



Water and Waste Department • Service des eaux et des déchets

August 7, 2015

Melanie Betsill
Office of Drinking Water
Manitoba Conservation and Water Stewardship
1007 Century Street
Winnipeg, Manitoba
R3H 0W4

Our File: 040-18-18-55-00

Dear Ms. Betsill:

**RE: JULY 2015 WATER QUALITY COMPLIANCE
SUBMISSION FOR THE CITY OF WINNIPEG WATER SUPPLY SYSTEM**

Please find attached on-line and grab turbidity summary reports, on-line and grab chlorine summary reports and the UV summary report for the Water Treatment Plant for July 2015. Please note that the grab turbidity and chlorine reports now include the analyzer readings at the time of grab sampling, as requested by The Office of Drinking Water following our Annual Compliance Inspection on June 2, 2015. There are no corrective action reports to be submitted for July.

The July on-line and grab sampling turbidity reports include results obtained for the Water Treatment Plant raw water and the eight filters. The turbidity results for the effluent from the filters are in compliance with the licence requirements.

The July on-line and grab sampling chlorine reports include results obtained for the Deacon Booster Pumping Station at the Water Treatment Plant. The free chlorine results at the Water Treatment Plant met the licence requirements.

The UV submission includes the summary report for July 2015 in accordance with Section 4.13, Table 2 of the Operating Licence. The UV licence requirement has been met in July.

Please let me know of any concerns or questions respecting this submission. I may be reached by telephone at 204-986-8359 or by e-mail at rgrosselle@winnipeg.ca.

Yours sincerely,

Original signed by:

R. Grosselle
Manager of Environmental Standards
Attachments

c:(e-mail)

Dr. L. Richards, Winnipeg Regional Health Authority
Dr. H. Chang, Winnipeg Regional Health Authority
Dr. S. Roberecki, Manitoba Health
D.P. Sacher, P.Eng.
G. Patton, P.Eng.
T. Shanks, P.Eng.
A. J. Weremy, P.Eng.
C. Diduck



CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
WATER SERVICES

Water System Code: **252.00**
Licence Number: **PWS-09-412 AA**

WATER TREATMENT PLANT TURBIDITY ON-LINE MONITORING REPORT

July 2015 Turbidity (NTU)

Date	Raw		Filter #1		Filter #2		Filter #3		Filter #4		Filter #5		Filter #6		Filter #7		Filter #8	
	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max
1/07/2015	0.97	0.07	0.09		0.06	0.08	0.09	0.12	0.02	0.05	0.03	0.07	0.05	0.06	0.03	0.04	0.01	0.01
2/07/2015	1.07	0.07	0.10		0.05	0.08	0.08	0.12	0.03	0.04	0.03	0.05	0.04	0.06	0.03	0.04	0.01	0.01
3/07/2015	0.87	0.07	0.10		0.06	0.10	0.07	0.10	0.02	0.04	0.04	0.05	0.04	0.07	0.03	0.06	0.01	0.01
4/07/2015	0.81	0.08	0.09		0.06	0.08	0.09	0.12	0.02	0.03	0.03	0.07	0.05	0.06	0.02	0.05	0.01	0.01
5/07/2015	0.86	0.05	0.11		0.05	0.08	0.08	0.13	0.03	0.07	0.03	0.07	0.04	0.07	0.03	0.04	0.01	0.01
6/07/2015	0.90	0.04	0.07		0.06	0.08	0.08	0.11	0.02	0.05	0.04	0.06	0.05	0.07	0.02	0.05	0.01	0.01
7/07/2015	1.12	0.04	0.06		0.06	0.09	0.10	0.13	0.02	0.05	0.04	0.07	0.06	0.09	0.03	0.05	0.01	0.01
8/07/2015	0.93	0.05	0.07		0.06	0.10	0.08	0.14	0.03	0.05	0.04	0.06	0.05	0.08	0.03	0.04	0.01	0.01
9/07/2015	0.99	0.05	0.08		0.06	0.10	0.09	0.14	0.03	0.06	0.04	0.06	0.05	0.08	0.03	0.05	0.01	0.01
10/07/2015	1.06	0.05	0.09		0.07	0.09	0.10	0.12	0.03	0.06	0.04	0.07	0.06	0.07	0.03	0.05	0.01	0.01
11/07/2015	1.01	0.07	0.08		0.06	0.11	0.09	0.15	0.03	0.05	0.04	0.07	0.06	0.08	0.03	0.04	0.01	0.01
12/07/2015	1.11	0.06	0.09		0.07	0.10	0.09	0.16	0.03	0.08	0.05	0.06	0.06	0.09	0.03	0.05	0.01	0.01
13/07/2015	1.08	0.07	0.08		0.08	0.11	0.12	0.13	0.02	0.05	0.03	0.09	0.07	0.08	0.03	0.04	0.01	0.01
14/07/2015	1.25	0.07	0.11		0.08	0.12	0.11	0.17	0.03	0.05	0.05	0.08	0.07	0.10	0.03	0.05	0.01	0.01
15/07/2015	1.21	0.08	0.11		0.08	0.11	0.11	0.18	0.03	0.22	0.05	0.07	0.07	0.10	0.03	0.05	0.01	0.01
16/07/2015	1.17	0.06	0.10		0.06	0.13	0.10	0.16	0.03	0.06	0.03	0.10	0.06	0.11	0.03	0.07	0.01	0.01
17/07/2015	1.15	0.04	0.06		0.01	0.04	0.06	0.11	0.02	0.05	0.02	0.05	0.04	0.06	0.03	0.05	0.01	0.01
18/07/2015	1.63	0.04	0.07		0.01	0.05	0.06	0.12	0.02	0.05	0.03	0.04	0.04	0.06	0.04	0.06	0.01	0.01
19/07/2015	1.50	0.04	0.05		0.02	0.06	0.07	0.09	0.02	0.05	0.02	0.06	0.04	0.06	0.03	0.06	0.01	0.01
20/07/2015	2.08	0.04	0.07		0.02	0.04	0.06	0.12	0.03	0.04	0.02	0.06	0.04	0.07	0.04	0.05	0.01	0.01
21/07/2015	1.63	0.05	0.10		0.03	0.05	0.07	0.16	0.04	0.13	0.04	0.07	0.04	0.07	0.04	0.07	0.01	0.01
22/07/2015	1.47	0.06	0.08		0.04	0.08	0.10	0.16	0.04	0.14	0.04	0.07	0.05	0.06	0.04	0.07	0.01	0.01
23/07/2015	1.81	0.07	0.12		0.05	0.11	0.10	0.19	0.06	0.10	0.04	0.08	0.05	0.08	0.04	0.06	0.01	0.01
24/07/2015	1.91	0.07	0.12		0.06	0.11	0.10	0.17	0.05	0.11	0.04	0.09	0.05	0.09	0.05	0.09	0.01	0.01
25/07/2015	1.77	0.04	0.08		0.05	0.10	0.07	0.13	0.03	0.08	0.05	0.08	0.03	0.07	0.03	0.06	0.01	0.01
26/07/2015	2.12	0.04	0.06		0.04	0.08	0.08	0.13	0.02	0.04	0.04	0.07	0.04	0.05	0.03	0.06	0.01	0.01
27/07/2015	2.40	0.04	0.08		0.04	0.08	0.07	0.13	0.04	0.06	0.03	0.06	0.04	0.07	0.04	0.05	0.01	0.01
28/07/2015	1.92	0.04	0.08		0.04	0.06	0.08	0.11	0.03	0.08	0.04	0.06	0.03	0.07	0.03	0.06	0.01	0.01
29/07/2015	1.92	0.03	0.05		0.03	0.06	0.06	0.14	0.02	0.04	0.04	0.08	0.05	0.07	0.04	0.08	0.01	0.01
30/07/2015	2.18	0.03	0.06		0.03	0.06	0.06	0.11	0.02	0.05	0.04	0.06	0.04	0.08	0.05	0.06	0.01	0.01
31/07/2015	2.04	0.03	0.07		0.03	0.05	0.06	0.12	0.02	0.08	0.04	0.07	0.04	0.08	0.04	0.07	0.01	0.01

Total Number of Measurements Taken, A: 16627 14477 15595 14200 17202 16998 15817 16532
Turbidity Standard for Monitoring Location (NTU): 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.30
Number of Measurements Meeting Standard, B: 16627 14477 15595 14200 17202 16998 15817 16532
Compliance with Turbidity Standard, C = B/A X 100%: 100% 100% 100% 100% 100% 100% 100% 100%

File Path: N:\Water Treatment Branch\Administration\Reports\Regulatory Submissions\Turbidity\2015\07-July

Submitted By (Print): D.Merredew

Signature: Original signed by D.Merredew



CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENVIRONMENTAL STANDARDS DIVISION

		WATER TREATMENT PLANT TURBIDITY GRAB MONITORING REPORT																	
Water System Code: 252.00		Turbidity (NTU)																	
Licence No. PWS-09-412 AA		Raw Water		Filter 1		Filter 2		Filter 3		Filter 4		Filter 5		Filter 6		Filter 7		Filter 8	
Date		Grab	Analyser	Grab	Analyser	Grab	Analyser	Grab	Analyser	Grab	Analyser	Grab	Analyser	Grab	Analyser	Grab	Analyser	Grab	Analyser
01-Jul-2015		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
02-Jul-2015		0.77	0.92	0.06	0.07	0.06	0.06	0.12	0.07	0.07	<0.02	0.06	0.03	0.07	0.05	0.07	0.02	0.08	<0.02
03-Jul-2015		0.78	0.84	0.07	0.06	0.07	0.06	0.08	0.07	0.10	0.02	0.10	0.03	0.07	0.04	0.08	0.03	0.07	<0.02
04-Jul-2015		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
05-Jul-2015		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
06-Jul-2015		0.75	0.77	0.06	0.03	0.06	0.06	0.08	0.07	0.06	<0.02	0.06	0.03	<0.05	0.03	0.05	0.03	0.06	<0.02
07-Jul-2015		0.88	0.81	<0.05	0.03	0.06	0.07	0.08	0.08	0.06	<0.02	0.08	0.04	0.07	0.05	0.06	0.02	0.06	<0.02
08-Jul-2015		0.83	0.88	0.07	0.04	0.05	0.07	0.10	0.11	0.06	<0.02	<0.05	0.04	0.07	0.05	0.05	0.02	0.06	<0.02
09-Jul-2015		0.88	1.06	0.07	0.05	0.08	0.07	0.06	0.07	0.06	0.02	0.07	0.04	0.05	0.05	<0.05	0.02	0.05	<0.02
10-Jul-2015		0.80	0.94	0.06	0.05	0.06	0.08	0.07	0.09	0.05	<0.02	0.08	0.04	<0.05	0.05	0.07	0.03	0.05	<0.02
11-Jul-2015		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12-Jul-2015		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
13-Jul-2015		1.15	0.98	0.09	0.06	0.07	0.09	0.08	0.10	0.07	<0.02	<0.05	0.05	<0.05	0.06	<0.05	0.02	0.06	<0.02
14-Jul-2015		1.14	1.14	0.08	0.08	0.06	0.09	0.07	0.10	0.07	0.02	0.07	0.04	0.09	0.07	0.05	0.02	0.05	<0.02
15-Jul-2015		1.09	1.17	0.06	0.07	0.06	0.09	0.09	0.10	0.10	0.03	0.07	0.05	0.06	0.07	0.06	0.02	0.06	<0.02
16-Jul-2015		1.19	1.01	0.07	0.08	0.07	0.11	0.09	0.12	0.08	<0.02	0.08	0.05	0.07	0.08	0.06	0.02	0.10	<0.02
17-Jul-2015		1.13	1.09	0.10	0.04	0.09	0.03	0.12	0.07	0.09	<0.02	0.09	0.02	0.11	0.03	0.10	0.03	0.10	<0.02
18-Jul-2015		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
19-Jul-2015		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
20-Jul-2015		1.56	1.14	0.08	0.03	0.05	<0.02	0.09	0.06	0.07	<0.02	<0.05	0.02	0.07	0.04	<0.05	0.03	0.05	<0.02
21-Jul-2015		1.15	1.44	0.07	0.04	0.08	0.03	0.08	0.06	0.13	0.04	0.06	0.04	0.05	0.04	0.08	0.05	0.07	<0.02
22-Jul-2015		1.13	1.47	0.09	0.05	0.11	0.06	0.13	0.09	0.10	0.02	0.09	0.04	0.09	0.04	0.07	0.04	0.07	<0.02
23-Jul-2015		1.12	1.40	0.11	0.07	0.10	0.04	0.11	0.04	0.12	0.04	0.07	0.03	0.11	0.05	0.09	0.04	0.07	<0.02
24-Jul-2015		1.29	1.38	0.13	0.08	0.09	0.07	0.10	0.08	0.12	0.06	0.07	0.04	0.06	0.04	0.08	0.05	0.07	<0.02
25-Jul-2015		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
26-Jul-2015		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
27-Jul-2015		1.54	1.75	0.08	0.04	0.06	0.04	0.14	0.09	0.08	<0.02	0.05	0.03	0.09	0.05	0.07	0.03	0.07	<0.02
28-Jul-2015		1.09	1.76	0.08	0.03	0.07	0.04	0.08	0.05	0.07	<0.02	0.06	0.04	0.06	0.03	0.08	0.04	0.07	<0.02
29-Jul-2015		1.57	1.87	0.07	0.02	0.09	0.04	0.09	0.03	0.08	<0.02	0.06	0.03	0.09	0.04	0.08	0.04	0.08	<0.02
30-Jul-2015		1.57	1.95	0.07	0.03	0.06	0.04	0.06	0.05	0.08	<0.02	0.06	0.04	0.07	0.04	0.07	0.04	0.07	<0.02
31-Jul-2015		1.56	1.90	0.06	0.02	0.05	0.03	0.07	0.05	0.08	<0.02	0.07	0.04	0.07	0.03	0.07	0.04	0.07	<0.02
Total number of measurements taken, A:		22		22		22		22		22		22		22		22		22	
Turbidity Standard for Monitoring Location (NTU):		0.30		0.30		0.30		0.30		0.30		0.30		0.30		0.30		0.30	
Number of measurements meeting standard, B:		22		22		22		22		22		22		22		22		22	
Compliance with Turbidity Standard, C= B/A X 100%:		100%		100%		100%		100%		100%		100%		100%		100%		100%	

NS: No Sample NA: Not Analyzed OL: Off-Line

Comments:

Report Compiled By: _____ H.Demchenko _____

Approved in LIMS By: _____ C.Diduck _____



City of Winnipeg

Water and Waste Department

Water Services

WATER TREATMENT PLANT FREE CHLORINE ON-LINE MONITORING REPORT

Deacon Booster Pumping Station

Water System Code:

252.00

Licence Number:

PWS-09-412 AA

Report Created:

01 August 2015

Report Period: July 2015

Date	BRANCH 1 [mg/L]		BRANCH 2 [mg/L]	
	Average	Minimum	Average	Minimum
1/07/2015	1.12	1.02	1.13	1.02
2/07/2015	1.15	1.04	1.13	1.03
3/07/2015	1.12	1.01	1.05	0.98
4/07/2015	1.11	1.02	1.02	0.93
5/07/2015	1.14	1.03	1.12	0.94
6/07/2015	1.10	0.95	1.08	0.90
7/07/2015	1.04	0.90	0.99	0.85
8/07/2015	1.14	1.04	1.06	0.96
9/07/2015	1.07	0.94	1.06	0.91
10/07/2015	1.06	0.96	1.06	0.94
11/07/2015	1.05	0.94	1.00	0.95
12/07/2015	1.02	0.94	0.95	0.89
13/07/2015	1.02	0.89	0.91	0.86
14/07/2015	1.08	1.01	0.97	0.88
15/07/2015	1.08	0.97	1.02	0.93
16/07/2015	1.11	0.99	1.05	0.97
17/07/2015	1.05	0.93	1.08	0.99
18/07/2015	1.01	0.94	1.02	0.96
19/07/2015	1.05	0.92	1.04	0.97
20/07/2015	1.12	1.01	1.09	1.00
21/07/2015	1.15	0.99	1.13	1.03
22/07/2015	1.15	1.07	1.10	1.03
23/07/2015	1.12	1.05	1.11	1.04
24/07/2015	1.18	0.86	1.07	0.79
25/07/2015	1.19	1.02	1.14	1.03
26/07/2015	1.11	1.05	1.11	1.05
27/07/2015	1.12	1.02	1.13	1.05
28/07/2015	1.14	1.04	1.13	1.04
29/07/2015	1.12	0.98	1.11	1.01
30/07/2015	1.28	1.18	1.18	1.05
31/07/2015	1.25	1.15	1.11	1.00

Total Number of Measurements, A:

21600

21600

Minimum Free Chlorine Standard:

0.50

0.50

Number of Measurements Meeting Standard, B:

21600

21600

COMPLIANCE, C = B/A X 100%:

100

100

File Path: N:\Water Treatment Branch\Administration\Reports\Regulatory Submissions\Chlorine\2015\07-July

Submitted By (Print): D.MerredewSignature: Original signed by D.Merredew



CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENVIRONMENTAL STANDARDS DIVISION

WATER TREATMENT PLANT CHLORINE GRAB MONITORING REPORT

Water System Code: 252.00 Licence No. PWS-09-412 AA	Deacon Booster Pumping Station Branch 1			Deacon Booster Pumping Station Branch 2		
	Date	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	
		Analyser	Grab	Grab	Analyser	Grab
01-Jul-2015		NS	NS	NS	NS	NS
02-Jul-2015		1.20	1.24	1.36	1.15	1.25
03-Jul-2015		1.14	1.21	1.34	1.07	1.17
04-Jul-2015		NS	NS	NS	NS	NS
05-Jul-2015		NS	NS	NS	NS	NS
06-Jul-2015		1.16	1.28	1.45	1.15	1.26
07-Jul-2015		0.96	1.09	1.22	0.91	1.07
08-Jul-2015		1.19	1.21	1.36	1.10	1.16
09-Jul-2015		1.07	1.16	1.27	1.02	1.13
10-Jul-2015		1.19	1.17	1.32	1.14	1.17
11-Jul-2015		NS	NS	NS	NS	NS
12-Jul-2015		NS	NS	NS	NS	NS
13-Jul-2015		1.05	1.17	1.26	0.88	1.09
14-Jul-2015		1.05	1.16	1.37	0.90	1.10
15-Jul-2015		0.99	1.14	1.32	0.96	1.05
16-Jul-2015		1.00	1.08	1.27	1.00	1.07
17-Jul-2015		1.02	1.13	1.30	1.07	1.15
18-Jul-2015		NS	NS	NS	NS	NS
19-Jul-2015		NS	NS	NS	NS	NS
20-Jul-2015		1.15	1.13	1.32	1.12	1.17
21-Jul-2015		1.15	1.15	1.31	1.15	1.17
22-Jul-2015		1.21	1.16	1.31	1.09	1.15
23-Jul-2015		1.10	1.18	1.33	1.12	1.14
24-Jul-2015		1.09	1.12	1.29	0.98	1.03
25-Jul-2015		NS	NS	NS	NS	NS
26-Jul-2015		NS	NS	NS	NS	NS
27-Jul-2015		1.09	1.24	1.42	1.11	1.18
28-Jul-2015		1.11	1.27	1.42	1.13	1.26
29-Jul-2015		1.15	1.20	1.34	1.14	1.19
30-Jul-2015		1.36	1.36	1.53	1.19	1.22
31-Jul-2015		1.35	1.34	1.51	1.16	1.16
Total number of measurements taken, A:		22			22	
Chlorine Standard for Monitoring Location (mg/L):		0.50			0.50	
Number of measurements meeting standard, B:		22			22	
Compliance with Chlorine Standard, C= B/A X 100%:		100%			100%	

NS: No Sample NA: Not Analyzed OL: Off-Line

Comments:

Report Compiled By: H.Demchenko

Approved in LIMS By: C.Diduck



CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
WATER SERVICES

Water System Code: 252.00
Licence Number: PWS-09-412 AA

WATER TREATMENT PLANT UV REPORT

Report Period: July 2015

Report Created: Saturday, August 01, 2015

Date	Transmittance %	UVR-D100A				UVR-D200A				UVR-D300A				UVR-D400A				UVR-D500A				UVR-D600A				Total				% Volume Treated To Dose
		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]				
		Untreated	Below	To	Total	Untreated	Below	To	Total	Untreated	Below	To	Total	Untreated	Below	To	Total	Untreated	Below	To	Total	Untreated	Below	To	Total	Untreated	Below	To	Total	
01/07/2015	95.79	0.00	0.00	67.00	67.00	0.00	0.00	0.00	0.00	0.00	0.00	75.64	75.64	0.00	0.00	0.00	0.00	0.00	0.00	72.37	72.37	0.00	0.00	0.00	0.00	0.00	0.00	215.01	215.01	100.00
02/07/2015	95.72	0.00	0.00	66.83	66.83	0.00	0.00	0.00	0.00	0.00	0.00	75.87	75.87	0.00	0.00	0.00	0.00	0.00	0.00	72.30	72.30	0.00	0.00	0.00	0.00	0.00	0.00	215.00	215.00	100.00
03/07/2015	95.86	0.00	0.00	68.25	68.25	0.00	0.00	0.00	0.00	0.00	0.00	62.78	62.78	0.00	0.00	13.73	13.73	0.00	0.00	72.11	72.11	0.00	0.00	0.00	0.00	0.00	0.00	216.88	216.88	100.00
04/07/2015	95.79	0.00	0.00	72.39	72.39	0.00	0.00	0.00	0.00	0.00	0.00	78.61	78.61	0.00	0.00	70.23	70.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	221.22	221.22	100.00		
05/07/2015	95.78	0.00	0.00	72.56	72.56	0.00	0.00	0.00	0.00	0.00	0.00	79.79	79.79	0.00	0.00	71.62	71.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	223.98	223.98	100.00		
06/07/2015	95.77	0.00	0.00	71.21	71.21	0.00	0.00	0.00	0.00	0.00	0.00	78.43	78.43	0.00	0.00	70.41	70.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	220.04	220.04	100.00		
07/07/2015	95.83	0.00	0.00	71.14	71.14	0.00	0.00	0.00	0.00	0.00	0.00	78.39	78.39	0.00	0.00	70.49	70.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	220.01	220.01	100.00		
08/07/2015	95.70	0.00	0.00	70.09	70.09	0.00	0.00	0.00	0.00	0.00	0.00	76.44	76.44	0.00	0.00	68.78	68.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	215.31	215.31	100.00		
09/07/2015	95.73	0.00	0.00	69.72	69.72	0.00	0.00	0.00	0.00	0.00	0.00	75.45	75.45	0.00	0.00	67.84	67.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	213.01	213.01	100.00		
10/07/2015	95.52	0.00	0.11	31.36	31.46	0.00	0.00	41.73	41.73	0.00	0.00	0.00	0.00	0.00	0.00	76.26	76.26	0.31	0.60	36.04	36.96	0.00	0.05	29.45	29.50	0.31	0.76	214.84	215.90	99.51
11/07/2015	95.51	0.00	0.00	0.00	0.00	0.00	0.00	73.82	73.82	0.00	0.00	0.00	0.00	0.00	0.00	77.17	77.17	0.00	0.00	0.00	0.00	0.05	0.00	68.52	68.57	0.00	0.05	219.51	219.56	99.98
12/07/2015	95.52	0.00	0.00	0.00	0.00	0.00	0.00	73.19	73.19	0.00	0.00	0.00	0.00	0.00	0.00	76.32	76.32	0.00	0.00	0.00	0.00	0.00	0.00	67.81	67.81	0.00	0.00	217.31	217.31	100.00
13/07/2015	95.38	0.00	0.05	39.53	39.58	0.00	0.00	32.39	32.39	0.00	0.00	0.00	0.00	0.00	0.00	74.64	74.64	0.00	0.00	0.00	0.01	0.00	0.05	69.29	69.34	0.01	0.11	215.85	215.96	99.95
14/07/2015	94.58	0.00	0.00	70.95	70.95	0.00	0.00	0.00	0.00	0.00	0.00	74.39	74.39	0.00	0.00	0.00	0.00	0.00	0.00	70.65	70.65	0.00	0.00	215.99	215.99	100.00				
15/07/2015	95.31	0.00	0.00	70.91	70.91	0.00	0.00	0.00	0.00	0.00	0.00	74.34	74.34	0.00	0.00	0.00	0.00	0.00	0.00	70.72	70.77	0.00	0.05	215.97	216.02	99.98				
16/07/2015	95.16	0.00	0.00	66.66	66.66	0.00	0.00	21.36	21.36	0.00	0.00	0.00	0.00	0.00	0.00	77.13	77.13	0.00	0.00	0.00	0.00	0.00	0.00	50.84	50.84	0.00	0.00	215.98	215.98	100.00
17/07/2015	95.14	0.00	0.00	58.36	58.36	0.00	0.00	69.12	69.12	0.00	0.00	0.00	0.00	0.01	0.06	3.72	3.80	0.00	0.00	0.00	0.00	0.00	0.00	84.52	84.52	0.01	0.06	215.73	215.80	99.96
18/07/2015	95.19	0.00	0.00	57.77	57.77	0.00	0.00	73.22	73.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.95	84.95	0.00	0.00	215.94	215.94	100.00
19/07/2015	95.28	0.00	0.00	55.58	55.58	0.00	0.00	70.52	70.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.71	82.77	0.00	0.06	208.81	208.86	99.97
20/07/2015	95.44	0.00	0.00	53.07	53.07	0.00	0.00	67.80	67.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.15	79.15	0.00	0.00	200.02	200.02	100.00
21/07/2015	95.22	0.00	0.00	56.40	56.40	0.00	0.00	71.71	71.71	0.00	0.00	35.12	35.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	46.57	46.63	0.00	0.06	209.81	209.87	99.97
22/07/2015	95.09	0.00	0.00	57.74	57.74	0.00	0.00	73.11	73.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.87	84.87	0.00	0.00	215.72	215.72	100.00
23/07/2015	94.97	0.00	0.00	63.17	63.17	0.00	0.00	77.41	77.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.94	84.94	0.00	0.00	225.52	225.52	100.00
24/07/2015	95.05	0.00	0.00	58.93	58.93	0.00	0.00	77.08	77.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.61	34.61	0.00	0.00	79.44	79.44	0.00	0.00	250.06	250.06	100.00
25/07/2015	95.36	0.00	0.00	63.86	63.86	0.00	0.00	80.45	80.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.02	85.02	0.00	0.00	229.33	229.33	100.00
26/07/2015	95.56	0.00	0.00	59.61	59.61	0.00	0.00	75.41	75.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.01	85.01	0.00	0.00	220.03	220.03	100.00
27/07/2015	95.51	0.00	0.00	59.80	59.80	0.00	0.00	75.65	75.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.98	84.98	0.00	0.00	220.42	220.42	100.00
28/07/2015	95.55	0.00	0.00	61.27	61.27	0.00	0.00	77.49	77.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.97	84.97	0.00	0.00	223.73	223.73	100.00
29/07/2015	95.70	0.00	0.00	61.85	61.85	0.00	0.00	78.16	78.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.01	85.01	0.00	0.00	225.03	225.03	100.00
30/07/2015	95.89	0.00	0.00	77.45	77.45	0.19	0.19	25.12	25.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.11	37.11	0.00	0.00	84.95	84.95	0.19	0.19	224.63	225.01	99.83
31/07/2015	96.07	0.00	0.00	77.58	77.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.59	37.59	0.00	0.00	25.66	25.66	0.00	0.05	76.81	76.86	0.00	0.00	217.64	217.69	99.98
		0.00	0.16	1831.04	1831.20	0.19	0.19	1234.74	1235.13	0.00	0.00	249.41	249.41	0.01	0.06	1052.40	1052.48	0.32	0.61	769.56	770.48	0.00	0.36	1641.18	1641.53	0.53	1.38			