### **Current River / Boulevard Lake Dam Water Management Report 2007**

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#### Introduction

A water management plan was completed in March 2006 for Boulevard Lake (Current River) Dam. This report provides data and analysis on the operation of the fish ladder, dam and generating station.

The main information gaps surrounding the operation of the dam and generating station relate to water flows and levels through the fishway. This information is necessary to promote Rainbow Trout movement upstream and up through the fishway. A monitoring and reporting program for stop log configuration, reservoir water level and flow through the fishway during times of expected Rainbow Trout runs is provided in this report to evaluate these operations.

#### **Boulevard Lake Level**

A level recorder is in operation and the signal is transmitted to the Bare Point Water Treatment Plant via a SCADA System. These measurements are taken and logged every 12 seconds, along with all the other data points, then put in the archive files, so not to fill the hard drive of the computer.

The average recorded levels of Boulevard Lake from April 01, 2007 to October 29, 2007 are shown on a weekly basis in the following Table 1.0 and Figure 1.0.

DATE:	Lake Level	DATE:	Lake Level
1-Apr-07	211.10	19-Jul-07	212.14
9-Apr-07	210.76	29-Jul-07	211.44
19-Apr-07	211.14	1-Aug-07	210.73
29-Apr-07	212.14	9-Aug-07	211.86
1-May-07	212.10	19-Aug-07	211.51
9-May-07	212.10	29-Aug-07	211.60
19-May-07	212.00	1-Sep-07	211.50
29-May-07	212.15	9-Sep-07	209.30
1-Jun-07	212.10	19-Sep-07	211.37
9-Jun-07	212.15	29-Sep-07	212.12
19-Jun-07	212.15	1-Oct-07	212.10
29-Jun-07	212.13	9-Oct-07	212.15
1-Jul-07	212.06	19-Oct-07	212.15
9-Jul-07	212.15	29-Oct-07	211.53

Table 1.0 - Boulevard Lake Level

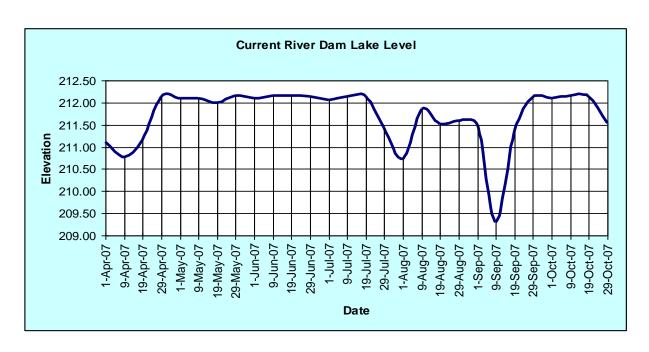


Figure 1.0 - Current River Dam / Boulevard Lake Level

#### **Stop Log Configuration**

#### Spring 2007

Operation of the stop logs within the dam structure and the fishway occurred during the recording period of April 1, 2007 to October 15, 2007.

A permanent diary was located in the gatehouse for maintenance staff to accurately record the configuration of the stop logs; the level of water passing over the stop logs and if any fish are spotted using the ladder.

Due to drought like conditions in the fall of 2006 and winter of 2007, it has been an extremely challenging task to maintain any kind of flow through the fish ladder in the spring of 2007.

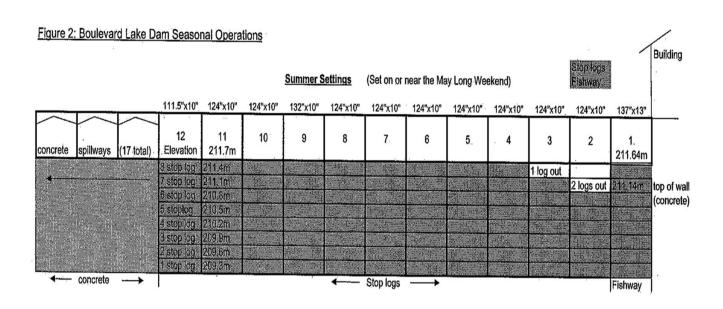
Recording of the water level in the fish ladder commenced on April 1, 2007 and continued through to June 15, 2007 when the level logger was removed.

Ice filled the fish ladder except for the area around the logger tube on April 1, 2007, when the level logger was put into service. A fish biologist, from the Ministry of Natural Resources was consulted and it was determined that due to the low water/ice levels in Boulevard Lake in March, two aluminium gates in the fish ladder should be removed to aid flow of water through the fish ladder. With the gates removed, the elevation of the concrete notch is 210.045.

The Winter Setting of the logs was changed on April 27, 2007, to the Summer Setting when all the ice had completely melted from Boulevard Lake. Four logs were added to chute number 3 and three logs added to chute number 4 to aid in bringing the level up so water could flow through the fish ladder.

On May 11, 2007, one log was removed from chute number 1 or the fish ladder chute to try to increase the flow through the ladder. On May 14, 2007, on a routine inspection of the dam, no flow of water was observed through the fish ladder.

The data recorded in this time period is shown in Figure 3.0.



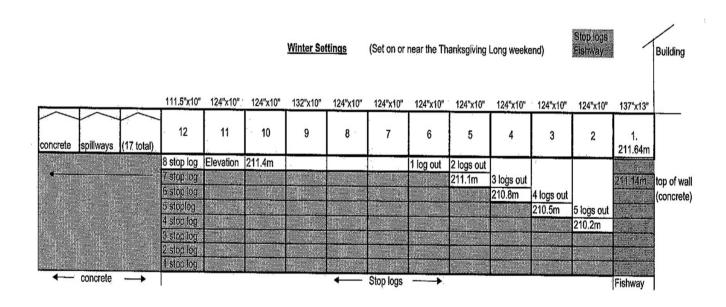


Figure 2.0 demonstrates the winter and summer stop log settings.

#### Fish Ladder Records

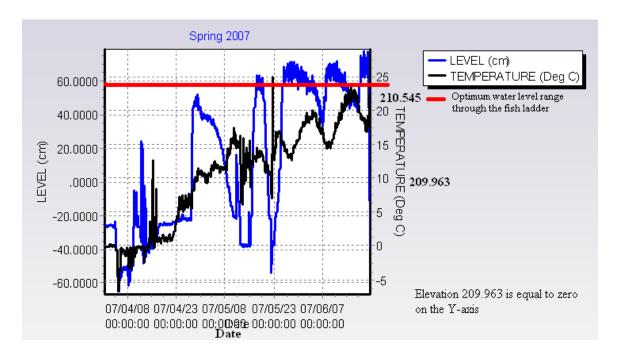


Figure 3.0 - Water Level Fish Ladder Spring 2007

See Appendix "A" for pivot table data for Spring 2007.

#### Fall 2007

The level logger was put back into service on September 12, 2007 and began recording data on September 15, 2007 through to October 16, 2007 when the level logger was once again removed.

The two aluminium gates in the fish ladder remained out during this recording period.

Due to above normal amounts of precipitation in mid September, the level of Boulevard Lake was high throughout that part of the recording time period, with significant amounts of water entering the fish ladder. Two logs were removed from chutes number 4, 5, and 6 on October 12, 2007. Additionally, another log was removed from chutes 4, 5, and 6 on October 15, 2007 to help control the amount of water flowing over the dam.

The data recorded in this time period is shown in Figure 4.0. The 30 cm range shown between elevation 210.845 and 210.545 is the ideal water level through the fish ladder

with the lower elevation representing the top of the wall notch in the top rung of the fish ladder.

The Winter Setting of the logs was achieved on November 16, 2007 when the lake was drained for winter maintenance.

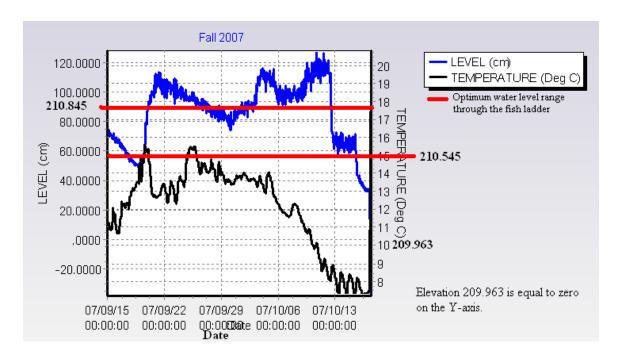


Figure 4.0 - Water Level Fish Ladder Fall 2007

See Appendix "B" for pivot table data for Fall 2007.

#### **Generating Station Records**

Run Time Records are not available for the power generating station.

The lease agreement does not require the owner of the power generating station to provide detailed run time records to the City of Thunder Bay. When the owner of the power generating station was contacted on November 7, 2006, and asked to produce any run time records for the generating station, he said, "I do not have any record of run time schedules for the generating station".

The agreement and protocols state that that the power generator is able to draw water 0.15 m below the level set by the City as long as water is allowed to spill daily to maintain a clean lake surface" during the months that he is permitted to operate.

Based on this protocol, it is estimated that water is being used for generating electricity during certain periods as shown in Table 2.0.

DATE:	Lake Level	DATE:	Lake Level
1-Apr-07	211.10	19-Jul-07	212.14
9-Apr-07	210.76	29-Jul-07	211.44
19-Apr-07	211.14	1-Aug-07	210.73
29-Apr-07	212.14	9-Aug-07	211.86
1-May-07	212.10	19-Aug-07	211.51
9-May-07	212.10	29-Aug-07	211.60
19-May-07	212.00	1-Sep-07	211.50
29-May-07	212.15	9-Sep-07	209.30
1-Jun-07	212.10	19-Sep-07	211.37
9-Jun-07	212.15	29-Sep-07	212.12
19-Jun-07	212.15	1-Oct-07	212.10
29-Jun-07	212.13	9-Oct-07	212.15
1-Jul-07	212.06	19-Oct-07	212.15
9-Jul-07	212.15	29-Oct-07	211.53

Table 2.0 - Period of Power Generation Assumed

December 1, 2007 City of Thunder Bay Engineering Division

# Appendix "A" Spring 2007 Pivot Table Data

Spring 2007 Data

DATE	Data	Total
01/04/2007	Min of LEVEL	-26.5
	Max of LEVEL	-23.7
	Average of LEVEL	-26.1
	Min of TEMPERATURE	-0.2
	Max of TEMPERATURE	-0.1
	Average of TEMPERATURE	-0.1
02/04/2007	Min of LEVEL	-26.1
	Max of LEVEL	-25.4
	Average of LEVEL	-25.8
	Min of TEMPERATURE	-0.1
	Max of TEMPERATURE	0.2
	Average of TEMPERATURE	0.0
03/04/2007	Min of LEVEL	-27.3
	Max of LEVEL	-25.6
	Average of LEVEL	-26.1
	Min of TEMPERATURE	-0.1
	Max of TEMPERATURE	0.2
	Average of TEMPERATURE	0.0
04/04/2007	Min of LEVEL	-51.4
	Max of LEVEL	-23.6
	Average of LEVEL	-34.2
	Min of TEMPERATURE	-2.8
	Max of TEMPERATURE	0.0
	Average of TEMPERATURE	-0.5
05/04/2007	Min of LEVEL	-66.6
	Max of LEVEL	-52.5
	Average of LEVEL	-59.7
	Min of TEMPERATURE	-7.1
	Max of TEMPERATURE	-0.4
	Average of TEMPERATURE	-4.2
06/04/2007	Min of LEVEL	-56.3
	Max of LEVEL	-50.4
	Average of LEVEL	-53.2
	Min of TEMPERATURE	-1.3
	Max of TEMPERATURE	-0.3
	Average of TEMPERATURE	-0.6
07/04/2007	Min of LEVEL	-52.5
	Max of LEVEL	-49.9
	Average of LEVEL	-51.6
	Min of TEMPERATURE	-1.4
	Max of TEMPERATURE	-0.3
	Average of TEMPERATURE	-0.9
08/04/2007	Min of LEVEL	-61.7
	Max of LEVEL	-49.6
	Average of LEVEL	-55.5
	Min of TEMPERATURE	-3.3
	Max of TEMPERATURE	-0.2
	Average of TEMPERATURE	-1.5
09/04/2007	Min of LEVEL	-52.5

	Max of LEVEL	-26.7
	Average of LEVEL	-44.2
	Min of TEMPERATURE	-3.3
	Max of TEMPERATURE	-0.1
	Average of TEMPERATURE	-1.6
10/04/2007	Min of LEVEL	-27.2
	Max of LEVEL	-4.8
	Average of LEVEL	-14.7
	Min of TEMPERATURE	-1.6
	Max of TEMPERATURE	-0.1
	Average of TEMPERATURE	-0.7
11/04/2007	Min of LEVEL	-28.7
,,	Max of LEVEL	-20.0
	Average of LEVEL	-25.9
	Min of TEMPERATURE	-0.2
	Max of TEMPERATURE	-0.1
	Average of TEMPERATURE	-0.2
12/04/2007	Min of LEVEL	-46.6
	Max of LEVEL	24.3
	Average of LEVEL	-26.1
	Min of TEMPERATURE	-0.6
	Max of TEMPERATURE	-0.1
	Average of TEMPERATURE	-0.2
13/04/2007	Min of LEVEL	-48.1
	Max of LEVEL	-2.1
	Average of LEVEL	-30.2
	Min of TEMPERATURE	-2.4
	Max of TEMPERATURE	-0.1
	Average of TEMPERATURE	-0.5
14/04/2007	Min of LEVEL	-42.0
	Max of LEVEL	-36.4
	Average of LEVEL	-39.6
	Min of TEMPERATURE	-0.7
	Max of TEMPERATURE	3.6
	Average of TEMPERATURE	0.4
15/04/2007	Min of LEVEL	-39.9
	Max of LEVEL	-34.5
	Average of LEVEL	-37.9
	Min of TEMPERATURE	0.2
	Max of TEMPERATURE	12.7
	Average of TEMPERATURE	3.7
16/04/2007	Min of LEVEL	-39.5
	Max of LEVEL	-27.9
	Average of LEVEL	-36.6
	Min of TEMPERATURE	-0.3
	Max of TEMPERATURE	8.5
	Average of TEMPERATURE	2.2
17/04/2007	Min of LEVEL	-34.0
	Max of LEVEL	-24.7
1		

	Min of TEMPERATURE	0.5
	Max of TEMPERATURE	1.4
	Average of TEMPERATURE	0.9
18/04/2007	Min of LEVEL	-25.6
	Max of LEVEL	-24.7
	Average of LEVEL	-25.1
	Min of TEMPERATURE	0.4
	Max of TEMPERATURE	1.7
	Average of TEMPERATURE	1.0
19/04/2007	Min of LEVEL	-25.7
	Max of LEVEL	-24.2
	Average of LEVEL	-25.1
	Min of TEMPERATURE	0.7
	Max of TEMPERATURE	1.6
	Average of TEMPERATURE	1.1
20/04/2007	Min of LEVEL	-25.7
	Max of LEVEL	-24.6
	Average of LEVEL	-25.0
	Min of TEMPERATURE	0.6
	Max of TEMPERATURE	1.7
	Average of TEMPERATURE	1.1
21/04/2007	Min of LEVEL	-25.3
	Max of LEVEL	-24.0
	Average of LEVEL	-24.7
	Min of TEMPERATURE	0.7
	Max of TEMPERATURE	1.7
	Average of TEMPERATURE	1.1
22/04/2007	Min of LEVEL	-24.8
	Max of LEVEL	-23.6
	Average of LEVEL	-23.9
	Min of TEMPERATURE	1.4
	Max of TEMPERATURE	3.3
22/04/2007	Average of TEMPERATURE	2.3
23/04/2007	Min of LEVEL Max of LEVEL	-24.2 -22.3
	Average of LEVEL	
	Min of TEMPERATURE	-23.0 3.3
	Max of TEMPERATURE	5.3 6.7
	Average of TEMPERATURE	4.7
24/04/2007	Min of LEVEL	-23.0
24/04/2007	Max of LEVEL	-19.0
	Average of LEVEL	-21.5
	Min of TEMPERATURE	5.4
	Max of TEMPERATURE	7.6
	Average of TEMPERATURE	6.6
25/04/2007	Min of LEVEL	-22.1
	Max of LEVEL	-19.1
	Average of LEVEL	-20.9
	Avolage of LEVEL	20.0
l l	Min of TEMPERATURE	5.1

	Average of TEMPERATURE	6.3
26/04/2007	Min of LEVEL	-22.6
	Max of LEVEL	-21.3
	Average of LEVEL	-22.0
	Min of TEMPERATURE	5.7
	Max of TEMPERATURE	7.7
	Average of TEMPERATURE	6.7
27/04/2007	Min of LEVEL	-22.7
	Max of LEVEL	24.6
	Average of LEVEL	-11.2
	Min of TEMPERATURE	5.5
	Max of TEMPERATURE	8.1
	Average of TEMPERATURE	6.5
28/04/2007	Min of LEVEL	26.6
	Max of LEVEL	48.9
	Average of LEVEL	43.1
	Min of TEMPERATURE	8.2
	Max of TEMPERATURE	10.2
	Average of TEMPERATURE	8.9
29/04/2007	Min of LEVEL	42.8
	Max of LEVEL	52.3
	Average of LEVEL	48.0
	Min of TEMPERATURE	9.6
	Max of TEMPERATURE	11.4
	Average of TEMPERATURE	10.4
30/04/2007	Min of LEVEL	38.3
	Max of LEVEL	45.6
	Average of LEVEL	42.3
	Min of TEMPERATURE	10.5
	Max of TEMPERATURE	11.1
	Average of TEMPERATURE	10.7
01/05/2007	Min of LEVEL	37.1
	Max of LEVEL	40.7
	Average of LEVEL	38.9
	Min of TEMPERATURE	10.1
	Max of TEMPERATURE	11.0
	Average of TEMPERATURE	10.5
02/05/2007	Min of LEVEL	36.4
	Max of LEVEL	40.0
	Average of LEVEL	38.6
	Min of TEMPERATURE	9.4
	Max of TEMPERATURE	10.7
	Average of TEMPERATURE	9.9
03/05/2007	Min of LEVEL	35.3
	Max of LEVEL	39.1
	Average of LEVEL	37.3
	Min of TEMPERATURE	10.3
	Max of TEMPERATURE	11.8
	Average of TEMPERATURE	10.7
04/05/2007	Min of LEVEL	32.0

Max of LEVEL       37.4         Average of LEVEL       34.4         Min of TEMPERATURE       11.2         Max of TEMPERATURE       12.5         Average of TEMPERATURE       11.8         05/05/2007       Min of LEVEL       26.8         Max of LEVEL       33.2         Average of LEVEL       30.5         Min of TEMPERATURE       11.5         Max of TEMPERATURE       12.5         Average of TEMPERATURE       11.9         06/05/2007       Min of LEVEL       28.5         Average of LEVEL       24.5         Min of TEMPERATURE       10.9         Max of TEMPERATURE       11.8         Average of TEMPERATURE       11.4         07/05/2007       Min of LEVEL       10.2
Min of TEMPERATURE       11.2         Max of TEMPERATURE       12.5         Average of TEMPERATURE       11.8         05/05/2007       Min of LEVEL       26.8         Max of LEVEL       33.2         Average of LEVEL       30.5         Min of TEMPERATURE       11.5         Max of TEMPERATURE       12.5         Average of TEMPERATURE       11.9         06/05/2007       Min of LEVEL       20.4         Average of LEVEL       24.5         Min of TEMPERATURE       10.9         Max of TEMPERATURE       11.8         Average of TEMPERATURE       11.4
Max of TEMPERATURE       12.5         Average of TEMPERATURE       11.8         05/05/2007       Min of LEVEL       26.8         Max of LEVEL       33.2         Average of LEVEL       30.5         Min of TEMPERATURE       11.5         Max of TEMPERATURE       12.5         Average of TEMPERATURE       11.9         06/05/2007       Min of LEVEL       20.4         Max of LEVEL       24.5         Average of LEVEL       24.5         Min of TEMPERATURE       10.9         Max of TEMPERATURE       11.8         Average of TEMPERATURE       11.4
Average of TEMPERATURE   11.8
05/05/2007       Min of LEVEL       26.8         Max of LEVEL       33.2         Average of LEVEL       30.5         Min of TEMPERATURE       11.5         Max of TEMPERATURE       12.5         Average of TEMPERATURE       11.9         06/05/2007       Min of LEVEL       20.4         Max of LEVEL       28.5         Average of LEVEL       24.5         Min of TEMPERATURE       10.9         Max of TEMPERATURE       11.8         Average of TEMPERATURE       11.4
Average of LEVEL 30.5  Min of TEMPERATURE 11.5  Max of TEMPERATURE 12.5  Average of TEMPERATURE 11.9  06/05/2007 Min of LEVEL 20.4  Max of LEVEL 28.5  Average of LEVEL 24.5  Min of TEMPERATURE 10.9  Max of TEMPERATURE 11.8  Average of TEMPERATURE 11.4
Min of TEMPERATURE       11.5         Max of TEMPERATURE       12.5         Average of TEMPERATURE       11.9         06/05/2007       Min of LEVEL       20.4         Max of LEVEL       28.5         Average of LEVEL       24.5         Min of TEMPERATURE       10.9         Max of TEMPERATURE       11.8         Average of TEMPERATURE       11.4
Max of TEMPERATURE       12.5         Average of TEMPERATURE       11.9         06/05/2007       Min of LEVEL       20.4         Max of LEVEL       28.5         Average of LEVEL       24.5         Min of TEMPERATURE       10.9         Max of TEMPERATURE       11.8         Average of TEMPERATURE       11.4
Average of TEMPERATURE   11.9
06/05/2007         Min of LEVEL         20.4           Max of LEVEL         28.5           Average of LEVEL         24.5           Min of TEMPERATURE         10.9           Max of TEMPERATURE         11.8           Average of TEMPERATURE         11.4
Max of LEVEL 28.5 Average of LEVEL 24.5 Min of TEMPERATURE 10.9 Max of TEMPERATURE 11.8 Average of TEMPERATURE 11.4
Average of LEVEL 24.5  Min of TEMPERATURE 10.9  Max of TEMPERATURE 11.8  Average of TEMPERATURE 11.4
Min of TEMPERATURE 10.9  Max of TEMPERATURE 11.8  Average of TEMPERATURE 11.4
Max of TEMPERATURE 11.8 Average of TEMPERATURE 11.4
Average of TEMPERATURE 11.4
07/05/2007   Min of LEV/EL
Max of LEVEL 20.4
Average of LEVEL 15.8
Min of TEMPERATURE 11.4
Max of TEMPERATURE 11.8
Average of TEMPERATURE 11.5
08/05/2007   Min of LEVEL -2.8
Max of LEVEL 10.3
Average of LEVEL 3.6
Min of TEMPERATURE 11.2
Max of TEMPERATURE 14.4
Average of TEMPERATURE 12.2
09/05/2007 Min of LEVEL -14.7
Max of LEVEL -2.9
Average of LEVEL -8.4
Min of TEMPERATURE 13.2 Max of TEMPERATURE 15.8
Average of TEMPERATURE 14.2 10/05/2007 Min of LEVEL -21.0
Max of LEVEL -14.6
Average of LEVEL -18.3
Min of TEMPERATURE 15.2
Max of TEMPERATURE 17.5
Average of TEMPERATURE 16.0
11/05/2007 Min of LEVEL -21.9
Max of LEVEL 16.2
Average of LEVEL -5.7
Min of TEMPERATURE 14.5
Max of TEMPERATURE 16.5
Average of TEMPERATURE 15.2
12/05/2007 Min of LEVEL -37.6
Max of LEVEL -2.3
Average of LEVEL -19.4

	Min of TEMPERATURE	11.2
	Max of TEMPERATURE	16.4
	Average of TEMPERATURE	14.6
13/05/2007	Min of LEVEL	-38.3
. 0, 00, 200.	Max of LEVEL	-37.2
	Average of LEVEL	-37.5
	Min of TEMPERATURE	6.2
	Max of TEMPERATURE	16.0
	Average of TEMPERATURE	10.9
14/05/2007	Min of LEVEL	-38.2
1 1/00/2007	Max of LEVEL	-37.0
	Average of LEVEL	-37.6
	Min of TEMPERATURE	9.1
	Max of TEMPERATURE	14.7
	Average of TEMPERATURE	11.4
15/05/2007	Min of LEVEL	-38.4
	Max of LEVEL	-17.4
	Average of LEVEL	-31.1
	Min of TEMPERATURE	10.1
	Max of TEMPERATURE	15.6
	Average of TEMPERATURE	12.6
16/05/2007	Min of LEVEL	-37.8
	Max of LEVEL	39.1
	Average of LEVEL	6.4
	Min of TEMPERATURE	8.7
	Max of TEMPERATURE	13.7
	Average of TEMPERATURE	12.2
17/05/2007	Min of LEVEL	41.8
	Max of LEVEL	63.0
	Average of LEVEL	51.7
	Min of TEMPERATURE	12.5
	Max of TEMPERATURE	14.6
	Average of TEMPERATURE	13.2
18/05/2007	Min of LEVEL	54.5
	Max of LEVEL	63.0
	Average of LEVEL	58.4
	Min of TEMPERATURE	13.0
	Max of TEMPERATURE	14.2
	Average of TEMPERATURE	13.4
19/05/2007	Min of LEVEL	50.7
	Max of LEVEL	62.2
	Average of LEVEL	57.6
	Min of TEMPERATURE	12.7
	Max of TEMPERATURE	13.9
00/0=/	Average of TEMPERATURE	13.4
20/05/2007	Min of LEVEL	8.0
	Max of LEVEL	50.1
	Average of LEVEL	29.4
•	, ,	!

1	Min of TEMPERATURE	10.9
	Max of TEMPERATURE	12.6
	Average of TEMPERATURE	11.7
21/05/2007	Min of LEVEL	-22.3
	Max of LEVEL	6.7
	Average of LEVEL	-12.1
	Min of TEMPERATURE	10.5
	Max of TEMPERATURE	11.9
	Average of TEMPERATURE	11.1
22/05/2007	Min of LEVEL	-53.9
	Max of LEVEL	-22.2
	Average of LEVEL	-38.9
	Min of TEMPERATURE	7.1
	Max of TEMPERATURE	25.1
	Average of TEMPERATURE	12.7
23/05/2007	Min of LEVEL	-37.7
	Max of LEVEL	-17.6
	Average of LEVEL	-25.0
	Min of TEMPERATURE	12.7
	Max of TEMPERATURE	16.9
	Average of TEMPERATURE	14.6
24/05/2007	Min of LEVEL	-16.4
	Max of LEVEL	11.1
	Average of LEVEL	-5.8
	Min of TEMPERATURE	16.3
	Max of TEMPERATURE	17.1
	Average of TEMPERATURE	16.7
25/05/2007	Min of LEVEL	12.8
	Max of LEVEL	59.8
	Average of LEVEL	40.6
	Min of TEMPERATURE	14.9
	Max of TEMPERATURE	16.6
	Average of TEMPERATURE	15.5
26/05/2007	Min of LEVEL	59.0
	Max of LEVEL	69.0
	Average of LEVEL	63.8
	Min of TEMPERATURE	14.0
	Max of TEMPERATURE	14.9
	Average of TEMPERATURE	14.4
27/05/2007	Min of LEVEL	59.8
	Max of LEVEL	71.2
	Average of LEVEL	66.3
	Min of TEMPERATURE	13.1
	Max of TEMPERATURE	13.9
	Average of TEMPERATURE	13.4
28/05/2007	Min of LEVEL	59.0
	Max of LEVEL	71.6
	Average of LEVEL	65.5
	Min of TEMPERATURE	12.7

	Max of TEMPERATURE	14.5
	Average of TEMPERATURE	13.4
29/05/2007	Min of LEVEL	61.9
	Max of LEVEL	71.6
	Average of LEVEL	65.5
	Min of TEMPERATURE	14.5
	Max of TEMPERATURE	15.7
	Average of TEMPERATURE	14.9
30/05/2007	Min of LEVEL	55.2
	Max of LEVEL	69.9
	Average of LEVEL	63.9
	Min of TEMPERATURE	15.5
	Max of TEMPERATURE	17.2
	Average of TEMPERATURE	15.9
31/05/2007	Min of LEVEL	58.0
	Max of LEVEL	68.7
	Average of LEVEL	62.8
	Min of TEMPERATURE	16.9
	Max of TEMPERATURE	18.4
04/00/0007	Average of TEMPERATURE	17.4
01/06/2007	Min of LEVEL	57.3
	Max of LEVEL	66.0
	Average of LEVEL Min of TEMPERATURE	61.1
	Max of TEMPERATURE	17.7
	Average of TEMPERATURE	19.2 18.3
02/06/2007	Min of LEVEL	52.0
02/00/2007	Max of LEVEL	62.4
	Average of LEVEL	58.7
	Min of TEMPERATURE	18.2
	Max of TEMPERATURE	19.7
	Average of TEMPERATURE	18.9
03/06/2007	Min of LEVEL	53.6
00/00/2001	Max of LEVEL	63.1
	Average of LEVEL	57.3
	Min of TEMPERATURE	18.7
	Max of TEMPERATURE	20.1
	Average of TEMPERATURE	19.1
04/06/2007	Min of LEVEL	48.4
	Max of LEVEL	59.3
	Average of LEVEL	54.6
	Min of TEMPERATURE	19.1
	Max of TEMPERATURE	19.8
	Average of TEMPERATURE	19.5
05/06/2007	Min of LEVEL	45.0
	Max of LEVEL	54.8
	Average of LEVEL	50.0
	Min of TEMPERATURE	17.5
l	Max of TEMPERATURE	19.0

	Average of TEMPERATURE	18.0
06/06/2007	Min of LEVEL	35.4
	Max of LEVEL	47.2
	Average of LEVEL	40.8
	Min of TEMPERATURE	16.6
	Max of TEMPERATURE	18.9
	Average of TEMPERATURE	17.1
07/06/2007	Min of LEVEL	33.0
	Max of LEVEL	62.2
	Average of LEVEL	44.4
	Min of TEMPERATURE	15.1
	Max of TEMPERATURE	17.2
	Average of TEMPERATURE	16.0
08/06/2007	Min of LEVEL	58.3
	Max of LEVEL	70.0
	Average of LEVEL	64.5
	Min of TEMPERATURE	14.4
	Max of TEMPERATURE	15.4
	Average of TEMPERATURE	14.9
09/06/2007	Min of LEVEL	60.4
	Max of LEVEL	70.9
	Average of LEVEL	65.7
	Min of TEMPERATURE	14.4
	Max of TEMPERATURE	15.7
	Average of TEMPERATURE	15.0
10/06/2007	Min of LEVEL	60.8
	Max of LEVEL	70.9
	Average of LEVEL	66.2
	Min of TEMPERATURE	15.6
	Max of TEMPERATURE	18.1
	Average of TEMPERATURE	16.4
11/06/2007	Min of LEVEL	59.3
	Max of LEVEL	71.8
	Average of LEVEL	64.4
	Min of TEMPERATURE	17.6
	Max of TEMPERATURE	19.1
	Average of TEMPERATURE	18.1
12/06/2007	Min of LEVEL	56.5
	Max of LEVEL	67.3
	Average of LEVEL	62.5
	Min of TEMPERATURE	18.6
	Max of TEMPERATURE	21.2
40/00/0007	Average of TEMPERATURE	19.5
13/06/2007	Min of LEVEL	54.8
	Max of LEVEL	65.2
	Average of LEVEL	59.5
	Min of TEMPERATURE	19.9
	Max of TEMPERATURE	22.2
14/00/0007	Average of TEMPERATURE	20.7
14/06/2007	Min of LEVEL	52.1

	Max of LEVEL	59.7
	Average of LEVEL	55.5
	Min of TEMPERATURE	20.7
	Max of TEMPERATURE	23.1
	Average of TEMPERATURE	21.5
15/06/2007	Min of LEVEL	44.1
	Max of LEVEL	53.6
	Average of LEVEL	48.6
	Min of TEMPERATURE	21.3
	Max of TEMPERATURE	23.4
	Average of TEMPERATURE	22.4

## Appendix "B" Fall 2007 Pivot Table Data

#### Fall 2007 Data

DATE	Data	Total
15/09/2007	Min of LEVEL	65.6
	Max of LEVEL	74.2
	Average of LEVEL	69.8
	Min of TEMPERATURE	10.8
	Max of TEMPERATURE	12.1
	Average of TEMPERATURE	11.3
16/09/2007	Min of LEVEL	61.7
	Max of LEVEL	68.8
	Average of LEVEL	65.1
	Min of TEMPERATURE	10.7
	Max of TEMPERATURE	12.4
	Average of TEMPERATURE	11.4
17/09/2007	Min of LEVEL	52.9
	Max of LEVEL	61.9
	Average of LEVEL	57.4
	Min of TEMPERATURE	12.0
	Max of TEMPERATURE	13.0
	Average of TEMPERATURE	12.4
18/09/2007	Min of LEVEL	48.2
	Max of LEVEL	53.9
	Average of LEVEL	51.0
	Min of TEMPERATURE	13.0
	Max of TEMPERATURE	14.3
	Average of TEMPERATURE	13.3
19/09/2007	Min of LEVEL	47.7
	Max of LEVEL	89.3
	Average of LEVEL	63.5
	Min of TEMPERATURE	13.5
	Max of TEMPERATURE	15.6
	Average of TEMPERATURE	14.9
20/09/2007	Min of LEVEL	89.9
	Max of LEVEL	112.0
	Average of LEVEL	98.9
	Min of TEMPERATURE	12.7
	Max of TEMPERATURE	15.4
	Average of TEMPERATURE	13.4
21/09/2007	Min of LEVEL	98.4
	Max of LEVEL	113.1
	Average of LEVEL	106.3
	Min of TEMPERATURE	12.7

	Max of TEMPERATURE	13.4
	Average of TEMPERATURE	13.0
22/09/2007	Min of LEVEL	95.2
	Max of LEVEL	108.7
	Average of LEVEL	102.9
	Min of TEMPERATURE	12.4
	Max of TEMPERATURE	13.6
	Average of TEMPERATURE	13.0
23/09/2007	Min of LEVEL	92.0
	Max of LEVEL	109.2
	Average of LEVEL	100.7
	Min of TEMPERATURE	12.3
	Max of TEMPERATURE	13.8
	Average of TEMPERATURE	13.0
24/09/2007	Min of LEVEL	94.0
	Max of LEVEL	103.7
	Average of LEVEL	97.1
	Min of TEMPERATURE	13.3
	Max of TEMPERATURE	15.2
	Average of TEMPERATURE	14.0
25/09/2007	Min of LEVEL	89.8
	Max of LEVEL	100.1
	Average of LEVEL	95.3
	Min of TEMPERATURE	15.1
	Max of TEMPERATURE	15.5
00/00/0007	Average of TEMPERATURE	15.3
26/09/2007	Min of LEVEL Max of LEVEL	87.8 96.2
	Average of LEVEL	90.2
	Min of TEMPERATURE	13.9
	Max of TEMPERATURE	15.9
	Average of TEMPERATURE	14.4
27/09/2007	Min of LEVEL	82.8
21703/2001	Max of LEVEL	93.5
	Average of LEVEL	88.6
	Min of TEMPERATURE	14.0
	Max of TEMPERATURE	14.8
	Average of TEMPERATURE	14.3
28/09/2007	Min of LEVEL	79.9
	Max of LEVEL	90.8
	Average of LEVEL	85.6
	Min of TEMPERATURE	13.6
	Max of TEMPERATURE	14.6
	Average of TEMPERATURE	14.1
29/09/2007	Min of LEVEL	76.7
	Max of LEVEL	88.9
	Average of LEVEL	83.3
	Min of TEMPERATURE	13.4
	Max of TEMPERATURE	14.1
	Average of TEMPERATURE	13.7

30/09/2007   Min of LEVEL   87.4   Average of LEVEL   81.4   Min of TEMPERATURE   13.9   Average of TEMPERATURE   13.9   Average of TEMPERATURE   13.5   Min of LEVEL   Min of TEMPERATURE   13.5   Min of LEVEL   Min of TEMPERATURE   13.7   Max of LEVEL   Min of TEMPERATURE   13.8   Max of TEMPERATURE   13.8   Max of TEMPERATURE   13.8   Min of TEMPERATURE   13.8   Min of LEVEL   Min of TEMPERATURE   13.8   Min of LEVEL   Min of TEMPERATURE   13.6   Max of TEMPERATURE   13.7   Max of TEMPERATURE   13.7   Max of TEMPERATURE   13.7   Max of TEMPERATURE   13.7   Min of LEVEL   Min of TEMPERATURE   13.7   Min of LEVEL   Min of TEMPERATURE   13.3   Max of TEMPERATURE   13.8   Max of TEMPERATURE   13.8   Max of TEMPERATURE   13.8   Max of TEMPERATURE   13.8   Max of TEMPERATURE   13.6   Min of LEVEL   Min of TEMPERATURE   13.6   Min of LEVEL   Min of TEMPERATURE   13.6   Max of TEMPERATURE   13.6   Max of TEMPERATURE   13.6   Max of TEMPERATURE   13.6   Max of TEMPERATURE   13.6   Min of TEMPERATURE   13.6   Min of TEMPERATURE   13.6   Min of TEMPERATURE   13.6   Min of TEMPERATURE   13.5   Min of TEMPERATURE   13.5   Min of TEMPERATURE   13.5   Min of TEMPERATURE   13.9   Max of TEMPERATURE   13.9   Max of TEMPERATURE   13.9   Max of TEMPERATURE   13.9   Min of TEMPERATURE			
Average of LEVEL Min of TEMPERATURE Max of TEMPERATURE Average of TEMPERATURE  01/10/2007  Min of LEVEL Average of LEVEL Max of LEVEL Average of LEVEL Min of TEMPERATURE  Min of TEMPERATURE Average of LEVEL Min of TEMPERATURE  Min of LEVEL Average of TEMPERATURE  Min of LEVEL Max of LEVEL Min of TEMPERATURE  Min of TEMPERATURE  Min of TEMPERATURE  Max of LEVEL Min of TEMPERATURE  Max of TEMPERATURE  Max of TEMPERATURE  Max of TEMPERATURE  Min of LEVEL Min of TEMPERATURE  Max of LEVEL Average of LEVEL Min of TEMPERATURE  Max of TEMPERATURE  Max of TEMPERATURE  Max of TEMPERATURE  Min of TEMPERATURE  Max of LEVEL Average of TEMPERATURE  Min of TEMPERATURE  Max	30/09/2007	Min of LEVEL	74.3
Min of TEMPERATURE		Max of LEVEL	87.4
Max of TEMPERATURE         13.9           Average of TEMPERATURE         13.5           01/10/2007         Min of LEVEL         84.2           Max of LEVEL         92.6           Average of LEVEL         87.5           Min of TEMPERATURE         13.7           Max of TEMPERATURE         14.0           Average of TEMPERATURE         13.8           02/10/2007         Min of LEVEL         90.2           Max of TEMPERATURE         13.6           Max of TEMPERATURE         13.6           Max of TEMPERATURE         13.7           Max of TEMPERATURE         13.6           Max of TEMPERATURE         13.6           Max of TEMPERATURE         13.6           Max of LEVEL         111.2           Average of LEVEL         102.1           Min of TEMPERATURE         13.3           Max of TEMPERATURE         13.8           Average of TEMPERATURE         13.6           Max of LEVEL         116.4           Average of LEVEL         110.4           Min of LEVEL         110.4           Max of TEMPERATURE         14.0           Average of TEMPERATURE         13.5           05/10/2007         Min of LEVEL         95.8<		Average of LEVEL	81.4
Average of TEMPERATURE   3.5		Min of TEMPERATURE	13.4
01/10/2007         Min of LEVEL         84.2           Max of LEVEL         92.6           Average of LEVEL         87.5           Min of TEMPERATURE         13.7           Max of TEMPERATURE         14.0           Average of TEMPERATURE         13.8           02/10/2007         Min of LEVEL         94.4           Average of LEVEL         90.2           Min of TEMPERATURE         13.6           Max of TEMPERATURE         13.9           Average of TEMPERATURE         13.7           Max of LEVEL         89.1           Max of LEVEL         102.1           Min of TEMPERATURE         13.8           Max of TEMPERATURE         13.8           Average of LEVEL         102.1           Min of TEMPERATURE         13.8           Average of TEMPERATURE         13.8           04/10/2007         Min of LEVEL         99.7           Max of TEMPERATURE         14.0           Average of LEVEL         110.4           Min of LEVEL         95.8           Max of TEMPERATURE         13.5           05/10/2007         Min of LEVEL         95.8           Max of TEMPERATURE         13.9           Average of TEMPERATURE		Max of TEMPERATURE	13.9
Max of LEVEL         92.6           Average of LEVEL         87.5           Min of TEMPERATURE         13.7           Max of TEMPERATURE         14.0           Average of TEMPERATURE         13.8           02/10/2007         Min of LEVEL         94.4           Average of LEVEL         90.2           Min of TEMPERATURE         13.6           Max of TEMPERATURE         13.7           03/10/2007         Min of LEVEL         89.1           Max of LEVEL         111.2           Average of LEVEL         102.1           Max of TEMPERATURE         13.3           Max of TEMPERATURE         13.3           Max of TEMPERATURE         13.6           04/10/2007         Min of LEVEL         99.7           Max of LEVEL         116.4           Average of LEVEL         110.4           Min of TEMPERATURE         12.9           O5/10/2007         Min of LEVEL         95.8           Max of LEVEL         15.5           Average of LEVEL         105.1           Min of TEMPERATURE         13.9           Average of TEMPERATURE         13.0           06/10/2007         Min of LEVEL         90.9           Max of LE		Average of TEMPERATURE	13.5
Average of LEVEL Min of TEMPERATURE Max of TEMPERATURE Average of TEMPERATURE  02/10/2007 Min of LEVEL Average of LEVEL Min of TEMPERATURE Max of TEMPERATURE  13.8  02/10/2007 Min of LEVEL Min of TEMPERATURE Max of TEMPERATURE Average of TEMPERATURE  Average of TEMPERATURE  Max of LEVEL Average of LEVEL Min of TEMPERATURE  Max of LEVEL Average of LEVEL Min of TEMPERATURE  Max of TEMPERATURE  Max of TEMPERATURE  Max of TEMPERATURE  Max of TEMPERATURE  13.8 Average of TEMPERATURE  Max of LEVEL Average of LEVEL Min of TEMPERATURE  Max of LEVEL Average of LEVEL Min of TEMPERATURE  Max of TEMPERATURE  Max of TEMPERATURE  Max of TEMPERATURE  Max of TEMPERATURE  13.5  05/10/2007 Min of LEVEL Max of LEVEL Max of TEMPERATURE  13.0  06/10/2007 Min of LEVEL Max of TEMPERATURE  12.3 Average of LEVEL  Min of TEMPERATURE  Max of	01/10/2007	Min of LEVEL	84.2
Min of TEMPERATURE         13.7           Max of TEMPERATURE         14.0           Average of TEMPERATURE         13.8           02/10/2007         Min of LEVEL         82.9           Max of LEVEL         94.4           Average of LEVEL         90.2           Min of TEMPERATURE         13.6           Max of TEMPERATURE         13.7           03/10/2007         Min of LEVEL         89.1           Max of LEVEL         111.2           Average of LEVEL         102.1           Min of TEMPERATURE         13.8           Average of LEVEL         102.1           Min of TEMPERATURE         13.8           Average of TEMPERATURE         13.6           04/10/2007         Min of LEVEL         99.7           Max of LEVEL         116.4           Average of LEVEL         110.4           Min of TEMPERATURE         12.9           Max of TEMPERATURE         13.5           05/10/2007         Min of LEVEL         95.8           Max of LEVEL         105.1           Min of TEMPERATURE         13.9           Average of LEVEL         90.9           Max of TEMPERATURE         13.0           06/10/2007         Mi		Max of LEVEL	92.6
Max of TEMPERATURE         14.0           Average of TEMPERATURE         13.8           02/10/2007         Min of LEVEL         82.9           Max of LEVEL         94.4           Average of LEVEL         90.2           Min of TEMPERATURE         13.6           Max of TEMPERATURE         13.9           Average of TEMPERATURE         13.7           03/10/2007         Min of LEVEL         89.1           Max of LEVEL         111.2           Average of LEVEL         102.1           Min of TEMPERATURE         13.3           Max of TEMPERATURE         13.6           04/10/2007         Min of LEVEL         99.7           Max of LEVEL         116.4           Average of LEVEL         110.4           Min of TEMPERATURE         12.9           Max of TEMPERATURE         13.5           05/10/2007         Min of LEVEL         95.8           Max of LEVEL         105.1           Min of TEMPERATURE         13.0           06/10/2007         Min of LEVEL         90.9           Max of TEMPERATURE         13.0           06/10/2007         Min of LEVEL         90.9           Max of TEMPERATURE         12.3		Average of LEVEL	87.5
02/10/2007       Min of LEVEL       82.9         Max of LEVEL       94.4         Average of LEVEL       90.2         Min of TEMPERATURE       13.6         Max of TEMPERATURE       13.9         Average of TEMPERATURE       13.7         03/10/2007       Min of LEVEL       89.1         Max of LEVEL       111.2         Average of LEVEL       102.1         Min of TEMPERATURE       13.3         Max of TEMPERATURE       13.6         04/10/2007       Min of LEVEL       99.7         Max of LEVEL       116.4         Average of LEVEL       110.4         Min of TEMPERATURE       12.9         Max of TEMPERATURE       13.5         05/10/2007       Min of LEVEL       95.8         Max of TEMPERATURE       13.5         05/10/2007       Min of LEVEL       105.1         Max of TEMPERATURE       13.0         06/10/2007       Min of LEVEL       90.9         Max of TEMPERATURE       13.0         06/10/2007       Min of LEVEL       90.9         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.3         Average of TEMPERATURE       12.3		Min of TEMPERATURE	13.7
02/10/2007         Min of LEVEL         94.4           Max of LEVEL         94.4           Average of LEVEL         90.2           Min of TEMPERATURE         13.6           Max of TEMPERATURE         13.9           Average of TEMPERATURE         13.7           03/10/2007         Min of LEVEL         89.1           Max of LEVEL         111.2           Average of LEVEL         102.1           Min of TEMPERATURE         13.8           Average of LEVEL         13.6           Max of TEMPERATURE         13.6           04/10/2007         Min of LEVEL         99.7           Max of LEVEL         110.4           Average of LEVEL         110.4           Max of TEMPERATURE         14.0           Average of TEMPERATURE         13.5           05/10/2007         Min of LEVEL         95.8           Max of LEVEL         105.1           Max of TEMPERATURE         13.9           Average of LEVEL         105.1           Max of TEMPERATURE         13.9           Average of TEMPERATURE         13.0           06/10/2007         Min of LEVEL         90.9           Max of TEMPERATURE         12.3           Aver		Max of TEMPERATURE	14.0
Max of LEVEL   94.4     Average of LEVEL   90.2     Min of TEMPERATURE   13.6     Max of TEMPERATURE   13.7     O3/10/2007   Min of LEVEL   89.1     Max of LEVEL   111.2     Average of LEVEL   102.1     Min of TEMPERATURE   13.8     Max of TEMPERATURE   13.8     Max of TEMPERATURE   13.6     O4/10/2007   Min of LEVEL   99.7     Max of LEVEL   110.4     Min of TEMPERATURE   12.9     Max of TEMPERATURE   14.0     Average of TEMPERATURE   13.5     O5/10/2007   Min of LEVEL   95.8     Max of TEMPERATURE   115.5     Average of LEVEL   105.1     Min of TEMPERATURE   13.9     Average of TEMPERATURE   13.0     O6/10/2007   Min of LEVEL   90.9     Max of TEMPERATURE   13.0     O6/10/2007   Min of LEVEL   90.9     Max of TEMPERATURE   11.8     Max of TEMPERATURE   12.3     Average of LEVEL   90.9     Max of TEMPERATURE   12.3     Average of TEMPERATURE   12.3     Average of LEVEL   90.7     Min of TEMPERATURE   12.3     Average of TEMPERATURE   12.3     Average of LEVEL   97.7     Min of TEMPERATURE   11.6     Max of TEMPERATURE   11.6     Max of TEMPERATURE   12.3     Average of TEMPERATURE   12.3     Average of TEMPERATURE   12.3     Average of TEMPERATURE   12.3     Average of TEMPERATURE   11.6     Max of TEMPERATURE   12.3     Average of TEMPERATURE   11.8     O8/10/2007   Min of LEVEL   92.9		Average of TEMPERATURE	13.8
Average of LEVEL Min of TEMPERATURE Max of TEMPERATURE Average of TEMPERATURE  03/10/2007 Min of LEVEL Average of LEVEL Min of TEMPERATURE  13.7  03/10/2007 Min of LEVEL Average of LEVEL Min of TEMPERATURE  Average of TEMPERATURE  13.8 Average of TEMPERATURE  13.8 Average of TEMPERATURE  13.6  04/10/2007 Min of LEVEL Min of TEMPERATURE  Average of LEVEL Min of TEMPERATURE  Average of TEMPERATURE  13.5  05/10/2007 Min of LEVEL Max of TEMPERATURE  Average of TEMPERATURE  13.5  06/10/2007 Min of LEVEL Max of TEMPERATURE  Average of LEVEL Min of TEMPERATURE  Average of TEMPERATURE  13.0  06/10/2007 Min of LEVEL Max of TEMPERATURE  Average of TEMPERATURE  13.0  06/10/2007 Min of LEVEL Min of TEMPERATURE  Average of TEMPERATURE  11.8  Max of TEMPERATURE  12.3  Average of LEVEL Min of TEMPERATURE  12.3  Average of TEMPERATURE  12.3  Average of TEMPERATURE  12.3  Average of LEVEL Min of TEMPERATURE  12.3  Average of LEVEL Min of TEMPERATURE  12.3  Average of LEVEL Min of TEMPERATURE  12.3  Average of LEVEL Max of TEMPERATURE  12.3  Average of LEVEL Min of TEMPERATURE  12.3  Average of LEVEL Min of TEMPERATURE  11.6  Max of TEMPERATURE  12.3  Average of TEMPERATURE  11.8  08/10/2007 Min of LEVEL  92.9	02/10/2007	Min of LEVEL	82.9
Min of TEMPERATURE   13.6     Max of TEMPERATURE   13.9     Average of TEMPERATURE   13.7     O3/10/2007   Min of LEVEL   89.1     Max of LEVEL   111.2     Average of LEVEL   102.1     Min of TEMPERATURE   13.3     Max of TEMPERATURE   13.8     Average of TEMPERATURE   13.6     O4/10/2007   Min of LEVEL   99.7     Max of LEVEL   110.4     Average of LEVEL   110.4     Min of TEMPERATURE   12.9     Max of TEMPERATURE   14.0     Average of TEMPERATURE   13.5     O5/10/2007   Min of LEVEL   95.8     Max of LEVEL   115.5     Average of LEVEL   105.1     Min of TEMPERATURE   12.4     Max of TEMPERATURE   13.0     O6/10/2007   Min of LEVEL   90.9     Max of TEMPERATURE   11.8     Max of TEMPERATURE   12.3     Average of TEMPERATURE   12.3     Average of TEMPERATURE   12.0     O7/10/2007   Min of LEVEL   93.0     Max of LEVEL   93.0     Max of LEVEL   97.7     Min of TEMPERATURE   11.6     Max of TEMPERATURE   11.6     Max of TEMPERATURE   11.6     Max of TEMPERATURE   11.8     O8/10/2007   Min of LEVEL   92.9		Max of LEVEL	94.4
Max of TEMPERATURE   13.9     Average of TEMPERATURE   13.7     O3/10/2007   Min of LEVEL   111.2     Average of LEVEL   102.1     Min of TEMPERATURE   13.3     Max of TEMPERATURE   13.8     Average of TEMPERATURE   13.6     O4/10/2007   Min of LEVEL   104.4     Average of TEMPERATURE   14.0     Average of TEMPERATURE   13.5     O5/10/2007   Min of LEVEL   115.5     Average of LEVEL   115.5     Average of LEVEL   105.1     Min of TEMPERATURE   12.4     Max of TEMPERATURE   13.9     Average of TEMPERATURE   13.0     O6/10/2007   Min of LEVEL   90.9     Max of LEVEL   104.4     Average of TEMPERATURE   13.0     O6/10/2007   Min of LEVEL   90.9     Max of LEVEL   104.4     Average of LEVEL   104.4     Average of LEVEL   90.9     Max of TEMPERATURE   11.8     Max of TEMPERATURE   12.3     Average of TEMPERATURE   12.0     O7/10/2007   Min of LEVEL   93.0     Max of LEVEL   97.7     Min of TEMPERATURE   11.6     Max of TEMPERATURE   11.6     Max of TEMPERATURE   11.6     Max of TEMPERATURE   11.8     Average of TEMPERATURE   11.6     Max of TEMPERATURE   11.8     Average of TEMPERATURE   11.6     Max of TEMPERATURE   12.3     Average of TEMPERATURE   11.6     Max of TEMPERATURE   11.6     Max of TEMPERATURE   12.3     Average of TEMPERATURE   11.6     Max of TEMPERATURE   11.8     O8/10/2007   Min of LEVEL   92.9		Average of LEVEL	90.2
03/10/2007       Min of LEVEL       89.1         Max of LEVEL       111.2         Average of LEVEL       102.1         Min of TEMPERATURE       13.3         Max of TEMPERATURE       13.6         04/10/2007       Min of LEVEL       99.7         Max of LEVEL       116.4         Average of LEVEL       110.4         Min of TEMPERATURE       12.9         Max of TEMPERATURE       14.0         Average of TEMPERATURE       13.5         05/10/2007       Min of LEVEL       95.8         Max of LEVEL       105.1         Min of TEMPERATURE       12.4         Max of TEMPERATURE       13.9         Average of TEMPERATURE       13.0         06/10/2007       Min of LEVEL       90.9         Max of LEVEL       104.4         Average of LEVEL       96.8         Min of TEMPERATURE       11.8         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.0         07/10/2007       Min of LEVEL       93.0         Max of TEMPERATURE       11.6         Max of TEMPERATURE       11.6         Max of TEMPERATURE       11.6         Max of TEMPERATURE		Min of TEMPERATURE	13.6
03/10/2007       Min of LEVEL       89.1         Max of LEVEL       111.2         Average of LEVEL       102.1         Min of TEMPERATURE       13.3         Max of TEMPERATURE       13.6         04/10/2007       Min of LEVEL       99.7         Max of LEVEL       116.4         Average of LEVEL       110.4         Min of TEMPERATURE       12.9         Max of TEMPERATURE       14.0         Average of TEMPERATURE       13.5         05/10/2007       Min of LEVEL       95.8         Max of LEVEL       115.5         Average of LEVEL       105.1         Min of TEMPERATURE       13.9         Average of TEMPERATURE       13.0         06/10/2007       Min of LEVEL       90.9         Max of TEMPERATURE       11.8         Max of TEMPERATURE       11.8         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.0         07/10/2007       Min of LEVEL       93.0         Max of TEMPERATURE       103.9         Average of LEVEL       97.7         Min of TEMPERATURE       11.6         Max of TEMPERATURE       11.6         Max of TEMPERATURE		Max of TEMPERATURE	13.9
Max of LEVEL   111.2     Average of LEVEL   102.1     Min of TEMPERATURE   13.3     Max of TEMPERATURE   13.8     Average of TEMPERATURE   13.6     O4/10/2007   Min of LEVEL   99.7     Max of LEVEL   116.4     Average of LEVEL   110.4     Min of TEMPERATURE   12.9     Max of TEMPERATURE   14.0     Average of TEMPERATURE   13.5     O5/10/2007   Min of LEVEL   95.8     Max of LEVEL   105.1     Min of TEMPERATURE   12.4     Max of TEMPERATURE   13.9     Average of TEMPERATURE   13.0     O6/10/2007   Min of LEVEL   90.9     Max of LEVEL   90.9     Max of LEVEL   104.4     Average of LEVEL   96.8     Min of TEMPERATURE   11.8     Max of TEMPERATURE   12.3     Average of TEMPERATURE   12.0     O7/10/2007   Min of LEVEL   93.0     Max of LEVEL   97.7     Min of TEMPERATURE   11.6     Max of TEMPERATURE   11.6     Max of TEMPERATURE   12.3     Average of TEMPERATURE   11.6     Max of TEMPERATURE   11.6     Max of TEMPERATURE   12.3     Average of TEMPERATURE   11.6     Max of TEMPERATURE   12.3     Average of TEMPERATURE   12.3     Average of TEMPERATURE   12.3     Average of TEMPERATURE   11.8     O8/10/2007   Min of LEVEL   92.9		Average of TEMPERATURE	13.7
Average of LEVEL Min of TEMPERATURE Max of TEMPERATURE Average of TEMPERATURE  04/10/2007 Min of LEVEL Average of LEVEL Min of TEMPERATURE  13.6  04/10/2007 Min of LEVEL Average of LEVEL Min of TEMPERATURE  Max of TEMPERATURE Average of TEMPERATURE  Max of TEMPERATURE  Max of LEVEL Average of LEVEL Min of TEMPERATURE  Max of LEVEL Min of TEMPERATURE  Average of LEVEL Min of TEMPERATURE  Max of TEMPERATURE  Average of TEMPERATURE  Max of TEMPERATURE  Average of TEMPERATURE  Max of TEMPERATURE  Max of LEVEL Min of TEMPERATURE  Max of LEVEL Average of LEVEL Min of TEMPERATURE  Max of TEMPERATURE  Max of TEMPERATURE  11.8  Max of TEMPERATURE  12.0  07/10/2007 Min of LEVEL Max of TEMPERATURE  Max of TEMPERATURE  12.3 Average of LEVEL Min of TEMPERATURE  Max of LEVEL Average of LEVEL Max of TEMPERATURE  Max of TEMPERATURE  103.9  Average of LEVEL Min of TEMPERATURE  Max of TEMPER	03/10/2007	Min of LEVEL	89.1
Min of TEMPERATURE   13.8     Max of TEMPERATURE   13.6     O4/10/2007   Min of LEVEL   99.7     Max of LEVEL   116.4     Average of LEVEL   110.4     Min of TEMPERATURE   12.9     Max of TEMPERATURE   14.0     Average of TEMPERATURE   13.5     O5/10/2007   Min of LEVEL   95.8     Max of LEVEL   105.1     Min of TEMPERATURE   12.4     Max of TEMPERATURE   13.9     Average of TEMPERATURE   13.0     O6/10/2007   Min of LEVEL   90.9     Max of LEVEL   90.9     Max of LEVEL   104.4     Average of LEVEL   96.8     Min of TEMPERATURE   11.8     Max of TEMPERATURE   12.3     Average of TEMPERATURE   12.0     O7/10/2007   Min of LEVEL   93.0     Max of LEVEL   93.0     Max of LEVEL   103.9     Average of LEVEL   97.7     Min of TEMPERATURE   11.6     Max of TEMPERATURE   12.3     Average of TEMPERATURE   11.6     Max of TEMPERATURE   12.3     Average		Max of LEVEL	111.2
Max of TEMPERATURE       13.8         Average of TEMPERATURE       13.6         04/10/2007       Min of LEVEL       99.7         Max of LEVEL       116.4         Average of LEVEL       110.4         Min of TEMPERATURE       12.9         Max of TEMPERATURE       14.0         Average of TEMPERATURE       13.5         05/10/2007       Min of LEVEL       95.8         Max of LEVEL       105.1         Min of TEMPERATURE       12.4         Max of TEMPERATURE       13.9         Average of TEMPERATURE       13.0         06/10/2007       Min of LEVEL       90.9         Max of LEVEL       96.8         Min of TEMPERATURE       11.8         Average of LEVEL       96.8         Min of TEMPERATURE       12.3         Average of TEMPERATURE       12.0         07/10/2007       Min of LEVEL       93.0         Max of LEVEL       97.7         Min of TEMPERATURE       11.6         Max of TEMPERATURE       11.6         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.3         Average of TEMPERATURE       12.3         Average of TEMPERATURE		Average of LEVEL	102.1
04/10/2007       Min of LEVEL       99.7         Max of LEVEL       116.4         Average of LEVEL       110.4         Min of TEMPERATURE       12.9         Max of TEMPERATURE       14.0         Average of TEMPERATURE       13.5         05/10/2007       Min of LEVEL       95.8         Max of LEVEL       115.5         Average of LEVEL       105.1         Min of TEMPERATURE       13.9         Average of TEMPERATURE       13.0         06/10/2007       Min of LEVEL       90.9         Max of LEVEL       96.8         Min of TEMPERATURE       11.8         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.0         07/10/2007       Min of LEVEL       93.0         Max of LEVEL       93.0         Max of LEVEL       97.7         Min of TEMPERATURE       11.6         Max of TEMPERATURE       11.6         Max of TEMPERATURE       12.3         Average of TEMPERATURE       1		Min of TEMPERATURE	13.3
04/10/2007       Min of LEVEL       99.7         Max of LEVEL       116.4         Average of LEVEL       110.4         Min of TEMPERATURE       12.9         Max of TEMPERATURE       14.0         Average of TEMPERATURE       13.5         05/10/2007       Min of LEVEL       95.8         Max of LEVEL       105.1         Min of TEMPERATURE       12.4         Max of TEMPERATURE       13.9         Average of TEMPERATURE       13.0         06/10/2007       Min of LEVEL       90.9         Max of LEVEL       96.8         Min of TEMPERATURE       11.8         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.0         07/10/2007       Min of LEVEL       93.0         Max of LEVEL       93.0         Max of LEVEL       97.7         Min of TEMPERATURE       11.6         Max of TEMPERATURE       11.6         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.3         Average of TEMPERATURE       12.3         Average of TEMPERATURE       12.3         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.3		Max of TEMPERATURE	13.8
Max of LEVEL 116.4 Average of LEVEL 110.4 Min of TEMPERATURE 12.9 Max of TEMPERATURE 14.0 Average of TEMPERATURE 13.5  05/10/2007 Min of LEVEL 95.8 Max of LEVEL 115.5 Average of LEVEL 105.1 Min of TEMPERATURE 12.4 Max of TEMPERATURE 13.0  06/10/2007 Min of LEVEL 90.9 Max of LEVEL 90.9 Max of LEVEL 104.4 Average of LEVEL 96.8 Min of TEMPERATURE 11.8 Max of TEMPERATURE 12.3 Average of TEMPERATURE 12.0  07/10/2007 Min of LEVEL 93.0 Max of TEMPERATURE 12.3 Average of LEVEL 97.7 Min of TEMPERATURE 11.6 Max of TEMPERATURE 11.6 Max of TEMPERATURE 11.6 Max of TEMPERATURE 11.8 Max of TEMPERATURE 11.6 Max of TEMPERATURE 11.8 Max of TEMPERATURE 11.8 Max of TEMPERATURE 11.8 Max of TEMPERATURE 11.6 Max of TEMPERATURE 12.3 Average of TEMPERATURE 11.8		Average of TEMPERATURE	13.6
Average of LEVEL 110.4 Min of TEMPERATURE 12.9 Max of TEMPERATURE 14.0 Average of TEMPERATURE 13.5  05/10/2007 Min of LEVEL 95.8 Max of LEVEL 115.5 Average of LEVEL 105.1 Min of TEMPERATURE 12.4 Max of TEMPERATURE 13.9 Average of TEMPERATURE 13.0  06/10/2007 Min of LEVEL 90.9 Max of LEVEL 90.9 Max of LEVEL 104.4 Average of LEVEL 96.8 Min of TEMPERATURE 11.8 Max of TEMPERATURE 12.3 Average of TEMPERATURE 12.0  07/10/2007 Min of LEVEL 93.0 Max of TEMPERATURE 12.3 Average of LEVEL 97.7 Min of TEMPERATURE 11.6 Max of TEMPERATURE 11.6 Max of TEMPERATURE 11.8 Max of TEMPERATURE 11.6 Max of TEMPERATURE 11.8 Max of TEMPERATURE 11.8 Max of TEMPERATURE 11.8 Max of TEMPERATURE 11.6 Max of TEMPERATURE 12.3 Average of TEMPERATURE 11.8	04/10/2007		99.7
Min of TEMPERATURE   12.9     Max of TEMPERATURE   14.0     Average of TEMPERATURE   13.5     05/10/2007   Min of LEVEL   95.8     Max of LEVEL   115.5     Average of LEVEL   105.1     Min of TEMPERATURE   12.4     Max of TEMPERATURE   13.0     O6/10/2007   Min of LEVEL   90.9     Max of LEVEL   104.4     Average of LEVEL   96.8     Min of TEMPERATURE   11.8     Max of TEMPERATURE   12.3     Average of TEMPERATURE   12.0     O7/10/2007   Min of LEVEL   93.0     Max of LEVEL   97.7     Min of TEMPERATURE   11.6     Max of TEMPERATURE   11.6     Max of TEMPERATURE   11.8     Average of TEMPERATURE   12.3     Average of TEMPERATURE   11.6     Max of TEMPERATURE   11.8     O8/10/2007   Min of LEVEL   92.9		Max of LEVEL	116.4
Max of TEMPERATURE       14.0         Average of TEMPERATURE       13.5         05/10/2007       Min of LEVEL       95.8         Max of LEVEL       115.5         Average of LEVEL       105.1         Min of TEMPERATURE       12.4         Max of TEMPERATURE       13.9         Average of TEMPERATURE       13.0         06/10/2007       Min of LEVEL       90.9         Max of LEVEL       96.8         Min of TEMPERATURE       11.8         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.0         07/10/2007       Min of LEVEL       93.0         Max of LEVEL       97.7         Min of TEMPERATURE       11.6         Max of TEMPERATURE       11.6         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.3         Average of TEMPERATURE       12.3         Average of TEMPERATURE       11.8         08/10/2007       Min of LEVEL       92.9		Average of LEVEL	110.4
Average of TEMPERATURE       13.5         05/10/2007       Min of LEVEL       95.8         Max of LEVEL       115.5         Average of LEVEL       105.1         Min of TEMPERATURE       12.4         Max of TEMPERATURE       13.9         Average of TEMPERATURE       13.0         06/10/2007       Min of LEVEL       90.9         Max of LEVEL       96.8         Min of TEMPERATURE       11.8         Average of TEMPERATURE       12.3         Average of TEMPERATURE       12.0         07/10/2007       Min of LEVEL       93.0         Max of LEVEL       97.7         Min of TEMPERATURE       11.6         Max of TEMPERATURE       11.6         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.3         Average of TEMPERATURE       12.3         Average of TEMPERATURE       12.3         Average of TEMPERATURE       12.3         O8/10/2007       Min of LEVEL       92.9		Min of TEMPERATURE	12.9
05/10/2007         Min of LEVEL         95.8           Max of LEVEL         115.5           Average of LEVEL         105.1           Min of TEMPERATURE         12.4           Max of TEMPERATURE         13.9           Average of TEMPERATURE         13.0           06/10/2007         Min of LEVEL         90.9           Max of LEVEL         104.4           Average of LEVEL         96.8           Min of TEMPERATURE         11.8           Average of TEMPERATURE         12.3           Average of TEMPERATURE         103.9           Average of LEVEL         97.7           Min of TEMPERATURE         11.6           Max of TEMPERATURE         12.3           Average of TEMPE		Max of TEMPERATURE	14.0
Max of LEVEL       115.5         Average of LEVEL       105.1         Min of TEMPERATURE       12.4         Max of TEMPERATURE       13.9         Average of TEMPERATURE       13.0         06/10/2007       Min of LEVEL       90.9         Max of LEVEL       104.4         Average of LEVEL       96.8         Min of TEMPERATURE       11.8         Average of TEMPERATURE       12.3         Average of TEMPERATURE       103.9         Average of LEVEL       97.7         Min of TEMPERATURE       11.6         Max of TEMPERATURE       11.6         Max of TEMPERATURE       12.3         Average of TEMPERATURE       11.8         08/10/2007       Min of LEVEL       92.9		Average of TEMPERATURE	13.5
Average of LEVEL Min of TEMPERATURE Max of TEMPERATURE Average of TEMPERATURE 13.9 Average of TEMPERATURE 13.0  06/10/2007 Min of LEVEL Max of LEVEL Average of LEVEL Min of TEMPERATURE 11.8 Max of TEMPERATURE 12.3 Average of TEMPERATURE 12.0  07/10/2007 Min of LEVEL Max of LEVEL Average of LEVEL Max of TEMPERATURE 103.9 Average of LEVEL Max of TEMPERATURE 11.6 Max of TEMPERATURE 11.8  08/10/2007 Min of LEVEL 92.9	05/10/2007	_	
Min of TEMPERATURE       12.4         Max of TEMPERATURE       13.9         Average of TEMPERATURE       13.0         06/10/2007       Min of LEVEL       90.9         Max of LEVEL       104.4         Average of LEVEL       96.8         Min of TEMPERATURE       11.8         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.0         07/10/2007       Min of LEVEL       93.0         Max of LEVEL       97.7         Min of TEMPERATURE       11.6         Max of TEMPERATURE       12.3         Average of TEMPERATURE       11.8         08/10/2007       Min of LEVEL       92.9		Max of LEVEL	115.5
Max of TEMPERATURE       13.9         Average of TEMPERATURE       13.0         06/10/2007       Min of LEVEL       90.9         Max of LEVEL       104.4         Average of LEVEL       96.8         Min of TEMPERATURE       11.8         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.0         07/10/2007       Min of LEVEL       93.0         Max of LEVEL       103.9         Average of LEVEL       97.7         Min of TEMPERATURE       11.6         Max of TEMPERATURE       12.3         Average of TEMPERATURE       11.8         08/10/2007       Min of LEVEL       92.9		Average of LEVEL	105.1
Average of TEMPERATURE       13.0         06/10/2007       Min of LEVEL       90.9         Max of LEVEL       104.4         Average of LEVEL       96.8         Min of TEMPERATURE       11.8         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.0         07/10/2007       Min of LEVEL       93.0         Max of LEVEL       103.9         Average of LEVEL       97.7         Min of TEMPERATURE       11.6         Max of TEMPERATURE       12.3         Average of TEMPERATURE       11.8         08/10/2007       Min of LEVEL       92.9		Min of TEMPERATURE	12.4
Average of TEMPERATURE       13.0         06/10/2007       Min of LEVEL       90.9         Max of LEVEL       104.4         Average of LEVEL       96.8         Min of TEMPERATURE       11.8         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.0         07/10/2007       Min of LEVEL       93.0         Max of LEVEL       103.9         Average of LEVEL       97.7         Min of TEMPERATURE       11.6         Max of TEMPERATURE       12.3         Average of TEMPERATURE       11.8         08/10/2007       Min of LEVEL       92.9		Max of TEMPERATURE	13.9
06/10/2007         Min of LEVEL         90.9           Max of LEVEL         104.4           Average of LEVEL         96.8           Min of TEMPERATURE         11.8           Max of TEMPERATURE         12.3           Average of TEMPERATURE         12.0           07/10/2007         Min of LEVEL         93.0           Max of LEVEL         103.9           Average of LEVEL         97.7           Min of TEMPERATURE         11.6           Max of TEMPERATURE         12.3           Average of TEMPERATURE         11.8           08/10/2007         Min of LEVEL         92.9		Average of TEMPERATURE	
Max of LEVEL       104.4         Average of LEVEL       96.8         Min of TEMPERATURE       11.8         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.0         07/10/2007       Min of LEVEL       93.0         Max of LEVEL       103.9         Average of LEVEL       97.7         Min of TEMPERATURE       11.6         Max of TEMPERATURE       12.3         Average of TEMPERATURE       11.8         08/10/2007       Min of LEVEL       92.9	06/10/2007	Min of LEVEL	
Average of LEVEL 96.8  Min of TEMPERATURE 11.8  Max of TEMPERATURE 12.3  Average of TEMPERATURE 12.0  07/10/2007 Min of LEVEL 93.0  Max of LEVEL 103.9  Average of LEVEL 97.7  Min of TEMPERATURE 11.6  Max of TEMPERATURE 12.3  Average of TEMPERATURE 11.8  08/10/2007 Min of LEVEL 92.9			
Min of TEMPERATURE       11.8         Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.0         07/10/2007       Min of LEVEL       93.0         Max of LEVEL       103.9         Average of LEVEL       97.7         Min of TEMPERATURE       11.6         Max of TEMPERATURE       12.3         Average of TEMPERATURE       11.8         08/10/2007       Min of LEVEL       92.9		Average of LEVEL	
Max of TEMPERATURE       12.3         Average of TEMPERATURE       12.0         07/10/2007       Min of LEVEL       93.0         Max of LEVEL       103.9         Average of LEVEL       97.7         Min of TEMPERATURE       11.6         Max of TEMPERATURE       12.3         Average of TEMPERATURE       11.8         08/10/2007       Min of LEVEL       92.9		_	
Average of TEMPERATURE         12.0           07/10/2007         Min of LEVEL         93.0           Max of LEVEL         103.9           Average of LEVEL         97.7           Min of TEMPERATURE         11.6           Max of TEMPERATURE         12.3           Average of TEMPERATURE         11.8           08/10/2007         Min of LEVEL         92.9			12.3
07/10/2007         Min of LEVEL         93.0           Max of LEVEL         103.9           Average of LEVEL         97.7           Min of TEMPERATURE         11.6           Max of TEMPERATURE         12.3           Average of TEMPERATURE         11.8           08/10/2007         Min of LEVEL         92.9			
Max of LEVEL       103.9         Average of LEVEL       97.7         Min of TEMPERATURE       11.6         Max of TEMPERATURE       12.3         Average of TEMPERATURE       11.8         08/10/2007       Min of LEVEL       92.9	07/10/2007	<u> </u>	
Average of LEVEL 97.7 Min of TEMPERATURE 11.6 Max of TEMPERATURE 12.3 Average of TEMPERATURE 11.8  08/10/2007 Min of LEVEL 92.9		Max of LEVEL	103.9
Min of TEMPERATURE       11.6         Max of TEMPERATURE       12.3         Average of TEMPERATURE       11.8         08/10/2007       Min of LEVEL       92.9		Average of LEVEL	
Max of TEMPERATURE         12.3           Average of TEMPERATURE         11.8           08/10/2007         Min of LEVEL         92.9		9	
08/10/2007 Min of LEVEL 92.9		Max of TEMPERATURE	12.3
08/10/2007 Min of LEVEL 92.9		Average of TEMPERATURE	11.8
	08/10/2007		
		Max of LEVEL	106.1

	Average of LEVEL	98.9
	Min of TEMPERATURE	11.3
	Max of TEMPERATURE	12.3
	Average of TEMPERATURE	11.9
09/10/2007	Min of LEVEL	94.2
	Max of LEVEL	119.6
	Average of LEVEL	108.0
	Min of TEMPERATURE	10.7
	Max of TEMPERATURE	11.4
	Average of TEMPERATURE	10.9
10/10/2007	Min of LEVEL	100.4
	Max of LEVEL	127.6
	Average of LEVEL	114.1
	Min of TEMPERATURE	9.7
	Max of TEMPERATURE	10.6
	Average of TEMPERATURE	10.0
11/10/2007	Min of LEVEL	105.4
	Max of LEVEL	126.5
	Average of LEVEL	115.7
	Min of TEMPERATURE	8.6
	Max of TEMPERATURE	9.6
	Average of TEMPERATURE	9.0
12/10/2007	Min of LEVEL	61.6
	Max of LEVEL	121.3
	Average of LEVEL	96.2
	Min of TEMPERATURE	8.0
	Max of TEMPERATURE	8.9
	Average of TEMPERATURE	8.4
13/10/2007	Min of LEVEL	56.2
	Max of LEVEL	72.9
	Average of LEVEL	67.3
	Min of TEMPERATURE	7.3
	Max of TEMPERATURE	8.5
4.4/4.0/0.007	Average of TEMPERATURE	8.0
14/10/2007	Min of LEVEL	58.2
	Max of LEVEL	70.7
	Average of LEVEL Min of TEMPERATURE	64.4 7.2
	Max of TEMPERATURE	8.4
15/10/2007	Average of TEMPERATURE  Min of LEVEL	7.8 41.0
13/10/2007	Max of LEVEL	71.1
	Average of LEVEL	58.2
	Min of TEMPERATURE	7.3
	Max of TEMPERATURE	8.3
	Average of TEMPERATURE	7.9
	Average of TEMPERATURE	7.9