:45
57	27-Aug-17	21:15	204.71	87,396	28,124	27-Aug-17	21:15
58	27-Aug-17	21:30	204.78	98,838	28,153	27-Aug-17	21:30
59	27-Aug-17	21:45	204.84	103,429	28,184	27-Aug-17	21:45
60	27-Aug-17	22:00	204.91	103,460	28,215	27-Aug-17	22:00
61	27-Aug-17	22:15	204.99	117,177	28,251	27-Aug-17	22:15

	READING			Total Inflow (cfs)	ACTUAL OPENING		
	Date & Time		Average Lake Level (ft-msl)		Total Discharge (cfs)	Date & Time of Execution	
	1		2	3	10	11	
62	27-Aug-17	22:30	205.06	117,273	33,917	27-Aug-17	22:45
63	27-Aug-17	22:45	205.13	102,389	33,954	27-Aug-17	22:45
64	27-Aug-17	23:00	205.20	105,181	39,604	27-Aug-17	23:15
65	27-Aug-17	23:15	205.26	101,029	39,647	27-Aug-17	23:15
66	27-Aug-17	23:30	205.32	104,592	39,689	27-Aug-17	23:30
67	27-Aug-17	23:45	205.37	92,063	50,908	27-Aug-17	23:45
68	27-Aug-17	23:59	205.42	105,906	50,952	27-Aug-17	23:59
69	28-Aug-17	0:15	205.47	103,006	61,891	28-Aug-17	0:15
70	28-Aug-17	0:30	205.53	118,468	61,951	28-Aug-17	0:30
71	28-Aug-17	0:45	205.58	118,527	62,011	28-Aug-17	0:45
72	28-Aug-17	1:00	205.65	129,065	62,082	28-Aug-17	1:00
73	28-Aug-17	1:15	205.70	122,849	62,146	28-Aug-17	1:15
74	28-Aug-17	1:30	205.75	116,627	62,204	28-Aug-17	1:30
75	28-Aug-17	1:45	205.80	108,303	73,201	28-Aug-17	2:00
76	28-Aug-17	2:00	205.84	104,161	73,255	28-Aug-17	2:00
77	28-Aug-17	2:30	205.90	104,710	73,336	28-Aug-17	2:30
78	28-Aug-17	3:00	205.98	112,655	73,437	28-Aug-17	3:00
79	28-Aug-17	3:30	206.03	102,354	73,506	28-Aug-17	3:30
80	28-Aug-17	4:00	206.08	103,910	73,573	28-Aug-17	4:00
81	28-Aug-17	4:30	206.12	97,697	73,627	28-Aug-17	4:30
82	28-Aug-17	4:45	206.13	90,544	73,645	28-Aug-17	4:45
83	28-Aug-17	5:15	206.15	87,327	73,675	28-Aug-17	5:15
84	28-Aug-17	5:45	206.19	96,479	73,726	28-Aug-17	5:45
85	28-Aug-17	6:15	206.21	85,888	73,753	28-Aug-17	6:15
86	28-Aug-17	6:45	206.22	82,266	73,771	28-Aug-17	6:45
87	28-Aug-17	7:00	206.23	76,202	73,774	28-Aug-17	7:00
88	28-Aug-17	8:00	206.23	76,209	73,785	28-Aug-17	8:00
89	28-Aug-17	8:30	206.23	71,352	73,779	28-Aug-17	8:30
90	28-Aug-17	9:00	206.22	69,219	73,769	28-Aug-17	9:00
91	28-Aug-17	9:30	206.22	69,817	73,761	28-Aug-17	9:30
92	28-Aug-17	10:15	206.21	69,299	73,746	28-Aug-17	10:15
93	28-Aug-17	10:30	206.20	67,668	73,739	28-Aug-17	10:30

	READING			Total Inflow (cfs)	ACTUAL OPENING		
	Date & Time		Average Lake Level (ft-msl)		Total Discharge (cfs)	Date & Time of Execution	
	1		2	3	10	11	
94	28-Aug-17	10:45	206.20	67,662	73,732	28-Aug-17	10:45
95	28-Aug-17	11:00	206.19	70,086	73,728	28-Aug-17	11:00
96	28-Aug-17	11:15	206.19	66,435	73,720	28-Aug-17	11:15
97	28-Aug-17	11:30	206.18	63,996	73,710	28-Aug-17	11:30
98	28-Aug-17	11:45	206.17	63,986	79,141	28-Aug-17	12:00
99	28-Aug-17	12:00	206.16	61,544	79,127	28-Aug-17	12:00
100	28-Aug-17	12:15	206.15	64,540	79,109	28-Aug-17	12:15
101	28-Aug-17	12:30	206.14	64,522	79,092	28-Aug-17	12:30
102	28-Aug-17	12:45	206.12	64,505	79,074	28-Aug-17	12:45
103	28-Aug-17	13:15	206.11	67,519	79,046	28-Aug-17	13:15
104	28-Aug-17	13:30	206.09	63,851	79,028	28-Aug-17	13:30
105	28-Aug-17	13:45	206.07	54,716	78,998	28-Aug-17	13:45
106	28-Aug-17	14:00	206.06	66,235	78,983	28-Aug-17	14:00
107	28-Aug-17	14:15	206.04	54,672	78,954	28-Aug-17	14:15
108	28-Aug-17	15:00	206.00	60,516	78,886	28-Aug-17	15:00
109	28-Aug-17	15:30	205.97	65,254	78,848	28-Aug-17	15:30
110	28-Aug-17	15:45	205.96	64,177	78,827	28-Aug-17	15:45
111	28-Aug-17	16:00	205.94	66,252	78,809	28-Aug-17	16:00
112	28-Aug-17	16:30	205.92	66,226	78,774	28-Aug-17	16:30
113	28-Aug-17	16:45	205.90	57,816	78,744	28-Aug-17	16:45
114	28-Aug-17	17:00	205.88	55,167	78,711	28-Aug-17	17:00
115	28-Aug-17	17:15	205.87	68,756	78,697	28-Aug-17	17:15
116	28-Aug-17	17:45	205.83	58,773	78,641	28-Aug-17	17:45
117	28-Aug-17	18:15	205.80	61,863	78,593	28-Aug-17	18:15
118	28-Aug-17	18:45	205.76	60,767	78,543	28-Aug-17	18:45
119	28-Aug-17	19:15	205.73	62,814	78,499	28-Aug-17	19:15
120	28-Aug-17	19:45	205.70	59,623	78,446	28-Aug-17	19:45
121	28-Aug-17	20:15	205.65	51,181	78,369	28-Aug-17	20:15
122	28-Aug-17	20:45	205.60	52,153	78,295	28-Aug-17	20:45
123	28-Aug-17	21:15	205.56	58,108	78,238	28-Aug-17	21:15
124	28-Aug-17	21:45	205.50	48,089	78,153	28-Aug-17	21:45
125	28-Aug-17	22:15	205.44	48,441	78,068	28-Aug-17	22:15

	READING			Total Inflow (cfs)	ACTUAL OPENING		
	Date & Time		Average Lake Level (ft-msl)		Total Discharge (cfs)	Date & Time of Execution	
	1		2	3	10	11	
126	28-Aug-17	22:45	205.37	41,365	77,963	28-Aug-17	22:45
127	28-Aug-17	23:15	205.31	46,504	77,874	28-Aug-17	23:15
128	28-Aug-17	23:45	205.26	49,910	77,794	28-Aug-17	23:45
129	29-Aug-17	0:30	205.18	50,976	77,680	29-Aug-17	0:30
130	29-Aug-17	1:00	205.10	35,734	77,560	29-Aug-17	1:00
131	29-Aug-17	1:30	205.01	20,767	77,416	29-Aug-17	1:30
132	29-Aug-17	2:00	204.93	33,521	77,300	29-Aug-17	2:00
133	29-Aug-17	2:45	204.85	48,102	77,185	29-Aug-17	2:45
134	29-Aug-17	3:15	204.76	25,803	71,787	29-Aug-17	3:30
135	29-Aug-17	3:45	204.67	23,039	71,662	29-Aug-17	3:45
136	29-Aug-17	4:15	204.58	20,287	71,538	29-Aug-17	4:15
137	29-Aug-17	4:30	204.56	39,210	66,170	29-Aug-17	4:30
138	29-Aug-17	4:45	204.50	566	66,098	29-Aug-17	4:45
139	29-Aug-17	5:15	204.45	38,985	66,038	29-Aug-17	5:15
140	29-Aug-17	5:30	204.40	6,991	65,974	29-Aug-17	5:30
141	29-Aug-17	5:45	204.35	11,780	65,914	29-Aug-17	5:45
142	29-Aug-17	6:00	204.33	42,525	60,604	29-Aug-17	6:30
143	29-Aug-17	6:30	204.25	20,511	60,513	29-Aug-17	6:30
144	29-Aug-17	7:00	204.17	10,575	55,157	29-Aug-17	7:00
145	29-Aug-17	7:15	204.15	33,482	55,138	29-Aug-17	7:15
146	29-Aug-17	7:30	204.10	4,942	55,093	29-Aug-17	7:30
147	29-Aug-17	7:45	204.07	23,150	55,064	29-Aug-17	7:45
148	29-Aug-17	8:00	204.05	23,121	49,717	29-Aug-17	8:15
149	29-Aug-17	8:30	203.98	17,287	49,661	29-Aug-17	8:30
150	29-Aug-17	8:45	203.96	18,736	49,635	29-Aug-17	8:45
151	29-Aug-17	9:00	203.92	14,292	38,741	29-Aug-17	9:00
152	29-Aug-17	9:15	203.89	5,611	38,720	29-Aug-17	9:15
153	29-Aug-17	9:30	203.87	14,425	38,705	29-Aug-17	9:30
154	29-Aug-17	9:45	203.85	14,410	27,717	29-Aug-17	9:45
155	29-Aug-17	10:00	203.83	7,840	27,708	29-Aug-17	10:00
156	29-Aug-17	10:30	203.81	14,176	22,172	29-Aug-17	10:15
157	29-Aug-17	10:45	203.80	2,846	22,167	29-Aug-17	10:45

	READING				ACTUAL OPENING		
	Date & Time		Average Lake Level (ft-msl)	Total Inflow (cfs)	Total Discharge (cfs)	Date & Time of Execution	
	1		2	3	10	11	
156	29-Aug-17	11:15	203.79	16,645	22,164	29-Aug-17	11:15
159	29-Aug-17	11:30	203.78	11,122	22,160	29-Aug-17	11:30
160	29-Aug-17	11:45	203.77	13,878	22,157	29-Aug-17	11:45
161	29-Aug-17	12:00	203.77	20,501	22,156	29-Aug-17	12:00
162	29-Aug-17	12:15	203.76	17,740	22,155	29-Aug-17	12:15
163	29-Aug-17	12:30	203.76	19,947	22,154	29-Aug-17	12:30
164	29-Aug-17	12:45	203.76	22,154	22,154	29-Aug-17	12:45
165	29-Aug-17	13:00	203.76	22,154	22,154	29-Aug-17	13:00
166	29-Aug-17	13:15	203.76	19,946	22,153	29-Aug-17	13:15
167	29-Aug-17	13:30	203.75	17,737	22,152	29-Aug-17	13:30
168	29-Aug-17	13:45	203.75	15,527	22,150	29-Aug-17	13:45
169	29-Aug-17	14:00	203.74	15,525	22,148	29-Aug-17	14:00
170	29-Aug-17	14:15	203.73	13,314	22,145	29-Aug-17	14:15
171	29-Aug-17	14:30	203.73	15,519	22,142	29-Aug-17	14:30
172	29-Aug-17	14:45	203.72	15,517	22,140	29-Aug-17	14:45
173	29-Aug-17	15:00	203.72	15,515	22,138	29-Aug-17	15:00
174	29-Aug-17	15:15	203.71	13,304	22,135	29-Aug-17	15:15
175	29-Aug-17	15:30	203.70	13,301	22,132	29-Aug-17	15:30
176	29-Aug-17	15:45	203.69	13,296	22,129	29-Aug-17	15:45
177	29-Aug-17	16:00	203.69	15,504	22,127	29-Aug-17	16:00
178	29-Aug-17	16:15	203.68	15,501	22,124	29-Aug-17	16:15
179	29-Aug-17	16:30	203.67	15,499	22,122	29-Aug-17	16:30
180	29-Aug-17	16:45	203.67	13,289	22,119	29-Aug-17	16:45
181	29-Aug-17	17:00	203.66	11,077	22,115	29-Aug-17	17:00
182	29-Aug-17	17:15	203.65	11,073	22,112	29-Aug-17	17:15
183	29-Aug-17	17:30	203.64	11,070	22,108	29-Aug-17	17:30
184	29-Aug-17	17:45	203.63	11,066	22,104	29-Aug-17	17:45
185	29-Aug-17	18:00	203.62	13,271	22,101	29-Aug-17	18:00
186	29-Aug-17	18:15	203.61	13,268	22,098	29-Aug-17	18:15
187	29-Aug-17	18:30	203.60	13,265	22,095	29-Aug-17	18:30
188	29-Aug-17	18:45	203.59	11,053	22,091	29-Aug-17	18:45
189	29-Aug-17	19:00	203.58	6,633	22,086	29-Aug-17	19:00

	READING			Total Inflow (cfs)	ACTUAL OPENING		
	Date & Time		Average Lake Level (ft-msl)		Total Discharge (cfs)	Date & Time of Execution	
	1		2	3	10	11	
190	29-Aug-17	19:15	203.57	8,836	22,082	29-Aug-17	19:15
191	29-Aug-17	19:30	203.55	8,831	22,077	29-Aug-17	19:30
192	29-Aug-17	19:45	203.54	8,827	22,073	29-Aug-17	19:45
193	29-Aug-17	20:15	203.53	12,685	22,066	29-Aug-17	20:15
194	29-Aug-17	20:30	203.51	5,503	22,061	29-Aug-17	20:30
195	29-Aug-17	20:45	203.50	5,498	22,055	29-Aug-17	20:45
196	29-Aug-17	21:00	203.49	16,534	22,053	29-Aug-17	21:00
197	29-Aug-17	21:15	203.47	4,386	22,047	29-Aug-17	21:15
198	29-Aug-17	21:30	203.46	8,797	22,043	29-Aug-17	21:30
199	29-Aug-17	21:45	203.45	8,792	22,038	29-Aug-17	21:45
200	29-Aug-17	22:00	203.44	6,579	22,033	29-Aug-17	22:00