

# Appendix E

## **Process/Source Information**

## Operational Data

Facility ID	Unit ID	Pollutant
MN2B0720	EU-228	CO

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

CEMS Hourly Average Emission Data Points for Pollutant for 30 Days that Include Testing Date												
		Date/Time (MM/DD/YYYY): 00:00 12 hr clock	Daily production/ throughput rate Feed Rate (MBPH)	Daily production/ throughput rate Coke Burnoff Rate (MLB/HR)	1-day average emission value for pollutant (as measured by the CEMS)	Unit of measure recorded by CEMS	O <sub>2</sub> content (%)	Moisture content (%)	Data average affected by a startup, shutdown, or other event? (If event, describe)	OPTIONAL: Emission value (ppmvd @ 7% O <sub>2</sub> )	OPTIONAL: 1-day average emission value for pollutant in other units	
											1-day average emission value for pollutant, corrected for %O <sub>2</sub> (value)	% O <sub>2</sub> correction (by volume, dry basis)
Day1	Hour 1	7/1/11 0:00	3.00	34.80	8.05	ppm	4.19					
Day1	Hour 2	7/1/11 1:00	3.00	34.77	8.05	ppm	4.25					
Day1	Hour 3	7/1/11 2:00	3.00	34.75	8.05	ppm	4.25					
Day1	Hour 4	7/1/11 3:00	3.00	34.73	8.05	ppm	4.26					
Day1	Hour 5	7/1/11 4:00	3.00	34.70	8.05	ppm	4.32					
Day1	Hour 6	7/1/11 5:00	3.00	34.68	8.05	ppm	4.63					
Day1	Hour 7	7/1/11 6:00	3.00	33.53	8.05	ppm	5.28					
Day1	Hour 8	7/1/11 7:00	2.99	34.66	8.05	ppm	4.48					
Day1	Hour 9	7/1/11 8:00	3.00	34.64	8.05	ppm	4.42					
Day1	Hour 10	7/1/11 9:00	3.00	34.63	8.05	ppm	4.43					
Day1	Hour 11	7/1/11 10:00	3.00	34.62	8.05	ppm	4.42					
Day1	Hour 12	7/1/11 11:00	3.00	34.61	8.05	ppm	4.67					
Day1	Hour 13	7/1/11 12:00	3.00	33.05	8.05	ppm	4.27					
Day1	Hour 14	7/1/11 13:00	3.00	34.42	8.05	ppm	4.28					
Day1	Hour 15	7/1/11 14:00	3.00	34.07	8.05	ppm	4.23					
Day1	Hour 16	7/1/11 15:00	3.00	35.08	8.05	ppm	4.25					
Day1	Hour 17	7/1/11 16:00	3.00	35.02	8.05	ppm	4.33					
Day1	Hour 18	7/1/11 17:00	3.00	34.97	8.05	ppm	4.66					
Day1	Hour 19	7/1/11 18:00	3.00	34.80	8.05	ppm	4.30					
Day1	Hour 20	7/1/11 19:00	3.00	34.89	8.05	ppm	4.50					
Day1	Hour 21	7/1/11 20:00	3.01	34.85	8.05	ppm	4.27					
Day1	Hour 22	7/1/11 21:00	3.01	34.83	8.05	ppm	4.26					
Day1	Hour 23	7/1/11 22:00	3.01	35.27	8.05	ppm	3.96					
Day1	Hour 24	7/1/11 23:00	3.01	35.87	8.05	ppm	4.32					
Day2	Hour 1	7/2/11 0:00	3.01	36.05	5.51	ppm	3.81					
Day2	Hour 2	7/2/11 1:00	3.01	36.00	5.51	ppm	3.86					
Day2	Hour 3	7/2/11 2:00	3.01	35.96	5.51	ppm	3.83					
Day2	Hour 4	7/2/11 3:00	3.01	35.91	5.51	ppm	3.85					
Day2	Hour 5	7/2/11 4:00	3.01	35.86	5.51	ppm	3.84					
Day2	Hour 6	7/2/11 5:00	3.01	35.81	5.51	ppm	4.16					
Day2	Hour 7	7/2/11 6:00	3.01	35.26	5.51	ppm	4.98					
Day2	Hour 8	7/2/11 7:00	3.00	36.50	5.51	ppm	3.95					
Day2	Hour 9	7/2/11 8:00	3.00	36.48	5.51	ppm	3.94					
Day2	Hour 10	7/2/11 9:00	3.01	36.46	5.51	ppm	3.97					
Day2	Hour 11	7/2/11 10:00	3.01	36.44	5.51	ppm	4.18					
Day2	Hour 12	7/2/11 11:00	3.00	36.42	5.51	ppm	4.62					
Day2	Hour 13	7/2/11 12:00	3.00	36.40	5.51	ppm	4.39					
Day2	Hour 14	7/2/11 13:00	3.00	36.38	5.51	ppm	4.32					
Day2	Hour 15	7/2/11 14:00	3.01	36.38	5.51	ppm	4.32					
Day2	Hour 16	7/2/11 15:00	3.01	36.42	5.51	ppm	4.30					
Day2	Hour 17	7/2/11 16:00	3.00	35.84	5.51	ppm	4.33					
Day2	Hour 18	7/2/11 17:00	3.00	36.47	5.51	ppm	4.58					
Day2	Hour 19	7/2/11 18:00	3.01	35.47	5.51	ppm	4.20					
Day2	Hour 20	7/2/11 19:00	3.01	36.38	5.51	ppm	4.25					

Day2	Hour 21	7/2/11 20:00	3.01	36.40	5.51	ppm	4.25
Day2	Hour 22	7/2/11 21:00	3.01	36.41	5.51	ppm	4.22
Day2	Hour 23	7/2/11 22:00	3.01	36.42	5.51	ppm	4.25
Day2	Hour 24	7/2/11 23:00	3.00	36.42	5.51	ppm	4.59
Day3	Hour 1	7/3/11 0:00	3.00	36.43	5.33	ppm	4.22
Day3	Hour 2	7/3/11 1:00	2.99	36.44	5.33	ppm	4.30
Day3	Hour 3	7/3/11 2:00	3.00	36.45	5.33	ppm	4.32
Day3	Hour 4	7/3/11 3:00	3.00	36.33	5.33	ppm	4.41
Day3	Hour 5	7/3/11 4:00	3.03	36.17	5.33	ppm	4.38
Day3	Hour 6	7/3/11 5:00	3.02	36.19	5.33	ppm	4.69
Day3	Hour 7	7/3/11 6:00	3.01	35.40	5.33	ppm	5.33
Day3	Hour 8	7/3/11 7:00	3.01	36.46	5.33	ppm	4.41
Day3	Hour 9	7/3/11 8:00	2.99	36.33	5.33	ppm	4.31
Day3	Hour 10	7/3/11 9:00	2.99	36.21	5.33	ppm	4.31
Day3	Hour 11	7/3/11 10:00	2.98	36.17	5.33	ppm	4.26
Day3	Hour 12	7/3/11 11:00	2.99	36.16	5.33	ppm	4.60
Day3	Hour 13	7/3/11 12:00	2.98	36.15	5.33	ppm	4.18
Day3	Hour 14	7/3/11 13:00	2.98	36.15	5.33	ppm	4.16
Day3	Hour 15	7/3/11 14:00	2.98	36.14	5.33	ppm	4.11
Day3	Hour 16	7/3/11 15:00	2.98	36.13	5.33	ppm	4.16
Day3	Hour 17	7/3/11 16:00	2.98	35.77	5.33	ppm	4.16
Day3	Hour 18	7/3/11 17:00	2.98	35.69	5.33	ppm	4.45
Day3	Hour 19	7/3/11 18:00	2.98	35.88	5.33	ppm	4.13
Day3	Hour 20	7/3/11 19:00	2.98	36.15	5.33	ppm	4.10
Day3	Hour 21	7/3/11 20:00	2.98	36.16	5.33	ppm	4.12
Day3	Hour 22	7/3/11 21:00	2.98	36.18	5.33	ppm	4.03
Day3	Hour 23	7/3/11 22:00	2.99	36.19	5.33	ppm	4.04
Day3	Hour 24	7/3/11 23:00	2.98	36.21	5.33	ppm	4.42
Day4	Hour 1	7/4/11 0:00	2.98	36.22	5.57	ppm	4.14
Day4	Hour 2	7/4/11 1:00	2.98	36.24	5.57	ppm	4.11
Day4	Hour 3	7/4/11 2:00	2.99	36.24	5.57	ppm	4.05
Day4	Hour 4	7/4/11 3:00	2.99	36.16	5.57	ppm	4.06
Day4	Hour 5	7/4/11 4:00	2.99	36.06	5.57	ppm	4.01
Day4	Hour 6	7/4/11 5:00	2.99	35.95	5.57	ppm	4.37
Day4	Hour 7	7/4/11 6:00	2.99	35.27	5.57	ppm	5.14
Day4	Hour 8	7/4/11 7:00	2.99	36.51	5.57	ppm	4.01
Day4	Hour 9	7/4/11 8:00	2.99	36.52	5.57	ppm	4.02
Day4	Hour 10	7/4/11 9:00	2.99	36.53	5.57	ppm	4.00
Day4	Hour 11	7/4/11 10:00	2.98	36.55	5.57	ppm	4.02
Day4	Hour 12	7/4/11 11:00	2.98	36.56	5.57	ppm	4.38
Day4	Hour 13	7/4/11 12:00	2.98	36.58	5.57	ppm	4.05
Day4	Hour 14	7/4/11 13:00	2.98	36.59	5.57	ppm	4.07
Day4	Hour 15	7/4/11 14:00	2.98	36.03	5.57	ppm	3.99
Day4	Hour 16	7/4/11 15:00	2.98	34.73	5.57	ppm	4.87
Day4	Hour 17	7/4/11 16:00	2.98	35.99	5.57	ppm	3.98
Day4	Hour 18	7/4/11 17:00	2.98	36.39	5.57	ppm	4.26
Day4	Hour 19	7/4/11 18:00	2.98	36.38	5.57	ppm	3.86
Day4	Hour 20	7/4/11 19:00	2.98	36.36	5.57	ppm	3.95
Day4	Hour 21	7/4/11 20:00	2.99	36.35	5.57	ppm	3.96
Day4	Hour 22	7/4/11 21:00	2.99	36.34	5.57	ppm	4.00
Day4	Hour 23	7/4/11 22:00	2.99	36.32	5.57	ppm	4.11
Day4	Hour 24	7/4/11 23:00	3.00	36.31	5.57	ppm	4.45
Day5	Hour 1	7/5/11 0:00	2.99	36.30	5.69	ppm	4.10
Day5	Hour 2	7/5/11 1:00	2.99	36.44	5.69	ppm	4.13
Day5	Hour 3	7/5/11 2:00	3.00	36.61	5.69	ppm	4.07
Day5	Hour 4	7/5/11 3:00	3.00	36.79	5.69	ppm	3.99
Day5	Hour 5	7/5/11 4:00	3.00	36.96	5.69	ppm	3.95
Day5	Hour 6	7/5/11 5:00	3.00	36.84	5.69	ppm	4.51
Day5	Hour 7	7/5/11 6:00	3.01	35.54	5.69	ppm	5.15

Day5	Hour 8	7/5/11 7:00	3.00	36.76	5.69	ppm	4.01
Day5	Hour 9	7/5/11 8:00	3.00	36.76	5.69	ppm	4.00
Day5	Hour 10	7/5/11 9:00	3.00	36.76	5.69	ppm	3.98
Day5	Hour 11	7/5/11 10:00	3.00	36.76	5.69	ppm	4.00
Day5	Hour 12	7/5/11 11:00	3.00	36.76	5.69	ppm	4.42
Day5	Hour 13	7/5/11 12:00	3.00	36.75	5.69	ppm	4.10
Day5	Hour 14	7/5/11 13:00	3.00	36.75	5.69	ppm	4.04
Day5	Hour 15	7/5/11 14:00	3.00	36.73	5.69	ppm	4.02
Day5	Hour 16	7/5/11 15:00	2.99	36.67	5.69	ppm	3.97
Day5	Hour 17	7/5/11 16:00	2.99	36.61	5.69	ppm	3.92
Day5	Hour 18	7/5/11 17:00	2.99	36.54	5.69	ppm	4.21
Day5	Hour 19	7/5/11 18:00	2.99	36.48	5.69	ppm	3.88
Day5	Hour 20	7/5/11 19:00	2.99	36.41	5.69	ppm	4.18
Day5	Hour 21	7/5/11 20:00	3.01	36.35	5.69	ppm	4.26
Day5	Hour 22	7/5/11 21:00	3.01	36.29	5.69	ppm	4.16
Day5	Hour 23	7/5/11 22:00	3.00	36.26	5.69	ppm	4.16
Day5	Hour 24	7/5/11 23:00	3.00	36.29	5.69	ppm	4.56
Day6	Hour 1	7/6/11 0:00	3.00	36.32	7.84	ppm	4.33
Day6	Hour 2	7/6/11 1:00	3.00	36.35	7.84	ppm	4.36
Day6	Hour 3	7/6/11 2:00	3.00	36.38	7.84	ppm	4.36
Day6	Hour 4	7/6/11 3:00	3.01	36.42	7.84	ppm	4.37
Day6	Hour 5	7/6/11 4:00	3.01	36.45	7.84	ppm	4.35
Day6	Hour 6	7/6/11 5:00	3.01	36.48	7.84	ppm	4.64
Day6	Hour 7	7/6/11 6:00	3.01	35.35	7.84	ppm	5.29
Day6	Hour 8	7/6/11 7:00	3.01	36.48	7.84	ppm	4.44
Day6	Hour 9	7/6/11 8:00	3.01	36.51	7.84	ppm	4.39
Day6	Hour 10	7/6/11 9:00	3.01	36.54	7.84	ppm	4.34
Day6	Hour 11	7/6/11 10:00	3.01	36.57	7.84	ppm	4.33
Day6	Hour 12	7/6/11 11:00	3.01	36.60	7.84	ppm	4.66
Day6	Hour 13	7/6/11 12:00	3.00	36.64	7.84	ppm	4.33
Day6	Hour 14	7/6/11 13:00	3.01	36.67	7.84	ppm	4.30
Day6	Hour 15	7/6/11 14:00	3.04	36.86	7.84	ppm	4.40
Day6	Hour 16	7/6/11 15:00	3.10	37.54	7.84	ppm	4.34
Day6	Hour 17	7/6/11 16:00	3.15	38.02	7.84	ppm	4.46
Day6	Hour 18	7/6/11 17:00	3.17	37.48	7.84	ppm	4.78
Day6	Hour 19	7/6/11 18:00	3.17	37.20	7.84	ppm	4.57
Day6	Hour 20	7/6/11 19:00	3.18	38.00	7.84	ppm	4.65
Day6	Hour 21	7/6/11 20:00	3.24	38.01	7.84	ppm	4.50
Day6	Hour 22	7/6/11 21:00	3.25	38.03	7.84	ppm	4.40
Day6	Hour 23	7/6/11 22:00	3.25	38.04	7.84	ppm	4.41
Day6	Hour 24	7/6/11 23:00	3.25	38.06	7.84	ppm	4.74
Day7	Hour 1	7/7/11 0:00	3.25	38.07	7.46	ppm	4.45
Day7	Hour 2	7/7/11 1:00	3.26	38.08	7.46	ppm	4.33
Day7	Hour 3	7/7/11 2:00	3.25	38.06	7.46	ppm	4.30
Day7	Hour 4	7/7/11 3:00	3.25	37.90	7.46	ppm	4.31
Day7	Hour 5	7/7/11 4:00	3.25	37.72	7.46	ppm	4.35
Day7	Hour 6	7/7/11 5:00	3.25	37.19	7.46	ppm	4.60
Day7	Hour 7	7/7/11 6:00	3.25	36.16	7.46	ppm	5.26
Day7	Hour 8	7/7/11 7:00	3.25	37.30	7.46	ppm	4.36
Day7	Hour 9	7/7/11 8:00	3.25	37.18	7.46	ppm	4.28
Day7	Hour 10	7/7/11 9:00	3.25	37.06	7.46	ppm	4.30
Day7	Hour 11	7/7/11 10:00	3.25	35.48	7.46	ppm	5.09
Day7	Hour 12	7/7/11 11:00	3.25	37.15	7.46	ppm	5.18
Day7	Hour 13	7/7/11 12:00	3.25	37.24	7.46	ppm	4.29
Day7	Hour 14	7/7/11 13:00	3.25	37.33	7.46	ppm	4.28
Day7	Hour 15	7/7/11 14:00	3.25	37.43	7.46	ppm	4.24
Day7	Hour 16	7/7/11 15:00	3.25	37.52	7.46	ppm	4.22
Day7	Hour 17	7/7/11 16:00	3.25	37.09	7.46	ppm	4.24
Day7	Hour 18	7/7/11 17:00	3.25	37.43	7.46	ppm	4.54

Day7	Hour 19	7/7/11 18:00	3.25	37.48	7.46	ppm	4.12
Day7	Hour 20	7/7/11 19:00	3.25	37.53	7.46	ppm	4.25
Day7	Hour 21	7/7/11 20:00	3.25	37.58	7.46	ppm	4.26
Day7	Hour 22	7/7/11 21:00	3.25	37.63	7.46	ppm	4.25
Day7	Hour 23	7/7/11 22:00	3.25	37.68	7.46	ppm	4.26
Day7	Hour 24	7/7/11 23:00	3.25	37.73	7.46	ppm	4.62
Day8	Hour 1	7/8/11 0:00	3.25	37.78	8.48	ppm	4.28
Day8	Hour 2	7/8/11 1:00	3.25	37.75	8.48	ppm	4.12
Day8	Hour 3	7/8/11 2:00	3.25	37.69	8.48	ppm	4.11
Day8	Hour 4	7/8/11 3:00	3.24	37.63	8.48	ppm	4.20
Day8	Hour 5	7/8/11 4:00	3.25	37.56	8.48	ppm	4.13
Day8	Hour 6	7/8/11 5:00	3.25	37.50	8.48	ppm	4.45
Day8	Hour 7	7/8/11 6:00	3.25	36.72	8.48	ppm	5.16
Day8	Hour 8	7/8/11 7:00	3.25	37.96	8.48	ppm	4.31
Day8	Hour 9	7/8/11 8:00	3.24	37.96	8.48	ppm	4.15
Day8	Hour 10	7/8/11 9:00	3.24	37.97	8.48	ppm	4.14
Day8	Hour 11	7/8/11 10:00	3.25	37.97	8.48	ppm	4.28
Day8	Hour 12	7/8/11 11:00	3.24	37.98	8.48	ppm	4.53
Day8	Hour 13	7/8/11 12:00	3.25	37.99	8.48	ppm	4.24
Day8	Hour 14	7/8/11 13:00	3.25	37.99	8.48	ppm	4.17
Day8	Hour 15	7/8/11 14:00	3.25	37.96	8.48	ppm	4.14
Day8	Hour 16	7/8/11 15:00	3.25	37.83	8.48	ppm	4.18
Day8	Hour 17	7/8/11 16:00	3.25	37.12	8.48	ppm	4.20
Day8	Hour 18	7/8/11 17:00	3.25	37.44	8.48	ppm	4.48
Day8	Hour 19	7/8/11 18:00	3.25	37.50	8.48	ppm	4.08
Day8	Hour 20	7/8/11 19:00	3.25	37.57	8.48	ppm	4.12
Day8	Hour 21	7/8/11 20:00	3.25	37.63	8.48	ppm	4.19
Day8	Hour 22	7/8/11 21:00	3.25	37.69	8.48	ppm	4.23
Day8	Hour 23	7/8/11 22:00	3.25	37.76	8.48	ppm	4.23
Day8	Hour 24	7/8/11 23:00	3.25	37.82	8.48	ppm	4.57
Day9	Hour 1	7/9/11 0:00	3.25	37.87	8.59	ppm	4.17
Day9	Hour 2	7/9/11 1:00	3.25	37.74	8.59	ppm	4.18
Day9	Hour 3	7/9/11 2:00	3.25	37.57	8.59	ppm	4.07
Day9	Hour 4	7/9/11 3:00	3.25	37.40	8.59	ppm	4.12
Day9	Hour 5	7/9/11 4:00	3.25	37.23	8.59	ppm	4.21
Day9	Hour 6	7/9/11 5:00	3.25	37.06	8.59	ppm	4.42
Day9	Hour 7	7/9/11 6:00	3.25	36.20	8.59	ppm	5.14
Day9	Hour 8	7/9/11 7:00	3.25	37.42	8.59	ppm	4.17
Day9	Hour 9	7/9/11 8:00	3.25	37.47	8.59	ppm	4.08
Day9	Hour 10	7/9/11 9:00	3.25	37.53	8.59	ppm	4.11
Day9	Hour 11	7/9/11 10:00	3.25	37.58	8.59	ppm	4.01
Day9	Hour 12	7/9/11 11:00	3.25	37.63	8.59	ppm	4.32
Day9	Hour 13	7/9/11 12:00	3.25	37.68	8.59	ppm	3.95
Day9	Hour 14	7/9/11 13:00	3.25	36.89	8.59	ppm	3.93
Day9	Hour 15	7/9/11 14:00	3.26	37.64	8.59	ppm	3.94
Day9	Hour 16	7/9/11 15:00	3.25	37.68	8.59	ppm	4.00
Day9	Hour 17	7/9/11 16:00	3.25	37.72	8.59	ppm	4.06
Day9	Hour 18	7/9/11 17:00	3.25	37.77	8.59	ppm	4.39
Day9	Hour 19	7/9/11 18:00	3.25	37.00	8.59	ppm	4.02
Day9	Hour 20	7/9/11 19:00	3.25	37.64	8.59	ppm	4.04
Day9	Hour 21	7/9/11 20:00	3.25	37.65	8.59	ppm	4.10
Day9	Hour 22	7/9/11 21:00	3.25	37.65	8.59	ppm	4.19
Day9	Hour 23	7/9/11 22:00	3.25	37.66	8.59	ppm	4.16
Day9	Hour 24	7/9/11 23:00	3.25	37.67	8.59	ppm	4.42
Day10	Hour 1	7/10/11 0:00	3.25	37.73	7.42	ppm	4.12
Day10	Hour 2	7/10/11 1:00	3.25	37.81	7.42	ppm	4.14
Day10	Hour 3	7/10/11 2:00	3.25	37.88	7.42	ppm	4.17
Day10	Hour 4	7/10/11 3:00	3.25	37.95	7.42	ppm	4.15
Day10	Hour 5	7/10/11 4:00	3.25	38.02	7.42	ppm	4.14

Day10	Hour 6	7/10/11 5:00	3.25	37.88	7.42	ppm	4.52
Day10	Hour 7	7/10/11 6:00	3.25	35.78	7.42	ppm	4.91
Day10	Hour 8	7/10/11 7:00	3.25	36.84	7.42	ppm	4.14
Day10	Hour 9	7/10/11 8:00	3.25	36.84	7.42	ppm	4.24
Day10	Hour 10	7/10/11 9:00	3.24	36.97	7.42	ppm	4.18
Day10	Hour 11	7/10/11 10:00	3.25	37.13	7.42	ppm	4.06
Day10	Hour 12	7/10/11 11:00	3.24	37.29	7.42	ppm	4.31
Day10	Hour 13	7/10/11 12:00	3.24	37.53	7.42	ppm	3.90
Day10	Hour 14	7/10/11 13:00	3.25	34.80	7.42	ppm	3.82
Day10	Hour 15	7/10/11 14:00	3.25	37.52	7.42	ppm	3.85
Day10	Hour 16	7/10/11 15:00	3.25	37.43	7.42	ppm	3.87
Day10	Hour 17	7/10/11 16:00	3.25	37.32	7.42	ppm	3.88
Day10	Hour 18	7/10/11 17:00	3.25	37.21	7.42	ppm	4.21
Day10	Hour 19	7/10/11 18:00	3.25	37.10	7.42	ppm	3.87
Day10	Hour 20	7/10/11 19:00	3.24	36.99	7.42	ppm	3.89
Day10	Hour 21	7/10/11 20:00	3.19	36.85	7.42	ppm	4.04
Day10	Hour 22	7/10/11 21:00	3.09	36.02	7.42	ppm	4.27
Day10	Hour 23	7/10/11 22:00	2.97	35.12	7.42	ppm	4.45
Day10	Hour 24	7/10/11 23:00	2.93	34.29	7.42	ppm	5.06
Day11	Hour 1	7/11/11 0:00	2.91	33.53	12.95	ppm	4.86
Day11	Hour 2	7/11/11 1:00	2.77	33.09	12.95	ppm	5.18
Day11	Hour 3	7/11/11 2:00	2.55	31.41	12.95	ppm	5.48
Day11	Hour 4	7/11/11 3:00	2.44	30.62	12.95	ppm	5.88
Day11	Hour 5	7/11/11 4:00	2.40	30.09	12.95	ppm	5.91
Day11	Hour 6	7/11/11 5:00	2.40	29.76	12.95	ppm	6.11
Day11	Hour 7	7/11/11 6:00	2.36	28.31	12.95	ppm	6.40
Day11	Hour 8	7/11/11 7:00	2.32	28.44	12.95	ppm	6.34
Day11	Hour 9	7/11/11 8:00	2.30	27.82	12.95	ppm	6.51
Day11	Hour 10	7/11/11 9:00	2.27	27.25	12.95	ppm	6.67
Day11	Hour 11	7/11/11 10:00	2.28	28.11	12.95	ppm	6.63
Day11	Hour 12	7/11/11 11:00	2.30	28.46	12.95	ppm	6.04
Day11	Hour 13	7/11/11 12:00	2.29	28.43	12.95	ppm	5.86
Day11	Hour 14	7/11/11 13:00	2.30	28.41	12.95	ppm	6.00
Day11	Hour 15	7/11/11 14:00	2.29	28.38	12.95	ppm	6.15
Day11	Hour 16	7/11/11 15:00	2.30	28.35	12.95	ppm	6.05
Day11	Hour 17	7/11/11 16:00	2.30	28.33	12.95	ppm	5.96
Day11	Hour 18	7/11/11 17:00	2.29	28.30	12.95	ppm	6.33
Day11	Hour 19	7/11/11 18:00	2.29	28.30	12.95	ppm	6.25
Day11	Hour 20	7/11/11 19:00	2.28	28.43	12.95	ppm	6.46
Day11	Hour 21	7/11/11 20:00	2.28	28.58	12.95	ppm	6.61
Day11	Hour 22	7/11/11 21:00	2.27	28.73	12.95	ppm	6.93
Day11	Hour 23	7/11/11 22:00	2.31	28.88	12.95	ppm	6.79
Day11	Hour 24	7/11/11 23:00	2.34	29.01	12.95	ppm	6.98
Day12	Hour 1	7/12/11 0:00	2.37	29.10	12.63	ppm	6.79
Day12	Hour 2	7/12/11 1:00	2.38	29.19	12.63	ppm	6.80
Day12	Hour 3	7/12/11 2:00	2.38	29.28	12.63	ppm	6.88
Day12	Hour 4	7/12/11 3:00	2.39	29.36	12.63	ppm	6.99
Day12	Hour 5	7/12/11 4:00	2.44	29.43	12.63	ppm	6.78
Day12	Hour 6	7/12/11 5:00	2.46	29.26	12.63	ppm	6.87
Day12	Hour 7	7/12/11 6:00	2.44	28.49	12.63	ppm	6.88
Day12	Hour 8	7/12/11 7:00	2.42	29.22	12.63	ppm	6.38
Day12	Hour 9	7/12/11 8:00	2.42	29.14	12.63	ppm	6.19
Day12	Hour 10	7/12/11 9:00	2.42	29.06	12.63	ppm	6.33
Day12	Hour 11	7/12/11 10:00	2.42	28.98	12.63	ppm	6.32
Day12	Hour 12	7/12/11 11:00	2.42	28.90	12.63	ppm	6.57
Day12	Hour 13	7/12/11 12:00	2.42	28.81	12.63	ppm	6.22
Day12	Hour 14	7/12/11 13:00	2.42	28.73	12.63	ppm	6.11
Day12	Hour 15	7/12/11 14:00	2.42	28.69	12.63	ppm	5.98
Day12	Hour 16	7/12/11 15:00	2.43	28.75	12.63	ppm	5.99

Day12	Hour 17	7/12/11 16:00	2.42	28.81	12.63	ppm	5.89
Day12	Hour 18	7/12/11 17:00	2.42	28.87	12.63	ppm	6.20
Day12	Hour 19	7/12/11 18:00	2.42	28.93	12.63	ppm	6.09
Day12	Hour 20	7/12/11 19:00	2.42	28.99	12.63	ppm	6.19
Day12	Hour 21	7/12/11 20:00	2.41	29.05	12.63	ppm	6.20
Day12	Hour 22	7/12/11 21:00	2.44	29.12	12.63	ppm	6.11
Day12	Hour 23	7/12/11 22:00	2.45	29.13	12.63	ppm	6.03
Day12	Hour 24	7/12/11 23:00	2.45	29.04	12.63	ppm	6.34
Day13	Hour 1	7/13/11 0:00	2.45	28.93	5.02	ppm	6.11
Day13	Hour 2	7/13/11 1:00	2.45	28.83	5.02	ppm	6.14
Day13	Hour 3	7/13/11 2:00	2.45	28.73	5.02	ppm	6.12
Day13	Hour 4	7/13/11 3:00	2.45	28.63	5.02	ppm	6.13
Day13	Hour 5	7/13/11 4:00	2.45	28.53	5.02	ppm	6.14
Day13	Hour 6	7/13/11 5:00	2.45	28.43	5.02	ppm	6.51
Day13	Hour 7	7/13/11 6:00	2.45	28.21	5.02	ppm	6.64
Day13	Hour 8	7/13/11 7:00	2.45	29.10	5.02	ppm	6.21
Day13	Hour 9	7/13/11 8:00	2.45	29.16	5.02	ppm	6.23
Day13	Hour 10	7/13/11 9:00	2.46	29.22	5.02	ppm	5.98
Day13	Hour 11	7/13/11 10:00	2.48	29.28	5.02	ppm	5.87
Day13	Hour 12	7/13/11 11:00	2.52	29.33	5.02	ppm	5.93
Day13	Hour 13	7/13/11 12:00	2.52	29.39	5.02	ppm	5.57
Day13	Hour 14	7/13/11 13:00	2.54	29.45	5.02	ppm	5.56
Day13	Hour 15	7/13/11 14:00	2.54	29.39	5.02	ppm	5.49
Day13	Hour 16	7/13/11 15:00	2.49	29.00	5.02	ppm	5.75
Day13	Hour 17	7/13/11 16:00	2.47	28.97	5.02	ppm	5.91
Day13	Hour 18	7/13/11 17:00	2.49	29.01	5.02	ppm	6.12
Day13	Hour 19	7/13/11 18:00	2.49	29.05	5.02	ppm	5.85
Day13	Hour 20	7/13/11 19:00	2.49	29.09	5.02	ppm	5.82
Day13	Hour 21	7/13/11 20:00	2.49	29.14	5.02	ppm	5.90
Day13	Hour 22	7/13/11 21:00	2.49	29.18	5.02	ppm	5.89
Day13	Hour 23	7/13/11 22:00	2.49	29.22	5.02	ppm	5.90
Day13	Hour 24	7/13/11 23:00	2.49	29.26	5.02	ppm	6.22
Day14	Hour 1	7/14/11 0:00	2.49	29.28	3.34	ppm	5.90
Day14	Hour 2	7/14/11 1:00	2.49	29.38	3.34	ppm	5.90
Day14	Hour 3	7/14/11 2:00	2.50	29.31	3.34	ppm	5.89
Day14	Hour 4	7/14/11 3:00	2.49	29.23	3.34	ppm	5.87
Day14	Hour 5	7/14/11 4:00	2.50	29.24	3.34	ppm	5.91
Day14	Hour 6	7/14/11 5:00	2.49	29.10	3.34	ppm	6.25
Day14	Hour 7	7/14/11 6:00	2.50	28.69	3.34	ppm	6.46
Day14	Hour 8	7/14/11 7:00	2.50	29.53	3.34	ppm	5.90
Day14	Hour 9	7/14/11 8:00	2.50	27.44	3.34	ppm	5.84
Day14	Hour 10	7/14/11 9:00	2.49	29.02	3.34	ppm	6.32
Day14	Hour 11	7/14/11 10:00	2.51	29.80	3.34	ppm	5.89
Day14	Hour 12	7/14/11 11:00	2.54	30.09	3.34	ppm	6.09
Day14	Hour 13	7/14/11 12:00	2.56	30.27	3.34	ppm	5.61
Day14	Hour 14	7/14/11 13:00	2.57	30.29	3.34	ppm	5.45
Day14	Hour 15	7/14/11 14:00	2.58	30.31	3.34	ppm	5.20
Day14	Hour 16	7/14/11 15:00	2.59	30.32	3.34	ppm	5.09
Day14	Hour 17	7/14/11 16:00	2.58	30.34	3.34	ppm	5.12
Day14	Hour 18	7/14/11 17:00	2.58	30.35	3.34	ppm	5.55
Day14	Hour 19	7/14/11 18:00	2.58	30.37	3.34	ppm	5.22
Day14	Hour 20	7/14/11 19:00	2.59	30.39	3.34	ppm	5.31
Day14	Hour 21	7/14/11 20:00	2.58	30.40	3.34	ppm	5.35
Day14	Hour 22	7/14/11 21:00	2.58	30.41	3.34	ppm	5.34
Day14	Hour 23	7/14/11 22:00	2.58	30.41	3.34	ppm	5.36
Day14	Hour 24	7/14/11 23:00	2.59	30.42	3.34	ppm	5.67
Day15	Hour 1	7/15/11 0:00	2.59	30.43	3.64	ppm	5.36
Day15	Hour 2	7/15/11 1:00	2.59	30.43	3.64	ppm	5.36
Day15	Hour 3	7/15/11 2:00	2.59	30.44	3.64	ppm	5.37



Day15	Hour 4	7/15/11 3:00	2.59	30.45	3.64	ppm	5.36
Day15	Hour 5	7/15/11 4:00	2.59	30.29	3.64	ppm	5.33
Day15	Hour 6	7/15/11 5:00	2.58	29.90	3.64	ppm	5.61
Day15	Hour 7	7/15/11 6:00	2.56	29.23	3.64	ppm	5.97
Day15	Hour 8	7/15/11 7:00	2.51	30.04	3.64	ppm	5.68
Day15	Hour 9	7/15/11 8:00	2.50	29.98	3.64	ppm	5.73
Day15	Hour 10	7/15/11 9:00	2.49	29.92	3.64	ppm	5.82
Day15	Hour 11	7/15/11 10:00	2.48	29.87	3.64	ppm	6.03
Day15	Hour 12	7/15/11 11:00	2.51	29.86	3.64	ppm	5.97
Day15	Hour 13	7/15/11 12:00	2.53	29.85	3.64	ppm	5.79
Day15	Hour 14	7/15/11 13:00	2.62	31.10	3.64	ppm	5.34
Day15	Hour 15	7/15/11 14:00	2.70	31.29	3.64	ppm	4.96
Day15	Hour 16	7/15/11 15:00	2.73	33.02	3.64	ppm	4.58
Day15	Hour 17	7/15/11 16:00	2.72	33.03	3.64	ppm	4.54
Day15	Hour 18	7/15/11 17:00	2.70	32.99	3.64	ppm	4.98
Day15	Hour 19	7/15/11 18:00	2.71	32.95	3.64	ppm	4.55
Day15	Hour 20	7/15/11 19:00	2.72	32.90	3.64	ppm	4.52
Day15	Hour 21	7/15/11 20:00	2.72	32.86	3.64	ppm	4.59
Day15	Hour 22	7/15/11 21:00	2.72	32.82	3.64	ppm	4.52
Day15	Hour 23	7/15/11 22:00	2.72	32.78	3.64	ppm	4.56
Day15	Hour 24	7/15/11 23:00	2.72	32.73	3.64	ppm	4.88
Day16	Hour 1	7/16/11 0:00	2.72	32.64	4.64	ppm	4.56
Day16	Hour 2	7/16/11 1:00	2.72	32.55	4.64	ppm	4.62
Day16	Hour 3	7/16/11 2:00	2.72	32.45	4.64	ppm	4.55
Day16	Hour 4	7/16/11 3:00	2.72	32.36	4.64	ppm	4.47
Day16	Hour 5	7/16/11 4:00	2.72	32.27	4.64	ppm	4.43
Day16	Hour 6	7/16/11 5:00	2.71	32.17	4.64	ppm	4.81
Day16	Hour 7	7/16/11 6:00	2.72	31.34	4.64	ppm	5.48
Day16	Hour 8	7/16/11 7:00	2.72	32.31	4.64	ppm	4.70
Day16	Hour 9	7/16/11 8:00	2.72	32.39	4.64	ppm	4.67
Day16	Hour 10	7/16/11 9:00	2.72	32.47	4.64	ppm	4.75
Day16	Hour 11	7/16/11 10:00	2.72	32.55	4.64	ppm	4.62
Day16	Hour 12	7/16/11 11:00	2.72	32.63	4.64	ppm	4.79
Day16	Hour 13	7/16/11 12:00	2.72	32.71	4.64	ppm	4.40
Day16	Hour 14	7/16/11 13:00	2.72	32.78	4.64	ppm	4.42
Day16	Hour 15	7/16/11 14:00	2.72	32.86	4.64	ppm	4.34
Day16	Hour 16	7/16/11 15:00	2.72	32.94	4.64	ppm	4.29
Day16	Hour 17	7/16/11 16:00	2.73	32.52	4.64	ppm	4.29
Day16	Hour 18	7/16/11 17:00	2.72	33.22	4.64	ppm	4.70
Day16	Hour 19	7/16/11 18:00	2.73	33.41	4.64	ppm	4.41
Day16	Hour 20	7/16/11 19:00	2.81	33.62	4.64	ppm	4.34
Day16	Hour 21	7/16/11 20:00	2.88	34.16	4.64	ppm	4.15
Day16	Hour 22	7/16/11 21:00	2.93	34.85	4.64	ppm	4.27
Day16	Hour 23	7/16/11 22:00	3.05	35.93	4.64	ppm	4.05
Day16	Hour 24	7/16/11 23:00	3.09	36.67	4.64	ppm	4.49
Day17	Hour 1	7/17/11 0:00	3.15	37.19	6.34	ppm	3.86
Day17	Hour 2	7/17/11 1:00	3.22	37.75	6.34	ppm	4.14
Day17	Hour 3	7/17/11 2:00	3.25	38.11	6.34	ppm	4.09
Day17	Hour 4	7/17/11 3:00	3.29	38.35	6.34	ppm	4.09
Day17	Hour 5	7/17/11 4:00	3.33	38.35	6.34	ppm	3.94
Day17	Hour 6	7/17/11 5:00	3.33	38.32	6.34	ppm	4.42
Day17	Hour 7	7/17/11 6:00	3.33	37.36	6.34	ppm	5.16
Day17	Hour 8	7/17/11 7:00	3.33	38.60	6.34	ppm	4.16
Day17	Hour 9	7/17/11 8:00	3.34	38.75	6.34	ppm	3.98
Day17	Hour 10	7/17/11 9:00	3.34	38.90	6.34	ppm	4.13
Day17	Hour 11	7/17/11 10:00	3.35	39.05	6.34	ppm	4.07
Day17	Hour 12	7/17/11 11:00	3.37	38.45	6.34	ppm	4.36
Day17	Hour 13	7/17/11 12:00	3.37	36.93	6.34	ppm	4.03
Day17	Hour 14	7/17/11 13:00	3.38	38.19	6.34	ppm	3.95

Day17	Hour 15	7/17/11 14:00	3.38	38.26	6.34	ppm	4.06
Day17	Hour 16	7/17/11 15:00	3.38	38.30	6.34	ppm	4.05
Day17	Hour 17	7/17/11 16:00	3.38	38.34	6.34	ppm	4.08
Day17	Hour 18	7/17/11 17:00	3.38	38.38	6.34	ppm	4.48
Day17	Hour 19	7/17/11 18:00	3.37	38.42	6.34	ppm	4.09
Day17	Hour 20	7/17/11 19:00	3.37	37.78	6.34	ppm	3.98
Day17	Hour 21	7/17/11 20:00	3.38	38.31	6.34	ppm	4.13
Day17	Hour 22	7/17/11 21:00	3.37	38.24	6.34	ppm	4.15
Day17	Hour 23	7/17/11 22:00	3.37	38.17	6.34	ppm	4.18
Day17	Hour 24	7/17/11 23:00	3.34	37.99	6.34	ppm	4.39
Day18	Hour 1	7/18/11 0:00	3.28	37.65	11.57	ppm	4.24
Day18	Hour 2	7/18/11 1:00	3.24	37.25	11.57	ppm	4.29
Day18	Hour 3	7/18/11 2:00	3.24	36.91	11.57	ppm	4.27
Day18	Hour 4	7/18/11 3:00	3.21	36.59	11.57	ppm	4.39
Day18	Hour 5	7/18/11 4:00	3.19	36.27	11.57	ppm	4.40
Day18	Hour 6	7/18/11 5:00	3.20	35.95	11.57	ppm	4.65
Day18	Hour 7	7/18/11 6:00	3.19	34.96	11.57	ppm	5.33
Day18	Hour 8	7/18/11 7:00	3.20	36.26	11.57	ppm	4.53
Day18	Hour 9	7/18/11 8:00	3.22	36.55	11.57	ppm	4.40
Day18	Hour 10	7/18/11 9:00	3.23	33.49	11.57	ppm	4.24
Day18	Hour 11	7/18/11 10:00	3.25	37.05	11.57	ppm	4.85
Day18	Hour 12	7/18/11 11:00	3.28	37.29	11.57	ppm	4.55
Day18	Hour 13	7/18/11 12:00	3.30	37.54	11.57	ppm	3.95
Day18	Hour 14	7/18/11 13:00	3.33	37.79	11.57	ppm	3.86
Day18	Hour 15	7/18/11 14:00	3.36	38.03	11.57	ppm	4.04
Day18	Hour 16	7/18/11 15:00	3.34	37.40	11.57	ppm	4.28
Day18	Hour 17	7/18/11 16:00	3.34	37.09	11.57	ppm	4.43
Day18	Hour 18	7/18/11 17:00	3.34	37.57	11.57	ppm	4.76
Day18	Hour 19	7/18/11 18:00	3.34	37.54	11.57	ppm	4.51
Day18	Hour 20	7/18/11 19:00	3.34	37.50	11.57	ppm	4.59
Day18	Hour 21	7/18/11 20:00	3.34	37.47	11.57	ppm	4.59
Day18	Hour 22	7/18/11 21:00	3.33	37.44	11.57	ppm	4.58
Day18	Hour 23	7/18/11 22:00	3.33	37.41	11.57	ppm	4.56
Day18	Hour 24	7/18/11 23:00	3.33	37.37	11.57	ppm	4.81
Day19	Hour 1	7/19/11 0:00	3.33	37.37	11.21	ppm	4.43
Day19	Hour 2	7/19/11 1:00	3.33	37.40	11.21	ppm	4.32
Day19	Hour 3	7/19/11 2:00	3.33	37.42	11.21	ppm	4.33
Day19	Hour 4	7/19/11 3:00	3.34	37.48	11.21	ppm	4.38
Day19	Hour 5	7/19/11 4:00	3.33	37.68	11.21	ppm	4.32
Day19	Hour 6	7/19/11 5:00	3.33	37.38	11.21	ppm	4.69
Day19	Hour 7	7/19/11 6:00	3.33	36.18	11.21	ppm	5.33
Day19	Hour 8	7/19/11 7:00	3.33	37.33	11.21	ppm	4.38
Day19	Hour 9	7/19/11 8:00	3.33	37.48	11.21	ppm	4.40
Day19	Hour 10	7/19/11 9:00	3.33	37.62	11.21	ppm	4.28
Day19	Hour 11	7/19/11 10:00	3.34	37.77	11.21	ppm	4.28
Day19	Hour 12	7/19/11 11:00	3.34	37.85	11.21	ppm	4.76
Day19	Hour 13	7/19/11 12:00	3.33	37.91	11.21	ppm	4.41
Day19	Hour 14	7/19/11 13:00	3.33	37.97	11.21	ppm	4.28
Day19	Hour 15	7/19/11 14:00	3.33	38.02	11.21	ppm	4.06
Day19	Hour 16	7/19/11 15:00	3.33	38.08	11.21	ppm	4.04
Day19	Hour 17	7/19/11 16:00	3.33	36.39	11.21	ppm	4.29
Day19	Hour 18	7/19/11 17:00	3.34	37.65	11.21	ppm	4.51
Day19	Hour 19	7/19/11 18:00	3.34	37.78	11.21	ppm	3.98
Day19	Hour 20	7/19/11 19:00	3.34	37.90	11.21	ppm	4.09
Day19	Hour 21	7/19/11 20:00	3.34	37.92	11.21	ppm	4.20
Day19	Hour 22	7/19/11 21:00	3.34	37.91	11.21	ppm	4.17
Day19	Hour 23	7/19/11 22:00	3.33	37.90	11.21	ppm	4.19
Day19	Hour 24	7/19/11 23:00	3.34	37.90	11.21	ppm	4.54
Day20	Hour 1	7/20/11 0:00	3.34	37.89	8.23	ppm	4.28

Day20	Hour 2	7/20/11 1:00	3.34	37.88	8.23	ppm	4.20
Day20	Hour 3	7/20/11 2:00	3.34	37.87	8.23	ppm	4.19
Day20	Hour 4	7/20/11 3:00	3.34	37.82	8.23	ppm	4.23
Day20	Hour 5	7/20/11 4:00	3.34	37.48	8.23	ppm	4.33
Day20	Hour 6	7/20/11 5:00	3.34	37.09	8.23	ppm	4.61
Day20	Hour 7	7/20/11 6:00	3.34	36.08	8.23	ppm	5.67
Day20	Hour 8	7/20/11 7:00	3.34	37.19	8.23	ppm	6.30
Day20	Hour 9	7/20/11 8:00	3.34	37.24	8.23	ppm	4.76
Day20	Hour 10	7/20/11 9:00	3.34	37.30	8.23	ppm	5.21
Day20	Hour 11	7/20/11 10:00	3.33	36.71	8.23	ppm	7.15
Day20	Hour 12	7/20/11 11:00	3.33	36.11	8.23	ppm	4.29
Day20	Hour 13	7/20/11 12:00	3.31	34.95	8.23	ppm	4.65
Day20	Hour 14	7/20/11 13:00	3.26	36.58	8.23	ppm	5.02
Day20	Hour 15	7/20/11 14:00	3.27	36.87	8.23	ppm	4.90
Day20	Hour 16	7/20/11 15:00	3.27	36.91	8.23	ppm	4.72
Day20	Hour 17	7/20/11 16:00	3.29	36.95	8.23	ppm	4.70
Day20	Hour 18	7/20/11 17:00	3.28	37.02	8.23	ppm	4.84
Day20	Hour 19	7/20/11 18:00	3.28	37.11	8.23	ppm	4.23
Day20	Hour 20	7/20/11 19:00	3.29	37.21	8.23	ppm	4.38
Day20	Hour 21	7/20/11 20:00	3.30	37.30	8.23	ppm	4.43
Day20	Hour 22	7/20/11 21:00	3.31	36.56	8.23	ppm	4.49
Day20	Hour 23	7/20/11 22:00	3.33	37.27	8.23	ppm	4.61
Day20	Hour 24	7/20/11 23:00	3.33	37.19	8.23	ppm	5.10
Day21	Hour 1	7/21/11 0:00	3.33	37.10	7.52	ppm	4.63
Day21	Hour 2	7/21/11 1:00	3.34	37.01	7.52	ppm	4.72
Day21	Hour 3	7/21/11 2:00	3.34	36.92	7.52	ppm	4.72
Day21	Hour 4	7/21/11 3:00	3.34	36.84	7.52	ppm	4.75
Day21	Hour 5	7/21/11 4:00	3.33	36.75	7.52	ppm	4.80
Day21	Hour 6	7/21/11 5:00	3.34	36.66	7.52	ppm	5.03
Day21	Hour 7	7/21/11 6:00	3.35	35.79	7.52	ppm	6.81
Day21	Hour 8	7/21/11 7:00	3.36	37.03	7.52	ppm	4.32
Day21	Hour 9	7/21/11 8:00	3.37	37.28	7.52	ppm	8.37
Day21	Hour 10	7/21/11 9:00	3.37	37.52	7.52	ppm	4.00
Day21	Hour 11	7/21/11 10:00	3.37	35.04	7.52	ppm	4.08
Day21	Hour 12	7/21/11 11:00	3.39	37.48	7.52	ppm	4.52
Day21	Hour 13	7/21/11 12:00	3.38	37.53	7.52	ppm	3.83
Day21	Hour 14	7/21/11 13:00	3.38	37.59	7.52	ppm	3.78
Day21	Hour 15	7/21/11 14:00	3.38	37.64	7.52	ppm	3.83
Day21	Hour 16	7/21/11 15:00	3.38	37.69	7.52	ppm	3.93
Day21	Hour 17	7/21/11 16:00	3.38	37.74	7.52	ppm	3.96
Day21	Hour 18	7/21/11 17:00	3.38	37.79	7.52	ppm	4.44
Day21	Hour 19	7/21/11 18:00	3.36	37.83	7.52	ppm	3.92
Day21	Hour 20	7/21/11 19:00	3.35	37.79	7.52	ppm	4.02
Day21	Hour 21	7/21/11 20:00	3.35	37.08	7.52	ppm	4.06
Day21	Hour 22	7/21/11 21:00	3.35	38.01	7.52	ppm	4.10
Day21	Hour 23	7/21/11 22:00	3.35	38.04	7.52	ppm	4.07
Day21	Hour 24	7/21/11 23:00	3.37	38.06	7.52	ppm	6.84
Day22	Hour 1	7/22/11 0:00	3.37	38.09	11.02	ppm	4.95
Day22	Hour 2	7/22/11 1:00	3.37	38.11	11.02	ppm	4.50
Day22	Hour 3	7/22/11 2:00	3.36	38.14	11.02	ppm	4.44
Day22	Hour 4	7/22/11 3:00	3.36	38.16	11.02	ppm	4.44
Day22	Hour 5	7/22/11 4:00	3.36	38.15	11.02	ppm	4.46
Day22	Hour 6	7/22/11 5:00	3.36	37.78	11.02	ppm	4.82
Day22	Hour 7	7/22/11 6:00	3.36	36.36	11.02	ppm	5.43
Day22	Hour 8	7/22/11 7:00	3.36	37.32	11.02	ppm	4.49
Day22	Hour 9	7/22/11 8:00	3.35	37.36	11.02	ppm	4.37
Day22	Hour 10	7/22/11 9:00	3.36	37.39	11.02	ppm	4.26
Day22	Hour 11	7/22/11 10:00	3.35	37.43	11.02	ppm	7.76
Day22	Hour 12	7/22/11 11:00	3.34	37.46	11.02	ppm	4.46

Day22	Hour 13	7/22/11 12:00	3.34	37.50	11.02	ppm	4.16
Day22	Hour 14	7/22/11 13:00	3.35	37.51	11.02	ppm	4.30
Day22	Hour 15	7/22/11 14:00	3.35	37.52	11.02	ppm	4.56
Day22	Hour 16	7/22/11 15:00	3.35	37.53	11.02	ppm	4.58
Day22	Hour 17	7/22/11 16:00	3.34	37.54	11.02	ppm	4.57
Day22	Hour 18	7/22/11 17:00	3.34	36.03	11.02	ppm	4.90
Day22	Hour 19	7/22/11 18:00	3.34	36.03	11.02	ppm	4.55
Day22	Hour 20	7/22/11 19:00	3.34	36.72	11.02	ppm	4.57
Day22	Hour 21	7/22/11 20:00	3.34	37.61	11.02	ppm	4.62
Day22	Hour 22	7/22/11 21:00	3.36	37.67	11.02	ppm	4.67
Day22	Hour 23	7/22/11 22:00	3.36	37.73	11.02	ppm	4.68
Day22	Hour 24	7/22/11 23:00	3.36	37.78	11.02	ppm	5.08
Day23	Hour 1	7/23/11 0:00	3.36	37.84	10.88	ppm	4.74
Day23	Hour 2	7/23/11 1:00	3.35	37.89	10.88	ppm	4.78
Day23	Hour 3	7/23/11 2:00	3.36	37.95	10.88	ppm	4.77
Day23	Hour 4	7/23/11 3:00	3.36	37.99	10.88	ppm	4.76
Day23	Hour 5	7/23/11 4:00	3.36	37.79	10.88	ppm	4.77
Day23	Hour 6	7/23/11 5:00	3.36	37.52	10.88	ppm	5.09
Day23	Hour 7	7/23/11 6:00	3.36	36.38	10.88	ppm	5.56
Day23	Hour 8	7/23/11 7:00	3.36	37.42	10.88	ppm	4.40
Day23	Hour 9	7/23/11 8:00	3.36	37.46	10.88	ppm	4.31
Day23	Hour 10	7/23/11 9:00	3.35	37.49	10.88	ppm	4.45
Day23	Hour 11	7/23/11 10:00	3.36	37.53	10.88	ppm	4.51
Day23	Hour 12	7/23/11 11:00	3.37	37.56	10.88	ppm	4.82
Day23	Hour 13	7/23/11 12:00	3.37	37.60	10.88	ppm	4.32
Day23	Hour 14	7/23/11 13:00	3.36	37.64	10.88	ppm	4.24
Day23	Hour 15	7/23/11 14:00	3.36	37.69	10.88	ppm	4.22
Day23	Hour 16	7/23/11 15:00	3.35	37.73	10.88	ppm	4.23
Day23	Hour 17	7/23/11 16:00	3.36	37.78	10.88	ppm	4.32
Day23	Hour 18	7/23/11 17:00	3.36	37.83	10.88	ppm	4.62
Day23	Hour 19	7/23/11 18:00	3.36	37.87	10.88	ppm	4.22
Day23	Hour 20	7/23/11 19:00	3.36	37.92	10.88	ppm	4.40
Day23	Hour 21	7/23/11 20:00	3.36	37.95	10.88	ppm	4.38
Day23	Hour 22	7/23/11 21:00	3.36	37.95	10.88	ppm	4.43
Day23	Hour 23	7/23/11 22:00	3.36	37.94	10.88	ppm	4.37
Day23	Hour 24	7/23/11 23:00	3.36	37.93	10.88	ppm	4.78
Day24	Hour 1	7/24/11 0:00	3.36	37.92	8.61	ppm	4.36
Day24	Hour 2	7/24/11 1:00	3.36	37.91	8.61	ppm	4.41
Day24	Hour 3	7/24/11 2:00	3.36	37.90	8.61	ppm	4.43
Day24	Hour 4	7/24/11 3:00	3.36	37.90	8.61	ppm	4.46
Day24	Hour 5	7/24/11 4:00	3.36	37.78	8.61	ppm	4.51
Day24	Hour 6	7/24/11 5:00	3.36	37.38	8.61	ppm	4.86
Day24	Hour 7	7/24/11 6:00	3.36	36.61	8.61	ppm	5.52
Day24	Hour 8	7/24/11 7:00	3.36	37.96	8.61	ppm	4.55
Day24	Hour 9	7/24/11 8:00	3.36	37.91	8.61	ppm	4.48
Day24	Hour 10	7/24/11 9:00	3.35	37.86	8.61	ppm	4.57
Day24	Hour 11	7/24/11 10:00	3.34	37.80	8.61	ppm	4.49
Day24	Hour 12	7/24/11 11:00	3.35	37.75	8.61	ppm	4.90
Day24	Hour 13	7/24/11 12:00	3.35	37.70	8.61	ppm	4.53
Day24	Hour 14	7/24/11 13:00	3.35	37.65	8.61	ppm	4.45
Day24	Hour 15	7/24/11 14:00	3.37	37.70	8.61	ppm	4.37
Day24	Hour 16	7/24/11 15:00	3.38	38.04	8.61	ppm	4.36
Day24	Hour 17	7/24/11 16:00	3.37	37.99	8.61	ppm	4.40
Day24	Hour 18	7/24/11 17:00	3.37	37.76	8.61	ppm	4.73
Day24	Hour 19	7/24/11 18:00	3.37	37.75	8.61	ppm	4.49
Day24	Hour 20	7/24/11 19:00	3.37	37.74	8.61	ppm	4.48
Day24	Hour 21	7/24/11 20:00	3.37	37.73	8.61	ppm	4.46
Day24	Hour 22	7/24/11 21:00	3.38	37.72	8.61	ppm	4.49
Day24	Hour 23	7/24/11 22:00	3.38	37.71	8.61	ppm	4.51

Day24	Hour 24	7/24/11 23:00	3.37	37.70	8.61	ppm	4.82
Day25	Hour 1	7/25/11 0:00	3.36	37.69	7.67	ppm	4.41
Day25	Hour 2	7/25/11 1:00	3.36	37.65	7.67	ppm	4.42
Day25	Hour 3	7/25/11 2:00	3.37	37.55	7.67	ppm	4.55
Day25	Hour 4	7/25/11 3:00	3.37	37.46	7.67	ppm	4.44
Day25	Hour 5	7/25/11 4:00	3.37	37.37	7.67	ppm	4.41
Day25	Hour 6	7/25/11 5:00	3.37	37.27	7.67	ppm	4.67
Day25	Hour 7	7/25/11 6:00	3.36	36.55	7.67	ppm	5.40
Day25	Hour 8	7/25/11 7:00	3.37	37.62	7.67	ppm	4.53
Day25	Hour 9	7/25/11 8:00	3.37	35.14	7.67	ppm	4.50
Day25	Hour 10	7/25/11 9:00	3.36	37.58	7.67	ppm	4.47
Day25	Hour 11	7/25/11 10:00	3.36	37.57	7.67	ppm	5.17
Day25	Hour 12	7/25/11 11:00	3.36	37.56	7.67	ppm	4.80
Day25	Hour 13	7/25/11 12:00	3.36	37.55	7.67	ppm	4.41
Day25	Hour 14	7/25/11 13:00	3.36	37.54	7.67	ppm	4.40
Day25	Hour 15	7/25/11 14:00	3.35	37.53	7.67	ppm	4.37
Day25	Hour 16	7/25/11 15:00	3.35	37.53	7.67	ppm	4.38
Day25	Hour 17	7/25/11 16:00	3.35	37.53	7.67	ppm	4.41
Day25	Hour 18	7/25/11 17:00	3.34	37.53	7.67	ppm	4.71
Day25	Hour 19	7/25/11 18:00	3.35	37.54	7.67	ppm	4.45
Day25	Hour 20	7/25/11 19:00	3.35	37.54	7.67	ppm	4.46
Day25	Hour 21	7/25/11 20:00	3.35	37.54	7.67	ppm	4.49
Day25	Hour 22	7/25/11 21:00	3.35	37.54	7.67	ppm	4.63
Day25	Hour 23	7/25/11 22:00	3.37	37.54	7.67	ppm	4.60
Day25	Hour 24	7/25/11 23:00	3.36	37.50	7.67	ppm	4.96
Day26	Hour 1	7/26/11 0:00	3.36	37.45	10.61	ppm	4.67
Day26	Hour 2	7/26/11 1:00	3.37	37.39	10.61	ppm	4.75
Day26	Hour 3	7/26/11 2:00	3.38	37.33	10.61	ppm	4.78
Day26	Hour 4	7/26/11 3:00	3.38	37.27	10.61	ppm	4.80
Day26	Hour 5	7/26/11 4:00	3.38	37.21	10.61	ppm	4.77
Day26	Hour 6	7/26/11 5:00	3.38	37.15	10.61	ppm	5.15
Day26	Hour 7	7/26/11 6:00	3.38	36.54	10.61	ppm	5.66
Day26	Hour 8	7/26/11 7:00	3.38	37.89	10.61	ppm	4.83
Day26	Hour 9	7/26/11 8:00	3.38	37.91	10.61	ppm	4.77
Day26	Hour 10	7/26/11 9:00	3.35	37.92	10.61	ppm	4.76
Day26	Hour 11	7/26/11 10:00	3.33	37.94	10.61	ppm	4.68
Day26	Hour 12	7/26/11 11:00	3.33	37.95	10.61	ppm	5.04
Day26	Hour 13	7/26/11 12:00	3.33	37.97	10.61	ppm	4.69
Day26	Hour 14	7/26/11 13:00	3.33	37.98	10.61	ppm	4.69
Day26	Hour 15	7/26/11 14:00	3.32	37.97	10.61	ppm	4.64
Day26	Hour 16	7/26/11 15:00	3.32	37.96	10.61	ppm	4.59
Day26	Hour 17	7/26/11 16:00	3.32	37.94	10.61	ppm	4.63
Day26	Hour 18	7/26/11 17:00	3.33	37.92	10.61	ppm	4.94
Day26	Hour 19	7/26/11 18:00	3.32	37.91	10.61	ppm	4.61
Day26	Hour 20	7/26/11 19:00	3.32	37.89	10.61	ppm	4.66
Day26	Hour 21	7/26/11 20:00	3.33	37.87	10.61	ppm	4.67
Day26	Hour 22	7/26/11 21:00	3.32	37.87	10.61	ppm	4.71
Day26	Hour 23	7/26/11 22:00	3.33	37.90	10.61	ppm	4.66
Day26	Hour 24	7/26/11 23:00	3.33	37.94	10.61	ppm	5.01
Day27	Hour 1	7/27/11 0:00	3.32	37.98	8.18	ppm	4.70
Day27	Hour 2	7/27/11 1:00	3.33	38.02	8.18	ppm	4.68
Day27	Hour 3	7/27/11 2:00	3.33	38.06	8.18	ppm	4.63
Day27	Hour 4	7/27/11 3:00	3.33	38.11	8.18	ppm	4.62
Day27	Hour 5	7/27/11 4:00	3.33	38.15	8.18	ppm	4.52
Day27	Hour 6	7/27/11 5:00	3.33	38.00	8.18	ppm	4.78
Day27	Hour 7	7/27/11 6:00	3.32	36.77	8.18	ppm	5.40
Day27	Hour 8	7/27/11 7:00	3.32	38.07	8.18	ppm	4.41
Day27	Hour 9	7/27/11 8:00	3.32	38.17	8.18	ppm	4.39
Day27	Hour 10	7/27/11 9:00	3.35	38.27	8.18	ppm	4.43

Day27	Hour 11	7/27/11 10:00	3.31	38.37	8.18	ppm	4.28
Day27	Hour 12	7/27/11 11:00	3.27	38.47	8.18	ppm	4.67
Day27	Hour 13	7/27/11 12:00	3.36	38.56	8.18	ppm	4.31
Day27	Hour 14	7/27/11 13:00	3.36	38.66	8.18	ppm	4.23
Day27	Hour 15	7/27/11 14:00	3.36	38.75	8.18	ppm	4.19
Day27	Hour 16	7/27/11 15:00	3.37	38.76	8.18	ppm	4.20
Day27	Hour 17	7/27/11 16:00	3.36	38.77	8.18	ppm	4.21
Day27	Hour 18	7/27/11 17:00	3.37	38.78	8.18	ppm	4.50
Day27	Hour 19	7/27/11 18:00	3.38	38.80	8.18	ppm	4.17
Day27	Hour 20	7/27/11 19:00	3.38	38.81	8.18	ppm	4.20
Day27	Hour 21	7/27/11 20:00	3.38	38.82	8.18	ppm	4.31
Day27	Hour 22	7/27/11 21:00	3.38	38.83	8.18	ppm	4.45
Day27	Hour 23	7/27/11 22:00	3.38	38.82	8.18	ppm	4.51
Day27	Hour 24	7/27/11 23:00	3.38	38.76	8.18	ppm	4.88
Day28	Hour 1	7/28/11 0:00	3.38	38.69	8.20	ppm	4.33
Day28	Hour 2	7/28/11 1:00	3.38	38.63	8.20	ppm	4.31
Day28	Hour 3	7/28/11 2:00	3.38	38.56	8.20	ppm	4.45
Day28	Hour 4	7/28/11 3:00	3.38	38.50	8.20	ppm	4.42
Day28	Hour 5	7/28/11 4:00	3.38	38.44	8.20	ppm	4.43
Day28	Hour 6	7/28/11 5:00	3.38	38.37	8.20	ppm	4.81
Day28	Hour 7	7/28/11 6:00	3.37	37.37	8.20	ppm	5.41
Day28	Hour 8	7/28/11 7:00	3.38	38.38	8.20	ppm	4.43
Day28	Hour 9	7/28/11 8:00	3.38	38.16	8.20	ppm	4.41
Day28	Hour 10	7/28/11 9:00	3.38	36.09	8.20	ppm	4.38
Day28	Hour 11	7/28/11 10:00	3.38	38.46	8.20	ppm	4.43
Day28	Hour 12	7/28/11 11:00	3.38	38.44	8.20	ppm	4.77
Day28	Hour 13	7/28/11 12:00	3.38	38.42	8.20	ppm	4.36
Day28	Hour 14	7/28/11 13:00	3.36	38.31	8.20	ppm	4.40
Day28	Hour 15	7/28/11 14:00	3.26	37.68	8.20	ppm	4.58
Day28	Hour 16	7/28/11 15:00	3.24	37.36	8.20	ppm	4.79
Day28	Hour 17	7/28/11 16:00	3.25	37.21	8.20	ppm	4.48
Day28	Hour 18	7/28/11 17:00	3.26	37.05	8.20	ppm	4.80
Day28	Hour 19	7/28/11 18:00	3.26	36.50	8.20	ppm	4.64
Day28	Hour 20	7/28/11 19:00	3.25	37.20	8.20	ppm	4.68
Day28	Hour 21	7/28/11 20:00	3.25	37.35	8.20	ppm	4.72
Day28	Hour 22	7/28/11 21:00	3.25	37.36	8.20	ppm	4.73
Day28	Hour 23	7/28/11 22:00	3.25	37.33	8.20	ppm	4.73
Day28	Hour 24	7/28/11 23:00	3.25	37.30	8.20	ppm	5.10
Day29	Hour 1	7/29/11 0:00	3.25	37.26	8.16	ppm	4.76
Day29	Hour 2	7/29/11 1:00	3.25	37.23	8.16	ppm	4.73
Day29	Hour 3	7/29/11 2:00	3.25	37.20	8.16	ppm	4.70
Day29	Hour 4	7/29/11 3:00	3.25	37.17	8.16	ppm	4.70
Day29	Hour 5	7/29/11 4:00	3.25	37.10	8.16	ppm	4.69
Day29	Hour 6	7/29/11 5:00	3.25	36.75	8.16	ppm	5.00
Day29	Hour 7	7/29/11 6:00	3.25	35.93	8.16	ppm	5.62
Day29	Hour 8	7/29/11 7:00	3.25	37.18	8.16	ppm	4.72
Day29	Hour 9	7/29/11 8:00	3.25	37.10	8.16	ppm	4.65
Day29	Hour 10	7/29/11 9:00	3.25	37.02	8.16	ppm	4.51
Day29	Hour 11	7/29/11 10:00	3.24	36.95	8.16	ppm	4.59
Day29	Hour 12	7/29/11 11:00	3.24	36.87	8.16	ppm	4.96
Day29	Hour 13	7/29/11 12:00	3.25	36.79	8.16	ppm	4.59
Day29	Hour 14	7/29/11 13:00	3.24	36.71	8.16	ppm	4.54
Day29	Hour 15	7/29/11 14:00	3.24	36.65	8.16	ppm	4.52
Day29	Hour 16	7/29/11 15:00	3.24	36.24	8.16	ppm	4.57
Day29	Hour 17	7/29/11 16:00	3.25	35.60	8.16	ppm	4.56
Day29	Hour 18	7/29/11 17:00	3.24	36.08	8.16	ppm	4.93
Day29	Hour 19	7/29/11 18:00	3.24	36.48	8.16	ppm	4.61
Day29	Hour 20	7/29/11 19:00	3.24	36.55	8.16	ppm	4.66
Day29	Hour 21	7/29/11 20:00	3.25	34.76	8.16	ppm	4.62



Facility ID	Unit ID	Pollutant
MN2B0720	EU-228	Nox

Form Approved 03/28/2011

OMB Control No. 2060-0657

Approval Expires 03/31/2016

## CEMS Hourly Average Emission Data Points for Pollutant for 30 Days that Include Testing Date

		Date/Time (MM/DD/YYYY): 00:00 12 hr clock	Daily production/ throughput rate <b>Feed Rate</b> (MBPH)	Daily production/ throughput rate <b>Coke Burnoff Rate</b> (MLB/HR)	1-day average emission value for pollutant (as measured by the CEMS)	Unit of measure recorded by CEMS	O <sub>2</sub> content (%)	Moisture content (%)	Data average affected by a startup, shutdown, or other event? (If event, describe)	OPTIONAL: Emission value (ppmvd @ 7% O <sub>2</sub> )	OPTIONAL: 1-day average emission value for pollutant in other units		
											1-day average emission value for pollutant, corrected for %O <sub>2</sub> (value)	1-day average emission value for pollutant, (units)	% O <sub>2</sub> correction (by volume, dry basis)
Day1	Hour 1	7/1/11 0:00	3.00	34.80	27.23	ppm	4.19						
Day1	Hour 2	7/1/11 1:00	3.00	34.77	27.23	ppm	4.25						
Day1	Hour 3	7/1/11 2:00	3.00	34.75	27.23	ppm	4.25						
Day1	Hour 4	7/1/11 3:00	3.00	34.73	27.23	ppm	4.26						
Day1	Hour 5	7/1/11 4:00	3.00	34.70	27.23	ppm	4.32						
Day1	Hour 6	7/1/11 5:00	3.00	34.68	27.23	ppm	4.63						
Day1	Hour 7	7/1/11 6:00	3.00	33.53	27.23	ppm	5.28						
Day1	Hour 8	7/1/11 7:00	2.99	34.66	27.23	ppm	4.48						
Day1	Hour 9	7/1/11 8:00	3.00	34.64	27.23	ppm	4.42						
Day1	Hour 10	7/1/11 9:00	3.00	34.63	27.23	ppm	4.43						
Day1	Hour 11	7/1/11 10:00	3.00	34.62	27.23	ppm	4.42						
Day1	Hour 12	7/1/11 11:00	3.00	34.61	27.23	ppm	4.67						
Day1	Hour 13	7/1/11 12:00	3.00	33.05	27.23	ppm	4.27						
Day1	Hour 14	7/1/11 13:00	3.00	34.42	27.23	ppm	4.28						
Day1	Hour 15	7/1/11 14:00	3.00	34.07	27.23	ppm	4.23						
Day1	Hour 16	7/1/11 15:00	3.00	35.08	27.23	ppm	4.25						
Day1	Hour 17	7/1/11 16:00	3.00	35.02	27.23	ppm	4.33						
Day1	Hour 18	7/1/11 17:00	3.00	34.97	27.23	ppm	4.66						
Day1	Hour 19	7/1/11 18:00	3.00	34.80	27.23	ppm	4.30						
Day1	Hour 20	7/1/11 19:00	3.00	34.89	27.23	ppm	4.50						
Day1	Hour 21	7/1/11 20:00	3.01	34.85	27.23	ppm	4.27						
Day1	Hour 22	7/1/11 21:00	3.01	34.83	27.23	ppm	4.26						
Day1	Hour 23	7/1/11 22:00	3.01	35.27	27.23	ppm	3.96						
Day1	Hour 24	7/1/11 23:00	3.01	35.87	27.23	ppm	4.32						
Day2	Hour 1	7/2/11 0:00	3.01	36.05	25.53	ppm	3.81						
Day2	Hour 2	7/2/11 1:00	3.01	36.00	25.53	ppm	3.86						
Day2	Hour 3	7/2/11 2:00	3.01	35.96	25.53	ppm	3.83						
Day2	Hour 4	7/2/11 3:00	3.01	35.91	25.53	ppm	3.85						
Day2	Hour 5	7/2/11 4:00	3.01	35.86	25.53	ppm	3.84						
Day2	Hour 6	7/2/11 5:00	3.01	35.81	25.53	ppm	4.16						
Day2	Hour 7	7/2/11 6:00	3.01	35.26	25.53	ppm	4.98						
Day2	Hour 8	7/2/11 7:00	3.00	36.50	25.53	ppm	3.95						
Day2	Hour 9	7/2/11 8:00	3.00	36.48	25.53	ppm	3.94						
Day2	Hour 10	7/2/11 9:00	3.01	36.46	25.53	ppm	3.97						
Day2	Hour 11	7/2/11 10:00	3.01	36.44	25.53	ppm	4.18						
Day2	Hour 12	7/2/11 11:00	3.00	36.42	25.53	ppm	4.62						
Day2	Hour 13	7/2/11 12:00	3.00	36.40	25.53	ppm	4.39						
Day2	Hour 14	7/2/11 13:00	3.00	36.38	25.53	ppm	4.32						
Day2	Hour 15	7/2/11 14:00	3.01	36.38	25.53	ppm	4.32						
Day2	Hour 16	7/2/11 15:00	3.01	36.42	25.53	ppm	4.30						
Day2	Hour 17	7/2/11 16:00	3.00	35.84	25.53	ppm	4.33						
Day2	Hour 18	7/2/11 17:00	3.00	36.47	25.53	ppm	4.58						
Day2	Hour 19	7/2/11 18:00	3.01	35.47	25.53	ppm	4.20						
Day2	Hour 20	7/2/11 19:00	3.01	36.38	25.53	ppm	4.25						
Day2	Hour 21	7/2/11 20:00	3.01	36.40	25.53	ppm	4.25						



Day2	Hour 22	7/2/11 21:00	3.01	36.41	25.53	ppm	4.22
Day2	Hour 23	7/2/11 22:00	3.01	36.42	25.53	ppm	4.25
Day2	Hour 24	7/2/11 23:00	3.00	36.42	25.53	ppm	4.59
Day3	Hour 1	7/3/11 0:00	3.00	36.43	24.71	ppm	4.22
Day3	Hour 2	7/3/11 1:00	2.99	36.44	24.71	ppm	4.30
Day3	Hour 3	7/3/11 2:00	3.00	36.45	24.71	ppm	4.32
Day3	Hour 4	7/3/11 3:00	3.00	36.33	24.71	ppm	4.41
Day3	Hour 5	7/3/11 4:00	3.03	36.17	24.71	ppm	4.38
Day3	Hour 6	7/3/11 5:00	3.02	36.19	24.71	ppm	4.69
Day3	Hour 7	7/3/11 6:00	3.01	35.40	24.71	ppm	5.33
Day3	Hour 8	7/3/11 7:00	3.01	36.46	24.71	ppm	4.41
Day3	Hour 9	7/3/11 8:00	2.99	36.33	24.71	ppm	4.31
Day3	Hour 10	7/3/11 9:00	2.99	36.21	24.71	ppm	4.31
Day3	Hour 11	7/3/11 10:00	2.98	36.17	24.71	ppm	4.26
Day3	Hour 12	7/3/11 11:00	2.99	36.16	24.71	ppm	4.60
Day3	Hour 13	7/3/11 12:00	2.98	36.15	24.71	ppm	4.18
Day3	Hour 14	7/3/11 13:00	2.98	36.15	24.71	ppm	4.16
Day3	Hour 15	7/3/11 14:00	2.98	36.14	24.71	ppm	4.11
Day3	Hour 16	7/3/11 15:00	2.98	36.13	24.71	ppm	4.16
Day3	Hour 17	7/3/11 16:00	2.98	35.77	24.71	ppm	4.16
Day3	Hour 18	7/3/11 17:00	2.98	35.69	24.71	ppm	4.45
Day3	Hour 19	7/3/11 18:00	2.98	35.88	24.71	ppm	4.13
Day3	Hour 20	7/3/11 19:00	2.98	36.15	24.71	ppm	4.10
Day3	Hour 21	7/3/11 20:00	2.98	36.16	24.71	ppm	4.12
Day3	Hour 22	7/3/11 21:00	2.98	36.18	24.71	ppm	4.03
Day3	Hour 23	7/3/11 22:00	2.99	36.19	24.71	ppm	4.04
Day3	Hour 24	7/3/11 23:00	2.98	36.21	24.71	ppm	4.42
Day4	Hour 1	7/4/11 0:00	2.98	36.22	22.15	ppm	4.14
Day4	Hour 2	7/4/11 1:00	2.98	36.24	22.15	ppm	4.11
Day4	Hour 3	7/4/11 2:00	2.99	36.24	22.15	ppm	4.05
Day4	Hour 4	7/4/11 3:00	2.99	36.16	22.15	ppm	4.06
Day4	Hour 5	7/4/11 4:00	2.99	36.06	22.15	ppm	4.01
Day4	Hour 6	7/4/11 5:00	2.99	35.95	22.15	ppm	4.37
Day4	Hour 7	7/4/11 6:00	2.99	35.27	22.15	ppm	5.14
Day4	Hour 8	7/4/11 7:00	2.99	36.51	22.15	ppm	4.01
Day4	Hour 9	7/4/11 8:00	2.99	36.52	22.15	ppm	4.02
Day4	Hour 10	7/4/11 9:00	2.99	36.53	22.15	ppm	4.00
Day4	Hour 11	7/4/11 10:00	2.98	36.55	22.15	ppm	4.02
Day4	Hour 12	7/4/11 11:00	2.98	36.56	22.15	ppm	4.38
Day4	Hour 13	7/4/11 12:00	2.98	36.58	22.15	ppm	4.05
Day4	Hour 14	7/4/11 13:00	2.98	36.59	22.15	ppm	4.07
Day4	Hour 15	7/4/11 14:00	2.98	36.03	22.15	ppm	3.99
Day4	Hour 16	7/4/11 15:00	2.98	34.73	22.15	ppm	4.87
Day4	Hour 17	7/4/11 16:00	2.98	35.99	22.15	ppm	3.98
Day4	Hour 18	7/4/11 17:00	2.98	36.39	22.15	ppm	4.26
Day4	Hour 19	7/4/11 18:00	2.98	36.38	22.15	ppm	3.86
Day4	Hour 20	7/4/11 19:00	2.98	36.36	22.15	ppm	3.95
Day4	Hour 21	7/4/11 20:00	2.99	36.35	22.15	ppm	3.96
Day4	Hour 22	7/4/11 21:00	2.99	36.34	22.15	ppm	4.00
Day4	Hour 23	7/4/11 22:00	2.99	36.32	22.15	ppm	4.11
Day4	Hour 24	7/4/11 23:00	3.00	36.31	22.15	ppm	4.45
Day5	Hour 1	7/5/11 0:00	2.99	36.30	21.77	ppm	4.10
Day5	Hour 2	7/5/11 1:00	2.99	36.44	21.77	ppm	4.13
Day5	Hour 3	7/5/11 2:00	3.00	36.61	21.77	ppm	4.07
Day5	Hour 4	7/5/11 3:00	3.00	36.79	21.77	ppm	3.99
Day5	Hour 5	7/5/11 4:00	3.00	36.96	21.77	ppm	3.95
Day5	Hour 6	7/5/11 5:00	3.00	36.84	21.77	ppm	4.51
Day5	Hour 7	7/5/11 6:00	3.01	35.54	21.77	ppm	5.15
Day5	Hour 8	7/5/11 7:00	3.00	36.76	21.77	ppm	4.01
Day5	Hour 9	7/5/11 8:00	3.00	36.76	21.77	ppm	4.00

Day5	Hour 10	7/5/11 9:00	3.00	36.76	21.77	ppm	3.98
Day5	Hour 11	7/5/11 10:00	3.00	36.76	21.77	ppm	4.00
Day5	Hour 12	7/5/11 11:00	3.00	36.76	21.77	ppm	4.42
Day5	Hour 13	7/5/11 12:00	3.00	36.75	21.77	ppm	4.10
Day5	Hour 14	7/5/11 13:00	3.00	36.75	21.77	ppm	4.04
Day5	Hour 15	7/5/11 14:00	3.00	36.73	21.77	ppm	4.02
Day5	Hour 16	7/5/11 15:00	2.99	36.67	21.77	ppm	3.97
Day5	Hour 17	7/5/11 16:00	2.99	36.61	21.77	ppm	3.92
Day5	Hour 18	7/5/11 17:00	2.99	36.54	21.77	ppm	4.21
Day5	Hour 19	7/5/11 18:00	2.99	36.48	21.77	ppm	3.88
Day5	Hour 20	7/5/11 19:00	2.99	36.41	21.77	ppm	4.18
Day5	Hour 21	7/5/11 20:00	3.01	36.35	21.77	ppm	4.26
Day5	Hour 22	7/5/11 21:00	3.01	36.29	21.77	ppm	4.16
Day5	Hour 23	7/5/11 22:00	3.00	36.26	21.77	ppm	4.16
Day5	Hour 24	7/5/11 23:00	3.00	36.29	21.77	ppm	4.56
Day6	Hour 1	7/6/11 0:00	3.00	36.32	20.29	ppm	4.33
Day6	Hour 2	7/6/11 1:00	3.00	36.35	20.29	ppm	4.36
Day6	Hour 3	7/6/11 2:00	3.00	36.38	20.29	ppm	4.36
Day6	Hour 4	7/6/11 3:00	3.01	36.42	20.29	ppm	4.37
Day6	Hour 5	7/6/11 4:00	3.01	36.45	20.29	ppm	4.35
Day6	Hour 6	7/6/11 5:00	3.01	36.48	20.29	ppm	4.64
Day6	Hour 7	7/6/11 6:00	3.01	35.35	20.29	ppm	5.29
Day6	Hour 8	7/6/11 7:00	3.01	36.48	20.29	ppm	4.44
Day6	Hour 9	7/6/11 8:00	3.01	36.51	20.29	ppm	4.39
Day6	Hour 10	7/6/11 9:00	3.01	36.54	20.29	ppm	4.34
Day6	Hour 11	7/6/11 10:00	3.01	36.57	20.29	ppm	4.33
Day6	Hour 12	7/6/11 11:00	3.01	36.60	20.29	ppm	4.66
Day6	Hour 13	7/6/11 12:00	3.00	36.64	20.29	ppm	4.33
Day6	Hour 14	7/6/11 13:00	3.01	36.67	20.29	ppm	4.30
Day6	Hour 15	7/6/11 14:00	3.04	36.86	20.29	ppm	4.40
Day6	Hour 16	7/6/11 15:00	3.10	37.54	20.29	ppm	4.34
Day6	Hour 17	7/6/11 16:00	3.15	38.02	20.29	ppm	4.46
Day6	Hour 18	7/6/11 17:00	3.17	37.48	20.29	ppm	4.78
Day6	Hour 19	7/6/11 18:00	3.17	37.20	20.29	ppm	4.57
Day6	Hour 20	7/6/11 19:00	3.18	38.00	20.29	ppm	4.65
Day6	Hour 21	7/6/11 20:00	3.24	38.01	20.29	ppm	4.50
Day6	Hour 22	7/6/11 21:00	3.25	38.03	20.29	ppm	4.40
Day6	Hour 23	7/6/11 22:00	3.25	38.04	20.29	ppm	4.41
Day6	Hour 24	7/6/11 23:00	3.25	38.06	20.29	ppm	4.74
Day7	Hour 1	7/7/11 0:00	3.25	38.07	20.27	ppm	4.45
Day7	Hour 2	7/7/11 1:00	3.26	38.08	20.27	ppm	4.33
Day7	Hour 3	7/7/11 2:00	3.25	38.06	20.27	ppm	4.30
Day7	Hour 4	7/7/11 3:00	3.25	37.90	20.27	ppm	4.31
Day7	Hour 5	7/7/11 4:00	3.25	37.72	20.27	ppm	4.35
Day7	Hour 6	7/7/11 5:00	3.25	37.19	20.27	ppm	4.60
Day7	Hour 7	7/7/11 6:00	3.25	36.16	20.27	ppm	5.26
Day7	Hour 8	7/7/11 7:00	3.25	37.30	20.27	ppm	4.36
Day7	Hour 9	7/7/11 8:00	3.25	37.18	20.27	ppm	4.28
Day7	Hour 10	7/7/11 9:00	3.25	37.06	20.27	ppm	4.30
Day7	Hour 11	7/7/11 10:00	3.25	35.48	20.27	ppm	5.09
Day7	Hour 12	7/7/11 11:00	3.25	37.15	20.27	ppm	5.18
Day7	Hour 13	7/7/11 12:00	3.25	37.24	20.27	ppm	4.29
Day7	Hour 14	7/7/11 13:00	3.25	37.33	20.27	ppm	4.28
Day7	Hour 15	7/7/11 14:00	3.25	37.43	20.27	ppm	4.24
Day7	Hour 16	7/7/11 15:00	3.25	37.52	20.27	ppm	4.22
Day7	Hour 17	7/7/11 16:00	3.25	37.09	20.27	ppm	4.24
Day7	Hour 18	7/7/11 17:00	3.25	37.43	20.27	ppm	4.54
Day7	Hour 19	7/7/11 18:00	3.25	37.48	20.27	ppm	4.12
Day7	Hour 20	7/7/11 19:00	3.25	37.53	20.27	ppm	4.25
Day7	Hour 21	7/7/11 20:00	3.25	37.58	20.27	ppm	4.26

Day7	Hour 22	7/7/11 21:00	3.25	37.63	20.27	ppm	4.25
Day7	Hour 23	7/7/11 22:00	3.25	37.68	20.27	ppm	4.26
Day7	Hour 24	7/7/11 23:00	3.25	37.73	20.27	ppm	4.62
Day8	Hour 1	7/8/11 0:00	3.25	37.78	19.65	ppm	4.28
Day8	Hour 2	7/8/11 1:00	3.25	37.75	19.65	ppm	4.12
Day8	Hour 3	7/8/11 2:00	3.25	37.69	19.65	ppm	4.11
Day8	Hour 4	7/8/11 3:00	3.24	37.63	19.65	ppm	4.20
Day8	Hour 5	7/8/11 4:00	3.25	37.56	19.65	ppm	4.13
Day8	Hour 6	7/8/11 5:00	3.25	37.50	19.65	ppm	4.45
Day8	Hour 7	7/8/11 6:00	3.25	36.72	19.65	ppm	5.16
Day8	Hour 8	7/8/11 7:00	3.25	37.96	19.65	ppm	4.31
Day8	Hour 9	7/8/11 8:00	3.24	37.96	19.65	ppm	4.15
Day8	Hour 10	7/8/11 9:00	3.24	37.97	19.65	ppm	4.14
Day8	Hour 11	7/8/11 10:00	3.25	37.97	19.65	ppm	4.28
Day8	Hour 12	7/8/11 11:00	3.24	37.98	19.65	ppm	4.53
Day8	Hour 13	7/8/11 12:00	3.25	37.99	19.65	ppm	4.24
Day8	Hour 14	7/8/11 13:00	3.25	37.99	19.65	ppm	4.17
Day8	Hour 15	7/8/11 14:00	3.25	37.96	19.65	ppm	4.14
Day8	Hour 16	7/8/11 15:00	3.25	37.83	19.65	ppm	4.18
Day8	Hour 17	7/8/11 16:00	3.25	37.12	19.65	ppm	4.20
Day8	Hour 18	7/8/11 17:00	3.25	37.44	19.65	ppm	4.48
Day8	Hour 19	7/8/11 18:00	3.25	37.50	19.65	ppm	4.08
Day8	Hour 20	7/8/11 19:00	3.25	37.57	19.65	ppm	4.12
Day8	Hour 21	7/8/11 20:00	3.25	37.63	19.65	ppm	4.19
Day8	Hour 22	7/8/11 21:00	3.25	37.69	19.65	ppm	4.23
Day8	Hour 23	7/8/11 22:00	3.25	37.76	19.65	ppm	4.23
Day8	Hour 24	7/8/11 23:00	3.25	37.82	19.65	ppm	4.57
Day9	Hour 1	7/9/11 0:00	3.25	37.87	19.36	ppm	4.17
Day9	Hour 2	7/9/11 1:00	3.25	37.74	19.36	ppm	4.18
Day9	Hour 3	7/9/11 2:00	3.25	37.57	19.36	ppm	4.07
Day9	Hour 4	7/9/11 3:00	3.25	37.40	19.36	ppm	4.12
Day9	Hour 5	7/9/11 4:00	3.25	37.23	19.36	ppm	4.21
Day9	Hour 6	7/9/11 5:00	3.25	37.06	19.36	ppm	4.42
Day9	Hour 7	7/9/11 6:00	3.25	36.20	19.36	ppm	5.14
Day9	Hour 8	7/9/11 7:00	3.25	37.42	19.36	ppm	4.17
Day9	Hour 9	7/9/11 8:00	3.25	37.47	19.36	ppm	4.08
Day9	Hour 10	7/9/11 9:00	3.25	37.53	19.36	ppm	4.11
Day9	Hour 11	7/9/11 10:00	3.25	37.58	19.36	ppm	4.01
Day9	Hour 12	7/9/11 11:00	3.25	37.63	19.36	ppm	4.32
Day9	Hour 13	7/9/11 12:00	3.25	37.68	19.36	ppm	3.95
Day9	Hour 14	7/9/11 13:00	3.25	36.89	19.36	ppm	3.93
Day9	Hour 15	7/9/11 14:00	3.26	37.64	19.36	ppm	3.94
Day9	Hour 16	7/9/11 15:00	3.25	37.68	19.36	ppm	4.00
Day9	Hour 17	7/9/11 16:00	3.25	37.72	19.36	ppm	4.06
Day9	Hour 18	7/9/11 17:00	3.25	37.77	19.36	ppm	4.39
Day9	Hour 19	7/9/11 18:00	3.25	37.00	19.36	ppm	4.02
Day9	Hour 20	7/9/11 19:00	3.25	37.64	19.36	ppm	4.04
Day9	Hour 21	7/9/11 20:00	3.25	37.65	19.36	ppm	4.10
Day9	Hour 22	7/9/11 21:00	3.25	37.65	19.36	ppm	4.19
Day9	Hour 23	7/9/11 22:00	3.25	37.66	19.36	ppm	4.16
Day9	Hour 24	7/9/11 23:00	3.25	37.67	19.36	ppm	4.42
Day10	Hour 1	7/10/11 0:00	3.25	37.73	20.03	ppm	4.12
Day10	Hour 2	7/10/11 1:00	3.25	37.81	20.03	ppm	4.14
Day10	Hour 3	7/10/11 2:00	3.25	37.88	20.03	ppm	4.17
Day10	Hour 4	7/10/11 3:00	3.25	37.95	20.03	ppm	4.15
Day10	Hour 5	7/10/11 4:00	3.25	38.02	20.03	ppm	4.14
Day10	Hour 6	7/10/11 5:00	3.25	37.88	20.03	ppm	4.52
Day10	Hour 7	7/10/11 6:00	3.25	35.78	20.03	ppm	4.91
Day10	Hour 8	7/10/11 7:00	3.25	36.84	20.03	ppm	4.14
Day10	Hour 9	7/10/11 8:00	3.25	36.84	20.03	ppm	4.24

Day10	Hour 10	7/10/11 9:00	3.24	36.97	20.03	ppm	4.18
Day10	Hour 11	7/10/11 10:00	3.25	37.13	20.03	ppm	4.06
Day10	Hour 12	7/10/11 11:00	3.24	37.29	20.03	ppm	4.31
Day10	Hour 13	7/10/11 12:00	3.24	37.53	20.03	ppm	3.90
Day10	Hour 14	7/10/11 13:00	3.25	34.80	20.03	ppm	3.82
Day10	Hour 15	7/10/11 14:00	3.25	37.52	20.03	ppm	3.85
Day10	Hour 16	7/10/11 15:00	3.25	37.43	20.03	ppm	3.87
Day10	Hour 17	7/10/11 16:00	3.25	37.32	20.03	ppm	3.88
Day10	Hour 18	7/10/11 17:00	3.25	37.21	20.03	ppm	4.21
Day10	Hour 19	7/10/11 18:00	3.25	37.10	20.03	ppm	3.87
Day10	Hour 20	7/10/11 19:00	3.24	36.99	20.03	ppm	3.89
Day10	Hour 21	7/10/11 20:00	3.19	36.85	20.03	ppm	4.04
Day10	Hour 22	7/10/11 21:00	3.09	36.02	20.03	ppm	4.27
Day10	Hour 23	7/10/11 22:00	2.97	35.12	20.03	ppm	4.45
Day10	Hour 24	7/10/11 23:00	2.93	34.29	20.03	ppm	5.06
Day11	Hour 1	7/11/11 0:00	2.91	33.53	41.78	ppm	4.86
Day11	Hour 2	7/11/11 1:00	2.77	33.09	41.78	ppm	5.18
Day11	Hour 3	7/11/11 2:00	2.55	31.41	41.78	ppm	5.48
Day11	Hour 4	7/11/11 3:00	2.44	30.62	41.78	ppm	5.88
Day11	Hour 5	7/11/11 4:00	2.40	30.09	41.78	ppm	5.91
Day11	Hour 6	7/11/11 5:00	2.40	29.76	41.78	ppm	6.11
Day11	Hour 7	7/11/11 6:00	2.36	28.31	41.78	ppm	6.40
Day11	Hour 8	7/11/11 7:00	2.32	28.44	41.78	ppm	6.34
Day11	Hour 9	7/11/11 8:00	2.30	27.82	41.78	ppm	6.51
Day11	Hour 10	7/11/11 9:00	2.27	27.25	41.78	ppm	6.67
Day11	Hour 11	7/11/11 10:00	2.28	28.11	41.78	ppm	6.63
Day11	Hour 12	7/11/11 11:00	2.30	28.46	41.78	ppm	6.04
Day11	Hour 13	7/11/11 12:00	2.29	28.43	41.78	ppm	5.86
Day11	Hour 14	7/11/11 13:00	2.30	28.41	41.78	ppm	6.00
Day11	Hour 15	7/11/11 14:00	2.29	28.38	41.78	ppm	6.15
Day11	Hour 16	7/11/11 15:00	2.30	28.35	41.78	ppm	6.05
Day11	Hour 17	7/11/11 16:00	2.30	28.33	41.78	ppm	5.96
Day11	Hour 18	7/11/11 17:00	2.29	28.30	41.78	ppm	6.33
Day11	Hour 19	7/11/11 18:00	2.29	28.30	41.78	ppm	6.25
Day11	Hour 20	7/11/11 19:00	2.28	28.43	41.78	ppm	6.46
Day11	Hour 21	7/11/11 20:00	2.28	28.58	41.78	ppm	6.61
Day11	Hour 22	7/11/11 21:00	2.27	28.73	41.78	ppm	6.93
Day11	Hour 23	7/11/11 22:00	2.31	28.88	41.78	ppm	6.79
Day11	Hour 24	7/11/11 23:00	2.34	29.01	41.78	ppm	6.98
Day12	Hour 1	7/12/11 0:00	2.37	29.10	36.09	ppm	6.79
Day12	Hour 2	7/12/11 1:00	2.38	29.19	36.09	ppm	6.80
Day12	Hour 3	7/12/11 2:00	2.38	29.28	36.09	ppm	6.88
Day12	Hour 4	7/12/11 3:00	2.39	29.36	36.09	ppm	6.99
Day12	Hour 5	7/12/11 4:00	2.44	29.43	36.09	ppm	6.78
Day12	Hour 6	7/12/11 5:00	2.46	29.26	36.09	ppm	6.87
Day12	Hour 7	7/12/11 6:00	2.44	28.49	36.09	ppm	6.88
Day12	Hour 8	7/12/11 7:00	2.42	29.22	36.09	ppm	6.38
Day12	Hour 9	7/12/11 8:00	2.42	29.14	36.09	ppm	6.19
Day12	Hour 10	7/12/11 9:00	2.42	29.06	36.09	ppm	6.33
Day12	Hour 11	7/12/11 10:00	2.42	28.98	36.09	ppm	6.32
Day12	Hour 12	7/12/11 11:00	2.42	28.90	36.09	ppm	6.57
Day12	Hour 13	7/12/11 12:00	2.42	28.81	36.09	ppm	6.22
Day12	Hour 14	7/12/11 13:00	2.42	28.73	36.09	ppm	6.11
Day12	Hour 15	7/12/11 14:00	2.42	28.69	36.09	ppm	5.98
Day12	Hour 16	7/12/11 15:00	2.43	28.75	36.09	ppm	5.99
Day12	Hour 17	7/12/11 16:00	2.42	28.81	36.09	ppm	5.89
Day12	Hour 18	7/12/11 17:00	2.42	28.87	36.09	ppm	6.20
Day12	Hour 19	7/12/11 18:00	2.42	28.93	36.09	ppm	6.09
Day12	Hour 20	7/12/11 19:00	2.42	28.99	36.09	ppm	6.19
Day12	Hour 21	7/12/11 20:00	2.41	29.05	36.09	ppm	6.20

Day12	Hour 22	7/12/11 21:00	2.44	29.12	36.09	ppm	6.11
Day12	Hour 23	7/12/11 22:00	2.45	29.13	36.09	ppm	6.03
Day12	Hour 24	7/12/11 23:00	2.45	29.04	36.09	ppm	6.34
Day13	Hour 1	7/13/11 0:00	2.45	28.93	39.11	ppm	6.11
Day13	Hour 2	7/13/11 1:00	2.45	28.83	39.11	ppm	6.14
Day13	Hour 3	7/13/11 2:00	2.45	28.73	39.11	ppm	6.12
Day13	Hour 4	7/13/11 3:00	2.45	28.63	39.11	ppm	6.13
Day13	Hour 5	7/13/11 4:00	2.45	28.53	39.11	ppm	6.14
Day13	Hour 6	7/13/11 5:00	2.45	28.43	39.11	ppm	6.51
Day13	Hour 7	7/13/11 6:00	2.45	28.21	39.11	ppm	6.64
Day13	Hour 8	7/13/11 7:00	2.45	29.10	39.11	ppm	6.21
Day13	Hour 9	7/13/11 8:00	2.45	29.16	39.11	ppm	6.23
Day13	Hour 10	7/13/11 9:00	2.46	29.22	39.11	ppm	5.98
Day13	Hour 11	7/13/11 10:00	2.48	29.28	39.11	ppm	5.87
Day13	Hour 12	7/13/11 11:00	2.52	29.33	39.11	ppm	5.93
Day13	Hour 13	7/13/11 12:00	2.52	29.39	39.11	ppm	5.57
Day13	Hour 14	7/13/11 13:00	2.54	29.45	39.11	ppm	5.56
Day13	Hour 15	7/13/11 14:00	2.54	29.39	39.11	ppm	5.49
Day13	Hour 16	7/13/11 15:00	2.49	29.00	39.11	ppm	5.75
Day13	Hour 17	7/13/11 16:00	2.47	28.97	39.11	ppm	5.91
Day13	Hour 18	7/13/11 17:00	2.49	29.01	39.11	ppm	6.12
Day13	Hour 19	7/13/11 18:00	2.49	29.05	39.11	ppm	5.85
Day13	Hour 20	7/13/11 19:00	2.49	29.09	39.11	ppm	5.82
Day13	Hour 21	7/13/11 20:00	2.49	29.14	39.11	ppm	5.90
Day13	Hour 22	7/13/11 21:00	2.49	29.18	39.11	ppm	5.89
Day13	Hour 23	7/13/11 22:00	2.49	29.22	39.11	ppm	5.90
Day13	Hour 24	7/13/11 23:00	2.49	29.26	39.11	ppm	6.22
Day14	Hour 1	7/14/11 0:00	2.49	29.28	37.21	ppm	5.90
Day14	Hour 2	7/14/11 1:00	2.49	29.38	37.21	ppm	5.90
Day14	Hour 3	7/14/11 2:00	2.50	29.31	37.21	ppm	5.89
Day14	Hour 4	7/14/11 3:00	2.49	29.23	37.21	ppm	5.87
Day14	Hour 5	7/14/11 4:00	2.50	29.24	37.21	ppm	5.91
Day14	Hour 6	7/14/11 5:00	2.49	29.10	37.21	ppm	6.25
Day14	Hour 7	7/14/11 6:00	2.50	28.69	37.21	ppm	6.46
Day14	Hour 8	7/14/11 7:00	2.50	29.53	37.21	ppm	5.90
Day14	Hour 9	7/14/11 8:00	2.50	27.44	37.21	ppm	5.84
Day14	Hour 10	7/14/11 9:00	2.49	29.02	37.21	ppm	6.32
Day14	Hour 11	7/14/11 10:00	2.51	29.80	37.21	ppm	5.89
Day14	Hour 12	7/14/11 11:00	2.54	30.09	37.21	ppm	6.09
Day14	Hour 13	7/14/11 12:00	2.56	30.27	37.21	ppm	5.61
Day14	Hour 14	7/14/11 13:00	2.57	30.29	37.21	ppm	5.45
Day14	Hour 15	7/14/11 14:00	2.58	30.31	37.21	ppm	5.20
Day14	Hour 16	7/14/11 15:00	2.59	30.32	37.21	ppm	5.09
Day14	Hour 17	7/14/11 16:00	2.58	30.34	37.21	ppm	5.12
Day14	Hour 18	7/14/11 17:00	2.58	30.35	37.21	ppm	5.55
Day14	Hour 19	7/14/11 18:00	2.58	30.37	37.21	ppm	5.22
Day14	Hour 20	7/14/11 19:00	2.59	30.39	37.21	ppm	5.31
Day14	Hour 21	7/14/11 20:00	2.58	30.40	37.21	ppm	5.35
Day14	Hour 22	7/14/11 21:00	2.58	30.41	37.21	ppm	5.34
Day14	Hour 23	7/14/11 22:00	2.58	30.41	37.21	ppm	5.36
Day14	Hour 24	7/14/11 23:00	2.59	30.42	37.21	ppm	5.67
Day15	Hour 1	7/15/11 0:00	2.59	30.43	32.18	ppm	5.36
Day15	Hour 2	7/15/11 1:00	2.59	30.43	32.18	ppm	5.36
Day15	Hour 3	7/15/11 2:00	2.59	30.44	32.18	ppm	5.37
Day15	Hour 4	7/15/11 3:00	2.59	30.45	32.18	ppm	5.36
Day15	Hour 5	7/15/11 4:00	2.59	30.29	32.18	ppm	5.33
Day15	Hour 6	7/15/11 5:00	2.58	29.90	32.18	ppm	5.61
Day15	Hour 7	7/15/11 6:00	2.56	29.23	32.18	ppm	5.97
Day15	Hour 8	7/15/11 7:00	2.51	30.04	32.18	ppm	5.68
Day15	Hour 9	7/15/11 8:00	2.50	29.98	32.18	ppm	5.73

Day15	Hour 10	7/15/11 9:00	2.49	29.92	32.18	ppm	5.82
Day15	Hour 11	7/15/11 10:00	2.48	29.87	32.18	ppm	6.03
Day15	Hour 12	7/15/11 11:00	2.51	29.86	32.18	ppm	5.97
Day15	Hour 13	7/15/11 12:00	2.53	29.85	32.18	ppm	5.79
Day15	Hour 14	7/15/11 13:00	2.62	31.10	32.18	ppm	5.34
Day15	Hour 15	7/15/11 14:00	2.70	31.29	32.18	ppm	4.96
Day15	Hour 16	7/15/11 15:00	2.73	33.02	32.18	ppm	4.58
Day15	Hour 17	7/15/11 16:00	2.72	33.03	32.18	ppm	4.54
Day15	Hour 18	7/15/11 17:00	2.70	32.99	32.18	ppm	4.98
Day15	Hour 19	7/15/11 18:00	2.71	32.95	32.18	ppm	4.55
Day15	Hour 20	7/15/11 19:00	2.72	32.90	32.18	ppm	4.52
Day15	Hour 21	7/15/11 20:00	2.72	32.86	32.18	ppm	4.59
Day15	Hour 22	7/15/11 21:00	2.72	32.82	32.18	ppm	4.52
Day15	Hour 23	7/15/11 22:00	2.72	32.78	32.18	ppm	4.56
Day15	Hour 24	7/15/11 23:00	2.72	32.73	32.18	ppm	4.88
Day16	Hour 1	7/16/11 0:00	2.72	32.64	23.85	ppm	4.56
Day16	Hour 2	7/16/11 1:00	2.72	32.55	23.85	ppm	4.62
Day16	Hour 3	7/16/11 2:00	2.72	32.45	23.85	ppm	4.55
Day16	Hour 4	7/16/11 3:00	2.72	32.36	23.85	ppm	4.47
Day16	Hour 5	7/16/11 4:00	2.72	32.27	23.85	ppm	4.43
Day16	Hour 6	7/16/11 5:00	2.71	32.17	23.85	ppm	4.81
Day16	Hour 7	7/16/11 6:00	2.72	31.34	23.85	ppm	5.48
Day16	Hour 8	7/16/11 7:00	2.72	32.31	23.85	ppm	4.70
Day16	Hour 9	7/16/11 8:00	2.72	32.39	23.85	ppm	4.67
Day16	Hour 10	7/16/11 9:00	2.72	32.47	23.85	ppm	4.75
Day16	Hour 11	7/16/11 10:00	2.72	32.55	23.85	ppm	4.62
Day16	Hour 12	7/16/11 11:00	2.72	32.63	23.85	ppm	4.79
Day16	Hour 13	7/16/11 12:00	2.72	32.71	23.85	ppm	4.40
Day16	Hour 14	7/16/11 13:00	2.72	32.78	23.85	ppm	4.42
Day16	Hour 15	7/16/11 14:00	2.72	32.86	23.85	ppm	4.34
Day16	Hour 16	7/16/11 15:00	2.72	32.94	23.85	ppm	4.29
Day16	Hour 17	7/16/11 16:00	2.73	32.52	23.85	ppm	4.29
Day16	Hour 18	7/16/11 17:00	2.72	33.22	23.85	ppm	4.70
Day16	Hour 19	7/16/11 18:00	2.73	33.41	23.85	ppm	4.41
Day16	Hour 20	7/16/11 19:00	2.81	33.62	23.85	ppm	4.34
Day16	Hour 21	7/16/11 20:00	2.88	34.16	23.85	ppm	4.15
Day16	Hour 22	7/16/11 21:00	2.93	34.85	23.85	ppm	4.27
Day16	Hour 23	7/16/11 22:00	3.05	35.93	23.85	ppm	4.05
Day16	Hour 24	7/16/11 23:00	3.09	36.67	23.85	ppm	4.49
Day17	Hour 1	7/17/11 0:00	3.15	37.19	19.47	ppm	3.86
Day17	Hour 2	7/17/11 1:00	3.22	37.75	19.47	ppm	4.14
Day17	Hour 3	7/17/11 2:00	3.25	38.11	19.47	ppm	4.09
Day17	Hour 4	7/17/11 3:00	3.29	38.35	19.47	ppm	4.09
Day17	Hour 5	7/17/11 4:00	3.33	38.35	19.47	ppm	3.94
Day17	Hour 6	7/17/11 5:00	3.33	38.32	19.47	ppm	4.42
Day17	Hour 7	7/17/11 6:00	3.33	37.36	19.47	ppm	5.16
Day17	Hour 8	7/17/11 7:00	3.33	38.60	19.47	ppm	4.16
Day17	Hour 9	7/17/11 8:00	3.34	38.75	19.47	ppm	3.98
Day17	Hour 10	7/17/11 9:00	3.34	38.90	19.47	ppm	4.13
Day17	Hour 11	7/17/11 10:00	3.35	39.05	19.47	ppm	4.07
Day17	Hour 12	7/17/11 11:00	3.37	38.45	19.47	ppm	4.36
Day17	Hour 13	7/17/11 12:00	3.37	36.93	19.47	ppm	4.03
Day17	Hour 14	7/17/11 13:00	3.38	38.19	19.47	ppm	3.95
Day17	Hour 15	7/17/11 14:00	3.38	38.26	19.47	ppm	4.06
Day17	Hour 16	7/17/11 15:00	3.38	38.30	19.47	ppm	4.05
Day17	Hour 17	7/17/11 16:00	3.38	38.34	19.47	ppm	4.08
Day17	Hour 18	7/17/11 17:00	3.38	38.38	19.47	ppm	4.48
Day17	Hour 19	7/17/11 18:00	3.37	38.42	19.47	ppm	4.09
Day17	Hour 20	7/17/11 19:00	3.37	37.78	19.47	ppm	3.98
Day17	Hour 21	7/17/11 20:00	3.38	38.31	19.47	ppm	4.13

Day17	Hour 22	7/17/11 21:00	3.37	38.24	19.47	ppm	4.15
Day17	Hour 23	7/17/11 22:00	3.37	38.17	19.47	ppm	4.18
Day17	Hour 24	7/17/11 23:00	3.34	37.99	19.47	ppm	4.39
Day18	Hour 1	7/18/11 0:00	3.28	37.65	17.19	ppm	4.24
Day18	Hour 2	7/18/11 1:00	3.24	37.25	17.19	ppm	4.29
Day18	Hour 3	7/18/11 2:00	3.24	36.91	17.19	ppm	4.27
Day18	Hour 4	7/18/11 3:00	3.21	36.59	17.19	ppm	4.39
Day18	Hour 5	7/18/11 4:00	3.19	36.27	17.19	ppm	4.40
Day18	Hour 6	7/18/11 5:00	3.20	35.95	17.19	ppm	4.65
Day18	Hour 7	7/18/11 6:00	3.19	34.96	17.19	ppm	5.33
Day18	Hour 8	7/18/11 7:00	3.20	36.26	17.19	ppm	4.53
Day18	Hour 9	7/18/11 8:00	3.22	36.55	17.19	ppm	4.40
Day18	Hour 10	7/18/11 9:00	3.23	33.49	17.19	ppm	4.24
Day18	Hour 11	7/18/11 10:00	3.25	37.05	17.19	ppm	4.85
Day18	Hour 12	7/18/11 11:00	3.28	37.29	17.19	ppm	4.55
Day18	Hour 13	7/18/11 12:00	3.30	37.54	17.19	ppm	3.95
Day18	Hour 14	7/18/11 13:00	3.33	37.79	17.19	ppm	3.86
Day18	Hour 15	7/18/11 14:00	3.36	38.03	17.19	ppm	4.04
Day18	Hour 16	7/18/11 15:00	3.34	37.40	17.19	ppm	4.28
Day18	Hour 17	7/18/11 16:00	3.34	37.09	17.19	ppm	4.43
Day18	Hour 18	7/18/11 17:00	3.34	37.57	17.19	ppm	4.76
Day18	Hour 19	7/18/11 18:00	3.34	37.54	17.19	ppm	4.51
Day18	Hour 20	7/18/11 19:00	3.34	37.50	17.19	ppm	4.59
Day18	Hour 21	7/18/11 20:00	3.34	37.47	17.19	ppm	4.59
Day18	Hour 22	7/18/11 21:00	3.33	37.44	17.19	ppm	4.58
Day18	Hour 23	7/18/11 22:00	3.33	37.41	17.19	ppm	4.56
Day18	Hour 24	7/18/11 23:00	3.33	37.37	17.19	ppm	4.81
Day19	Hour 1	7/19/11 0:00	3.33	37.37	17.38	ppm	4.43
Day19	Hour 2	7/19/11 1:00	3.33	37.40	17.38	ppm	4.32
Day19	Hour 3	7/19/11 2:00	3.33	37.42	17.38	ppm	4.33
Day19	Hour 4	7/19/11 3:00	3.34	37.48	17.38	ppm	4.38
Day19	Hour 5	7/19/11 4:00	3.33	37.68	17.38	ppm	4.32
Day19	Hour 6	7/19/11 5:00	3.33	37.38	17.38	ppm	4.69
Day19	Hour 7	7/19/11 6:00	3.33	36.18	17.38	ppm	5.33
Day19	Hour 8	7/19/11 7:00	3.33	37.33	17.38	ppm	4.38
Day19	Hour 9	7/19/11 8:00	3.33	37.48	17.38	ppm	4.40
Day19	Hour 10	7/19/11 9:00	3.33	37.62	17.38	ppm	4.28
Day19	Hour 11	7/19/11 10:00	3.34	37.77	17.38	ppm	4.28
Day19	Hour 12	7/19/11 11:00	3.34	37.85	17.38	ppm	4.76
Day19	Hour 13	7/19/11 12:00	3.33	37.91	17.38	ppm	4.41
Day19	Hour 14	7/19/11 13:00	3.33	37.97	17.38	ppm	4.28
Day19	Hour 15	7/19/11 14:00	3.33	38.02	17.38	ppm	4.06
Day19	Hour 16	7/19/11 15:00	3.33	38.08	17.38	ppm	4.04
Day19	Hour 17	7/19/11 16:00	3.33	36.39	17.38	ppm	4.29
Day19	Hour 18	7/19/11 17:00	3.34	37.65	17.38	ppm	4.51
Day19	Hour 19	7/19/11 18:00	3.34	37.78	17.38	ppm	3.98
Day19	Hour 20	7/19/11 19:00	3.34	37.90	17.38	ppm	4.09
Day19	Hour 21	7/19/11 20:00	3.34	37.92	17.38	ppm	4.20
Day19	Hour 22	7/19/11 21:00	3.34	37.91	17.38	ppm	4.17
Day19	Hour 23	7/19/11 22:00	3.33	37.90	17.38	ppm	4.19
Day19	Hour 24	7/19/11 23:00	3.34	37.90	17.38	ppm	4.54
Day20	Hour 1	7/20/11 0:00	3.34	37.89	17.63	ppm	4.28
Day20	Hour 2	7/20/11 1:00	3.34	37.88	17.63	ppm	4.20
Day20	Hour 3	7/20/11 2:00	3.34	37.87	17.63	ppm	4.19
Day20	Hour 4	7/20/11 3:00	3.34	37.82	17.63	ppm	4.23
Day20	Hour 5	7/20/11 4:00	3.34	37.48	17.63	ppm	4.33
Day20	Hour 6	7/20/11 5:00	3.34	37.09	17.63	ppm	4.61
Day20	Hour 7	7/20/11 6:00	3.34	36.08	17.63	ppm	5.67
Day20	Hour 8	7/20/11 7:00	3.34	37.19	17.63	ppm	6.30
Day20	Hour 9	7/20/11 8:00	3.34	37.24	17.63	ppm	4.76

Day20	Hour 10	7/20/11 9:00	3.34	37.30	17.63	ppm	5.21
Day20	Hour 11	7/20/11 10:00	3.33	36.71	17.63	ppm	7.15
Day20	Hour 12	7/20/11 11:00	3.33	36.11	17.63	ppm	4.29
Day20	Hour 13	7/20/11 12:00	3.31	34.95	17.63	ppm	4.65
Day20	Hour 14	7/20/11 13:00	3.26	36.58	17.63	ppm	5.02
Day20	Hour 15	7/20/11 14:00	3.27	36.87	17.63	ppm	4.90
Day20	Hour 16	7/20/11 15:00	3.27	36.91	17.63	ppm	4.72
Day20	Hour 17	7/20/11 16:00	3.29	36.95	17.63	ppm	4.70
Day20	Hour 18	7/20/11 17:00	3.28	37.02	17.63	ppm	4.84
Day20	Hour 19	7/20/11 18:00	3.28	37.11	17.63	ppm	4.23
Day20	Hour 20	7/20/11 19:00	3.29	37.21	17.63	ppm	4.38
Day20	Hour 21	7/20/11 20:00	3.30	37.30	17.63	ppm	4.43
Day20	Hour 22	7/20/11 21:00	3.31	36.56	17.63	ppm	4.49
Day20	Hour 23	7/20/11 22:00	3.33	37.27	17.63	ppm	4.61
Day20	Hour 24	7/20/11 23:00	3.33	37.19	17.63	ppm	5.10
Day21	Hour 1	7/21/11 0:00	3.33	37.10	15.66	ppm	4.63
Day21	Hour 2	7/21/11 1:00	3.34	37.01	15.66	ppm	4.72
Day21	Hour 3	7/21/11 2:00	3.34	36.92	15.66	ppm	4.72
Day21	Hour 4	7/21/11 3:00	3.34	36.84	15.66	ppm	4.75
Day21	Hour 5	7/21/11 4:00	3.33	36.75	15.66	ppm	4.80
Day21	Hour 6	7/21/11 5:00	3.34	36.66	15.66	ppm	5.03
Day21	Hour 7	7/21/11 6:00	3.35	35.79	15.66	ppm	6.81
Day21	Hour 8	7/21/11 7:00	3.36	37.03	15.66	ppm	4.32
Day21	Hour 9	7/21/11 8:00	3.37	37.28	15.66	ppm	8.37
Day21	Hour 10	7/21/11 9:00	3.37	37.52	15.66	ppm	4.00
Day21	Hour 11	7/21/11 10:00	3.37	35.04	15.66	ppm	4.08
Day21	Hour 12	7/21/11 11:00	3.39	37.48	15.66	ppm	4.52
Day21	Hour 13	7/21/11 12:00	3.38	37.53	15.66	ppm	3.83
Day21	Hour 14	7/21/11 13:00	3.38	37.59	15.66	ppm	3.78
Day21	Hour 15	7/21/11 14:00	3.38	37.64	15.66	ppm	3.83
Day21	Hour 16	7/21/11 15:00	3.38	37.69	15.66	ppm	3.93
Day21	Hour 17	7/21/11 16:00	3.38	37.74	15.66	ppm	3.96
Day21	Hour 18	7/21/11 17:00	3.38	37.79	15.66	ppm	4.44
Day21	Hour 19	7/21/11 18:00	3.36	37.83	15.66	ppm	3.92
Day21	Hour 20	7/21/11 19:00	3.35	37.79	15.66	ppm	4.02
Day21	Hour 21	7/21/11 20:00	3.35	37.08	15.66	ppm	4.06
Day21	Hour 22	7/21/11 21:00	3.35	38.01	15.66	ppm	4.10
Day21	Hour 23	7/21/11 22:00	3.35	38.04	15.66	ppm	4.07
Day21	Hour 24	7/21/11 23:00	3.37	38.06	15.66	ppm	6.84
Day22	Hour 1	7/22/11 0:00	3.37	38.09	15.45	ppm	4.95
Day22	Hour 2	7/22/11 1:00	3.37	38.11	15.45	ppm	4.50
Day22	Hour 3	7/22/11 2:00	3.36	38.14	15.45	ppm	4.44
Day22	Hour 4	7/22/11 3:00	3.36	38.16	15.45	ppm	4.44
Day22	Hour 5	7/22/11 4:00	3.36	38.15	15.45	ppm	4.46
Day22	Hour 6	7/22/11 5:00	3.36	37.78	15.45	ppm	4.82
Day22	Hour 7	7/22/11 6:00	3.36	36.36	15.45	ppm	5.43
Day22	Hour 8	7/22/11 7:00	3.36	37.32	15.45	ppm	4.49
Day22	Hour 9	7/22/11 8:00	3.35	37.36	15.45	ppm	4.37
Day22	Hour 10	7/22/11 9:00	3.36	37.39	15.45	ppm	4.26
Day22	Hour 11	7/22/11 10:00	3.35	37.43	15.45	ppm	7.76
Day22	Hour 12	7/22/11 11:00	3.34	37.46	15.45	ppm	4.46
Day22	Hour 13	7/22/11 12:00	3.34	37.50	15.45	ppm	4.16
Day22	Hour 14	7/22/11 13:00	3.35	37.51	15.45	ppm	4.30
Day22	Hour 15	7/22/11 14:00	3.35	37.52	15.45	ppm	4.56
Day22	Hour 16	7/22/11 15:00	3.35	37.53	15.45	ppm	4.58
Day22	Hour 17	7/22/11 16:00	3.34	37.54	15.45	ppm	4.57
Day22	Hour 18	7/22/11 17:00	3.34	36.03	15.45	ppm	4.90
Day22	Hour 19	7/22/11 18:00	3.34	36.03	15.45	ppm	4.55
Day22	Hour 20	7/22/11 19:00	3.34	36.72	15.45	ppm	4.57
Day22	Hour 21	7/22/11 20:00	3.34	37.61	15.45	ppm	4.62



Day22	Hour 22	7/22/11 21:00	3.36	37.67	15.45	ppm	4.67
Day22	Hour 23	7/22/11 22:00	3.36	37.73	15.45	ppm	4.68
Day22	Hour 24	7/22/11 23:00	3.36	37.78	15.45	ppm	5.08
Day23	Hour 1	7/23/11 0:00	3.36	37.84	15.90	ppm	4.74
Day23	Hour 2	7/23/11 1:00	3.35	37.89	15.90	ppm	4.78
Day23	Hour 3	7/23/11 2:00	3.36	37.95	15.90	ppm	4.77
Day23	Hour 4	7/23/11 3:00	3.36	37.99	15.90	ppm	4.76
Day23	Hour 5	7/23/11 4:00	3.36	37.79	15.90	ppm	4.77
Day23	Hour 6	7/23/11 5:00	3.36	37.52	15.90	ppm	5.09
Day23	Hour 7	7/23/11 6:00	3.36	36.38	15.90	ppm	5.56
Day23	Hour 8	7/23/11 7:00	3.36	37.42	15.90	ppm	4.40
Day23	Hour 9	7/23/11 8:00	3.36	37.46	15.90	ppm	4.31
Day23	Hour 10	7/23/11 9:00	3.35	37.49	15.90	ppm	4.45
Day23	Hour 11	7/23/11 10:00	3.36	37.53	15.90	ppm	4.51
Day23	Hour 12	7/23/11 11:00	3.37	37.56	15.90	ppm	4.82
Day23	Hour 13	7/23/11 12:00	3.37	37.60	15.90	ppm	4.32
Day23	Hour 14	7/23/11 13:00	3.36	37.64	15.90	ppm	4.24
Day23	Hour 15	7/23/11 14:00	3.36	37.69	15.90	ppm	4.22
Day23	Hour 16	7/23/11 15:00	3.35	37.73	15.90	ppm	4.23
Day23	Hour 17	7/23/11 16:00	3.36	37.78	15.90	ppm	4.32
Day23	Hour 18	7/23/11 17:00	3.36	37.83	15.90	ppm	4.62
Day23	Hour 19	7/23/11 18:00	3.36	37.87	15.90	ppm	4.22
Day23	Hour 20	7/23/11 19:00	3.36	37.92	15.90	ppm	4.40
Day23	Hour 21	7/23/11 20:00	3.36	37.95	15.90	ppm	4.38
Day23	Hour 22	7/23/11 21:00	3.36	37.95	15.90	ppm	4.43
Day23	Hour 23	7/23/11 22:00	3.36	37.94	15.90	ppm	4.37
Day23	Hour 24	7/23/11 23:00	3.36	37.93	15.90	ppm	4.78
Day24	Hour 1	7/24/11 0:00	3.36	37.92	15.30	ppm	4.36
Day24	Hour 2	7/24/11 1:00	3.36	37.91	15.30	ppm	4.41
Day24	Hour 3	7/24/11 2:00	3.36	37.90	15.30	ppm	4.43
Day24	Hour 4	7/24/11 3:00	3.36	37.90	15.30	ppm	4.46
Day24	Hour 5	7/24/11 4:00	3.36	37.78	15.30	ppm	4.51
Day24	Hour 6	7/24/11 5:00	3.36	37.38	15.30	ppm	4.86
Day24	Hour 7	7/24/11 6:00	3.36	36.61	15.30	ppm	5.52
Day24	Hour 8	7/24/11 7:00	3.36	37.96	15.30	ppm	4.55
Day24	Hour 9	7/24/11 8:00	3.36	37.91	15.30	ppm	4.48
Day24	Hour 10	7/24/11 9:00	3.35	37.86	15.30	ppm	4.57
Day24	Hour 11	7/24/11 10:00	3.34	37.80	15.30	ppm	4.49
Day24	Hour 12	7/24/11 11:00	3.35	37.75	15.30	ppm	4.90
Day24	Hour 13	7/24/11 12:00	3.35	37.70	15.30	ppm	4.53
Day24	Hour 14	7/24/11 13:00	3.35	37.65	15.30	ppm	4.45
Day24	Hour 15	7/24/11 14:00	3.37	37.70	15.30	ppm	4.37
Day24	Hour 16	7/24/11 15:00	3.38	38.04	15.30	ppm	4.36
Day24	Hour 17	7/24/11 16:00	3.37	37.99	15.30	ppm	4.40
Day24	Hour 18	7/24/11 17:00	3.37	37.76	15.30	ppm	4.73
Day24	Hour 19	7/24/11 18:00	3.37	37.75	15.30	ppm	4.49
Day24	Hour 20	7/24/11 19:00	3.37	37.74	15.30	ppm	4.48
Day24	Hour 21	7/24/11 20:00	3.37	37.73	15.30	ppm	4.46
Day24	Hour 22	7/24/11 21:00	3.38	37.72	15.30	ppm	4.49
Day24	Hour 23	7/24/11 22:00	3.38	37.71	15.30	ppm	4.51
Day24	Hour 24	7/24/11 23:00	3.37	37.70	15.30	ppm	4.82
Day25	Hour 1	7/25/11 0:00	3.36	37.69	15.87	ppm	4.41
Day25	Hour 2	7/25/11 1:00	3.36	37.65	15.87	ppm	4.42
Day25	Hour 3	7/25/11 2:00	3.37	37.55	15.87	ppm	4.55
Day25	Hour 4	7/25/11 3:00	3.37	37.46	15.87	ppm	4.44
Day25	Hour 5	7/25/11 4:00	3.37	37.37	15.87	ppm	4.41
Day25	Hour 6	7/25/11 5:00	3.37	37.27	15.87	ppm	4.67
Day25	Hour 7	7/25/11 6:00	3.36	36.55	15.87	ppm	5.40
Day25	Hour 8	7/25/11 7:00	3.37	37.62	15.87	ppm	4.53
Day25	Hour 9	7/25/11 8:00	3.37	35.14	15.87	ppm	4.50

Day25	Hour 10	7/25/11 9:00	3.36	37.58	15.87	ppm	4.47
Day25	Hour 11	7/25/11 10:00	3.36	37.57	15.87	ppm	5.17
Day25	Hour 12	7/25/11 11:00	3.36	37.56	15.87	ppm	4.80
Day25	Hour 13	7/25/11 12:00	3.36	37.55	15.87	ppm	4.41
Day25	Hour 14	7/25/11 13:00	3.36	37.54	15.87	ppm	4.40
Day25	Hour 15	7/25/11 14:00	3.35	37.53	15.87	ppm	4.37
Day25	Hour 16	7/25/11 15:00	3.35	37.53	15.87	ppm	4.38
Day25	Hour 17	7/25/11 16:00	3.35	37.53	15.87	ppm	4.41
Day25	Hour 18	7/25/11 17:00	3.34	37.53	15.87	ppm	4.71
Day25	Hour 19	7/25/11 18:00	3.35	37.54	15.87	ppm	4.45
Day25	Hour 20	7/25/11 19:00	3.35	37.54	15.87	ppm	4.46
Day25	Hour 21	7/25/11 20:00	3.35	37.54	15.87	ppm	4.49
Day25	Hour 22	7/25/11 21:00	3.35	37.54	15.87	ppm	4.63
Day25	Hour 23	7/25/11 22:00	3.37	37.54	15.87	ppm	4.60
Day25	Hour 24	7/25/11 23:00	3.36	37.50	15.87	ppm	4.96
Day26	Hour 1	7/26/11 0:00	3.36	37.45	14.86	ppm	4.67
Day26	Hour 2	7/26/11 1:00	3.37	37.39	14.86	ppm	4.75
Day26	Hour 3	7/26/11 2:00	3.38	37.33	14.86	ppm	4.78
Day26	Hour 4	7/26/11 3:00	3.38	37.27	14.86	ppm	4.80
Day26	Hour 5	7/26/11 4:00	3.38	37.21	14.86	ppm	4.77
Day26	Hour 6	7/26/11 5:00	3.38	37.15	14.86	ppm	5.15
Day26	Hour 7	7/26/11 6:00	3.38	36.54	14.86	ppm	5.66
Day26	Hour 8	7/26/11 7:00	3.38	37.89	14.86	ppm	4.83
Day26	Hour 9	7/26/11 8:00	3.38	37.91	14.86	ppm	4.77
Day26	Hour 10	7/26/11 9:00	3.35	37.92	14.86	ppm	4.76
Day26	Hour 11	7/26/11 10:00	3.33	37.94	14.86	ppm	4.68
Day26	Hour 12	7/26/11 11:00	3.33	37.95	14.86	ppm	5.04
Day26	Hour 13	7/26/11 12:00	3.33	37.97	14.86	ppm	4.69
Day26	Hour 14	7/26/11 13:00	3.33	37.98	14.86	ppm	4.69
Day26	Hour 15	7/26/11 14:00	3.32	37.97	14.86	ppm	4.64
Day26	Hour 16	7/26/11 15:00	3.32	37.96	14.86	ppm	4.59
Day26	Hour 17	7/26/11 16:00	3.32	37.94	14.86	ppm	4.63
Day26	Hour 18	7/26/11 17:00	3.33	37.92	14.86	ppm	4.94
Day26	Hour 19	7/26/11 18:00	3.32	37.91	14.86	ppm	4.61
Day26	Hour 20	7/26/11 19:00	3.32	37.89	14.86	ppm	4.66
Day26	Hour 21	7/26/11 20:00	3.33	37.87	14.86	ppm	4.67
Day26	Hour 22	7/26/11 21:00	3.32	37.87	14.86	ppm	4.71
Day26	Hour 23	7/26/11 22:00	3.33	37.90	14.86	ppm	4.66
Day26	Hour 24	7/26/11 23:00	3.33	37.94	14.86	ppm	5.01
Day27	Hour 1	7/27/11 0:00	3.32	37.98	16.31	ppm	4.70
Day27	Hour 2	7/27/11 1:00	3.33	38.02	16.31	ppm	4.68
Day27	Hour 3	7/27/11 2:00	3.33	38.06	16.31	ppm	4.63
Day27	Hour 4	7/27/11 3:00	3.33	38.11	16.31	ppm	4.62
Day27	Hour 5	7/27/11 4:00	3.33	38.15	16.31	ppm	4.52
Day27	Hour 6	7/27/11 5:00	3.33	38.00	16.31	ppm	4.78
Day27	Hour 7	7/27/11 6:00	3.32	36.77	16.31	ppm	5.40
Day27	Hour 8	7/27/11 7:00	3.32	38.07	16.31	ppm	4.41
Day27	Hour 9	7/27/11 8:00	3.32	38.17	16.31	ppm	4.39
Day27	Hour 10	7/27/11 9:00	3.35	38.27	16.31	ppm	4.43
Day27	Hour 11	7/27/11 10:00	3.31	38.37	16.31	ppm	4.28
Day27	Hour 12	7/27/11 11:00	3.27	38.47	16.31	ppm	4.67
Day27	Hour 13	7/27/11 12:00	3.36	38.56	16.31	ppm	4.31
Day27	Hour 14	7/27/11 13:00	3.36	38.66	16.31	ppm	4.23
Day27	Hour 15	7/27/11 14:00	3.36	38.75	16.31	ppm	4.19
Day27	Hour 16	7/27/11 15:00	3.37	38.76	16.31	ppm	4.20
Day27	Hour 17	7/27/11 16:00	3.36	38.77	16.31	ppm	4.21
Day27	Hour 18	7/27/11 17:00	3.37	38.78	16.31	ppm	4.50
Day27	Hour 19	7/27/11 18:00	3.38	38.80	16.31	ppm	4.17
Day27	Hour 20	7/27/11 19:00	3.38	38.81	16.31	ppm	4.20
Day27	Hour 21	7/27/11 20:00	3.38	38.82	16.31	ppm	4.31

Day27	Hour 22	7/27/11 21:00	3.38	38.83	16.31	ppm	4.45
Day27	Hour 23	7/27/11 22:00	3.38	38.82	16.31	ppm	4.51
Day27	Hour 24	7/27/11 23:00	3.38	38.76	16.31	ppm	4.88
Day28	Hour 1	7/28/11 0:00	3.38	38.69	16.65	ppm	4.33
Day28	Hour 2	7/28/11 1:00	3.38	38.63	16.65	ppm	4.31
Day28	Hour 3	7/28/11 2:00	3.38	38.56	16.65	ppm	4.45
Day28	Hour 4	7/28/11 3:00	3.38	38.50	16.65	ppm	4.42
Day28	Hour 5	7/28/11 4:00	3.38	38.44	16.65	ppm	4.43
Day28	Hour 6	7/28/11 5:00	3.38	38.37	16.65	ppm	4.81
Day28	Hour 7	7/28/11 6:00	3.37	37.37	16.65	ppm	5.41
Day28	Hour 8	7/28/11 7:00	3.38	38.38	16.65	ppm	4.43
Day28	Hour 9	7/28/11 8:00	3.38	38.16	16.65	ppm	4.41
Day28	Hour 10	7/28/11 9:00	3.38	36.09	16.65	ppm	4.38
Day28	Hour 11	7/28/11 10:00	3.38	38.46	16.65	ppm	4.43
Day28	Hour 12	7/28/11 11:00	3.38	38.44	16.65	ppm	4.77
Day28	Hour 13	7/28/11 12:00	3.38	38.42	16.65	ppm	4.36
Day28	Hour 14	7/28/11 13:00	3.36	38.31	16.65	ppm	4.40
Day28	Hour 15	7/28/11 14:00	3.26	37.68	16.65	ppm	4.58
Day28	Hour 16	7/28/11 15:00	3.24	37.36	16.65	ppm	4.79
Day28	Hour 17	7/28/11 16:00	3.25	37.21	16.65	ppm	4.48
Day28	Hour 18	7/28/11 17:00	3.26	37.05	16.65	ppm	4.80
Day28	Hour 19	7/28/11 18:00	3.26	36.50	16.65	ppm	4.64
Day28	Hour 20	7/28/11 19:00	3.25	37.20	16.65	ppm	4.68
Day28	Hour 21	7/28/11 20:00	3.25	37.35	16.65	ppm	4.72
Day28	Hour 22	7/28/11 21:00	3.25	37.36	16.65	ppm	4.73
Day28	Hour 23	7/28/11 22:00	3.25	37.33	16.65	ppm	4.73
Day28	Hour 24	7/28/11 23:00	3.25	37.30	16.65	ppm	5.10
Day29	Hour 1	7/29/11 0:00	3.25	37.26	15.06	ppm	4.76
Day29	Hour 2	7/29/11 1:00	3.25	37.23	15.06	ppm	4.73
Day29	Hour 3	7/29/11 2:00	3.25	37.20	15.06	ppm	4.70
Day29	Hour 4	7/29/11 3:00	3.25	37.17	15.06	ppm	4.70
Day29	Hour 5	7/29/11 4:00	3.25	37.10	15.06	ppm	4.69
Day29	Hour 6	7/29/11 5:00	3.25	36.75	15.06	ppm	5.00
Day29	Hour 7	7/29/11 6:00	3.25	35.93	15.06	ppm	5.62
Day29	Hour 8	7/29/11 7:00	3.25	37.18	15.06	ppm	4.72
Day29	Hour 9	7/29/11 8:00	3.25	37.10	15.06	ppm	4.65
Day29	Hour 10	7/29/11 9:00	3.25	37.02	15.06	ppm	4.51
Day29	Hour 11	7/29/11 10:00	3.24	36.95	15.06	ppm	4.59
Day29	Hour 12	7/29/11 11:00	3.24	36.87	15.06	ppm	4.96
Day29	Hour 13	7/29/11 12:00	3.25	36.79	15.06	ppm	4.59
Day29	Hour 14	7/29/11 13:00	3.24	36.71	15.06	ppm	4.54
Day29	Hour 15	7/29/11 14:00	3.24	36.65	15.06	ppm	4.52
Day29	Hour 16	7/29/11 15:00	3.24	36.24	15.06	ppm	4.57
Day29	Hour 17	7/29/11 16:00	3.25	35.60	15.06	ppm	4.56
Day29	Hour 18	7/29/11 17:00	3.24	36.08	15.06	ppm	4.93
Day29	Hour 19	7/29/11 18:00	3.24	36.48	15.06	ppm	4.61
Day29	Hour 20	7/29/11 19:00	3.24	36.55	15.06	ppm	4.66
Day29	Hour 21	7/29/11 20:00	3.25	34.76	15.06	ppm	4.62
Day29	Hour 22	7/29/11 21:00	3.24	36.87	15.06	ppm	4.63
Day29	Hour 23	7/29/11 22:00	3.24	36.88	15.06	ppm	4.66
Day29	Hour 24	7/29/11 23:00	3.24	36.90	15.06	ppm	5.05
Day30	Hour 1	7/30/11 0:00	3.24	36.91	14.99	ppm	4.71
Day30	Hour 2	7/30/11 1:00	3.24	36.92	14.99	ppm	4.72
Day30	Hour 3	7/30/11 2:00	3.25	36.94	14.99	ppm	4.79
Day30	Hour 4	7/30/11 3:00	3.24	36.95	14.99	ppm	4.82
Day30	Hour 5	7/30/11 4:00	3.24	36.92	14.99	ppm	4.73
Day30	Hour 6	7/30/11 5:00	3.25	36.55	14.99	ppm	4.98
Day30	Hour 7	7/30/11 6:00	3.24	35.72	14.99	ppm	5.58
Day30	Hour 8	7/30/11 7:00	3.25	37.10	14.99	ppm	4.72
Day30	Hour 9	7/30/11 8:00	3.24	37.18	14.99	ppm	5.96

<b>Day30</b>	<b>Hour 10</b>	7/30/11 9:00	3.24	37.21	14.99	ppm	4.56
<b>Day30</b>	<b>Hour 11</b>	7/30/11 10:00	3.25	37.15	14.99	ppm	4.44
<b>Day30</b>	<b>Hour 12</b>	7/30/11 11:00	3.24	37.06	14.99	ppm	4.77
<b>Day30</b>	<b>Hour 13</b>	7/30/11 12:00	3.24	36.95	14.99	ppm	4.38
<b>Day30</b>	<b>Hour 14</b>	7/30/11 13:00	3.24	36.85	14.99	ppm	4.39
<b>Day30</b>	<b>Hour 15</b>	7/30/11 14:00	3.24	36.74	14.99	ppm	4.37
<b>Day30</b>	<b>Hour 16</b>	7/30/11 15:00	3.24	36.64	14.99	ppm	4.40
<b>Day30</b>	<b>Hour 17</b>	7/30/11 16:00	3.25	35.90	14.99	ppm	4.41
<b>Day30</b>	<b>Hour 18</b>	7/30/11 17:00	3.24	36.04	14.99	ppm	4.74
<b>Day30</b>	<b>Hour 19</b>	7/30/11 18:00	3.24	36.77	14.99	ppm	4.40
<b>Day30</b>	<b>Hour 20</b>	7/30/11 19:00	3.25	36.85	14.99	ppm	4.43
<b>Day30</b>	<b>Hour 21</b>	7/30/11 20:00	3.25	35.16	14.99	ppm	4.54
<b>Day30</b>	<b>Hour 22</b>	7/30/11 21:00	3.25	37.07	14.99	ppm	4.53
<b>Day30</b>	<b>Hour 23</b>	7/30/11 22:00	3.24	37.15	14.99	ppm	4.51
<b>Day30</b>	<b>Hour 24</b>	7/30/11 23:00	3.24	37.34	14.99	ppm	5.19

Facility ID	Unit ID	Pollutant
MN2B0720	EU-228	SO2

Form Approved 03/28/2011

OMB Control No. 2060-0657

Approval Expires 03/31/2016

## CEMS Hourly Average Emission Data Points for Pollutant for 30 Days that Include Testing Date

		Date/Time (MM/DD/YYYY): 00:00 12 hr clock	Daily production/ throughput rate Feed Rate (MBPH)	Daily production/ throughput rate Coke Burnoff Rate (MLB/HR)	1-day average emission value for pollutant (as measured by the CEMS)	Unit of measure recorded by CEMS	O <sub>2</sub> content (%)	Moisture content (%)	Data average affected by a startup, shutdown, or other event? (If event, describe)	OPTIONAL: Emission value (ppmvd @ 7% O <sub>2</sub> )	OPTIONAL: 1-day average emission value for pollutant in other units		
											1-day average emission value for pollutant, corrected for %O <sub>2</sub> (value)	1-day average emission value for pollutant, (units)	% O <sub>2</sub> correction (by volume, dry basis)
Day1	Hour 1	7/1/11 0:00	3.00	34.80	11.35	ppm	4.19						
Day1	Hour 2	7/1/11 1:00	3.00	34.77	11.35	ppm	4.25						
Day1	Hour 3	7/1/11 2:00	3.00	34.75	11.35	ppm	4.25						
Day1	Hour 4	7/1/11 3:00	3.00	34.73	11.35	ppm	4.26						
Day1	Hour 5	7/1/11 4:00	3.00	34.70	11.35	ppm	4.32						
Day1	Hour 6	7/1/11 5:00	3.00	34.68	11.35	ppm	4.63						
Day1	Hour 7	7/1/11 6:00	3.00	33.53	11.35	ppm	5.28						
Day1	Hour 8	7/1/11 7:00	2.99	34.66	11.35	ppm	4.48						
Day1	Hour 9	7/1/11 8:00	3.00	34.64	11.35	ppm	4.42						
Day1	Hour 10	7/1/11 9:00	3.00	34.63	11.35	ppm	4.43						
Day1	Hour 11	7/1/11 10:00	3.00	34.62	11.35	ppm	4.42						
Day1	Hour 12	7/1/11 11:00	3.00	34.61	11.35	ppm	4.67						
Day1	Hour 13	7/1/11 12:00	3.00	33.05	11.35	ppm	4.27						
Day1	Hour 14	7/1/11 13:00	3.00	34.42	11.35	ppm	4.28						
Day1	Hour 15	7/1/11 14:00	3.00	34.07	11.35	ppm	4.23						
Day1	Hour 16	7/1/11 15:00	3.00	35.08	11.35	ppm	4.25						
Day1	Hour 17	7/1/11 16:00	3.00	35.02	11.35	ppm	4.33						
Day1	Hour 18	7/1/11 17:00	3.00	34.97	11.35	ppm	4.66						
Day1	Hour 19	7/1/11 18:00	3.00	34.80	11.35	ppm	4.30						
Day1	Hour 20	7/1/11 19:00	3.00	34.89	11.35	ppm	4.50						
Day1	Hour 21	7/1/11 20:00	3.01	34.85	11.35	ppm	4.27						
Day1	Hour 22	7/1/11 21:00	3.01	34.83	11.35	ppm	4.26						
Day1	Hour 23	7/1/11 22:00	3.01	35.27	11.35	ppm	3.96						
Day1	Hour 24	7/1/11 23:00	3.01	35.87	11.35	ppm	4.32						
Day2	Hour 1	7/2/11 0:00	3.01	36.05	17.79	ppm	3.81						
Day2	Hour 2	7/2/11 1:00	3.01	36.00	17.79	ppm	3.86						
Day2	Hour 3	7/2/11 2:00	3.01	35.96	17.79	ppm	3.83						
Day2	Hour 4	7/2/11 3:00	3.01	35.91	17.79	ppm	3.85						
Day2	Hour 5	7/2/11 4:00	3.01	35.86	17.79	ppm	3.84						
Day2	Hour 6	7/2/11 5:00	3.01	35.81	17.79	ppm	4.16						
Day2	Hour 7	7/2/11 6:00	3.01	35.26	17.79	ppm	4.98						
Day2	Hour 8	7/2/11 7:00	3.00	36.50	17.79	ppm	3.95						
Day2	Hour 9	7/2/11 8:00	3.00	36.48	17.79	ppm	3.94						
Day2	Hour 10	7/2/11 9:00	3.01	36.46	17.79	ppm	3.97						
Day2	Hour 11	7/2/11 10:00	3.01	36.44	17.79	ppm	4.18						
Day2	Hour 12	7/2/11 11:00	3.00	36.42	17.79	ppm	4.62						
Day2	Hour 13	7/2/11 12:00	3.00	36.40	17.79	ppm	4.39						

Day2	Hour 14	7/2/11 13:00	3.00	36.38	17.79	ppm	4.32
Day2	Hour 15	7/2/11 14:00	3.01	36.38	17.79	ppm	4.32
Day2	Hour 16	7/2/11 15:00	3.01	36.42	17.79	ppm	4.30
Day2	Hour 17	7/2/11 16:00	3.00	35.84	17.79	ppm	4.33
Day2	Hour 18	7/2/11 17:00	3.00	36.47	17.79	ppm	4.58
Day2	Hour 19	7/2/11 18:00	3.01	35.47	17.79	ppm	4.20
Day2	Hour 20	7/2/11 19:00	3.01	36.38	17.79	ppm	4.25
Day2	Hour 21	7/2/11 20:00	3.01	36.40	17.79	ppm	4.25
Day2	Hour 22	7/2/11 21:00	3.01	36.41	17.79	ppm	4.22
Day2	Hour 23	7/2/11 22:00	3.01	36.42	17.79	ppm	4.25
Day2	Hour 24	7/2/11 23:00	3.00	36.42	17.79	ppm	4.59
Day3	Hour 1	7/3/11 0:00	3.00	36.43	19.19	ppm	4.22
Day3	Hour 2	7/3/11 1:00	2.99	36.44	19.19	ppm	4.30
Day3	Hour 3	7/3/11 2:00	3.00	36.45	19.19	ppm	4.32
Day3	Hour 4	7/3/11 3:00	3.00	36.33	19.19	ppm	4.41
Day3	Hour 5	7/3/11 4:00	3.03	36.17	19.19	ppm	4.38
Day3	Hour 6	7/3/11 5:00	3.02	36.19	19.19	ppm	4.69
Day3	Hour 7	7/3/11 6:00	3.01	35.40	19.19	ppm	5.33
Day3	Hour 8	7/3/11 7:00	3.01	36.46	19.19	ppm	4.41
Day3	Hour 9	7/3/11 8:00	2.99	36.33	19.19	ppm	4.31
Day3	Hour 10	7/3/11 9:00	2.99	36.21	19.19	ppm	4.31
Day3	Hour 11	7/3/11 10:00	2.98	36.17	19.19	ppm	4.26
Day3	Hour 12	7/3/11 11:00	2.99	36.16	19.19	ppm	4.60
Day3	Hour 13	7/3/11 12:00	2.98	36.15	19.19	ppm	4.18
Day3	Hour 14	7/3/11 13:00	2.98	36.15	19.19	ppm	4.16
Day3	Hour 15	7/3/11 14:00	2.98	36.14	19.19	ppm	4.11
Day3	Hour 16	7/3/11 15:00	2.98	36.13	19.19	ppm	4.16
Day3	Hour 17	7/3/11 16:00	2.98	35.77	19.19	ppm	4.16
Day3	Hour 18	7/3/11 17:00	2.98	35.69	19.19	ppm	4.45
Day3	Hour 19	7/3/11 18:00	2.98	35.88	19.19	ppm	4.13
Day3	Hour 20	7/3/11 19:00	2.98	36.15	19.19	ppm	4.10
Day3	Hour 21	7/3/11 20:00	2.98	36.16	19.19	ppm	4.12
Day3	Hour 22	7/3/11 21:00	2.98	36.18	19.19	ppm	4.03
Day3	Hour 23	7/3/11 22:00	2.99	36.19	19.19	ppm	4.04
Day3	Hour 24	7/3/11 23:00	2.98	36.21	19.19	ppm	4.42
Day4	Hour 1	7/4/11 0:00	2.98	36.22	19.76	ppm	4.14
Day4	Hour 2	7/4/11 1:00	2.98	36.24	19.76	ppm	4.11
Day4	Hour 3	7/4/11 2:00	2.99	36.24	19.76	ppm	4.05
Day4	Hour 4	7/4/11 3:00	2.99	36.16	19.76	ppm	4.06
Day4	Hour 5	7/4/11 4:00	2.99	36.06	19.76	ppm	4.01
Day4	Hour 6	7/4/11 5:00	2.99	35.95	19.76	ppm	4.37
Day4	Hour 7	7/4/11 6:00	2.99	35.27	19.76	ppm	5.14
Day4	Hour 8	7/4/11 7:00	2.99	36.51	19.76	ppm	4.01
Day4	Hour 9	7/4/11 8:00	2.99	36.52	19.76	ppm	4.02
Day4	Hour 10	7/4/11 9:00	2.99	36.53	19.76	ppm	4.00
Day4	Hour 11	7/4/11 10:00	2.98	36.55	19.76	ppm	4.02
Day4	Hour 12	7/4/11 11:00	2.98	36.56	19.76	ppm	4.38
Day4	Hour 13	7/4/11 12:00	2.98	36.58	19.76	ppm	4.05
Day4	Hour 14	7/4/11 13:00	2.98	36.59	19.76	ppm	4.07
Day4	Hour 15	7/4/11 14:00	2.98	36.03	19.76	ppm	3.99
Day4	Hour 16	7/4/11 15:00	2.98	34.73	19.76	ppm	4.87

Day4	Hour 17	7/4/11 16:00	2.98	35.99	19.76	ppm	3.98
Day4	Hour 18	7/4/11 17:00	2.98	36.39	19.76	ppm	4.26
Day4	Hour 19	7/4/11 18:00	2.98	36.38	19.76	ppm	3.86
Day4	Hour 20	7/4/11 19:00	2.98	36.36	19.76	ppm	3.95
Day4	Hour 21	7/4/11 20:00	2.99	36.35	19.76	ppm	3.96
Day4	Hour 22	7/4/11 21:00	2.99	36.34	19.76	ppm	4.00
Day4	Hour 23	7/4/11 22:00	2.99	36.32	19.76	ppm	4.11
Day4	Hour 24	7/4/11 23:00	3.00	36.31	19.76	ppm	4.45
Day5	Hour 1	7/5/11 0:00	2.99	36.30	18.72	ppm	4.10
Day5	Hour 2	7/5/11 1:00	2.99	36.44	18.72	ppm	4.13
Day5	Hour 3	7/5/11 2:00	3.00	36.61	18.72	ppm	4.07
Day5	Hour 4	7/5/11 3:00	3.00	36.79	18.72	ppm	3.99
Day5	Hour 5	7/5/11 4:00	3.00	36.96	18.72	ppm	3.95
Day5	Hour 6	7/5/11 5:00	3.00	36.84	18.72	ppm	4.51
Day5	Hour 7	7/5/11 6:00	3.01	35.54	18.72	ppm	5.15
Day5	Hour 8	7/5/11 7:00	3.00	36.76	18.72	ppm	4.01
Day5	Hour 9	7/5/11 8:00	3.00	36.76	18.72	ppm	4.00
Day5	Hour 10	7/5/11 9:00	3.00	36.76	18.72	ppm	3.98
Day5	Hour 11	7/5/11 10:00	3.00	36.76	18.72	ppm	4.00
Day5	Hour 12	7/5/11 11:00	3.00	36.76	18.72	ppm	4.42
Day5	Hour 13	7/5/11 12:00	3.00	36.75	18.72	ppm	4.10
Day5	Hour 14	7/5/11 13:00	3.00	36.75	18.72	ppm	4.04
Day5	Hour 15	7/5/11 14:00	3.00	36.73	18.72	ppm	4.02
Day5	Hour 16	7/5/11 15:00	2.99	36.67	18.72	ppm	3.97
Day5	Hour 17	7/5/11 16:00	2.99	36.61	18.72	ppm	3.92
Day5	Hour 18	7/5/11 17:00	2.99	36.54	18.72	ppm	4.21
Day5	Hour 19	7/5/11 18:00	2.99	36.48	18.72	ppm	3.88
Day5	Hour 20	7/5/11 19:00	2.99	36.41	18.72	ppm	4.18
Day5	Hour 21	7/5/11 20:00	3.01	36.35	18.72	ppm	4.26
Day5	Hour 22	7/5/11 21:00	3.01	36.29	18.72	ppm	4.16
Day5	Hour 23	7/5/11 22:00	3.00	36.26	18.72	ppm	4.16
Day5	Hour 24	7/5/11 23:00	3.00	36.29	18.72	ppm	4.56
Day6	Hour 1	7/6/11 0:00	3.00	36.32	21.12	ppm	4.33
Day6	Hour 2	7/6/11 1:00	3.00	36.35	21.12	ppm	4.36
Day6	Hour 3	7/6/11 2:00	3.00	36.38	21.12	ppm	4.36
Day6	Hour 4	7/6/11 3:00	3.01	36.42	21.12	ppm	4.37
Day6	Hour 5	7/6/11 4:00	3.01	36.45	21.12	ppm	4.35
Day6	Hour 6	7/6/11 5:00	3.01	36.48	21.12	ppm	4.64
Day6	Hour 7	7/6/11 6:00	3.01	35.35	21.12	ppm	5.29
Day6	Hour 8	7/6/11 7:00	3.01	36.48	21.12	ppm	4.44
Day6	Hour 9	7/6/11 8:00	3.01	36.51	21.12	ppm	4.39
Day6	Hour 10	7/6/11 9:00	3.01	36.54	21.12	ppm	4.34
Day6	Hour 11	7/6/11 10:00	3.01	36.57	21.12	ppm	4.33
Day6	Hour 12	7/6/11 11:00	3.01	36.60	21.12	ppm	4.66
Day6	Hour 13	7/6/11 12:00	3.00	36.64	21.12	ppm	4.33
Day6	Hour 14	7/6/11 13:00	3.01	36.67	21.12	ppm	4.30
Day6	Hour 15	7/6/11 14:00	3.04	36.86	21.12	ppm	4.40
Day6	Hour 16	7/6/11 15:00	3.10	37.54	21.12	ppm	4.34
Day6	Hour 17	7/6/11 16:00	3.15	38.02	21.12	ppm	4.46
Day6	Hour 18	7/6/11 17:00	3.17	37.48	21.12	ppm	4.78
Day6	Hour 19	7/6/11 18:00	3.17	37.20	21.12	ppm	4.57

Day6	Hour 20	7/6/11 19:00	3.18	38.00	21.12	ppm	4.65
Day6	Hour 21	7/6/11 20:00	3.24	38.01	21.12	ppm	4.50
Day6	Hour 22	7/6/11 21:00	3.25	38.03	21.12	ppm	4.40
Day6	Hour 23	7/6/11 22:00	3.25	38.04	21.12	ppm	4.41
Day6	Hour 24	7/6/11 23:00	3.25	38.06	21.12	ppm	4.74
Day7	Hour 1	7/7/11 0:00	3.25	38.07	21.90	ppm	4.45
Day7	Hour 2	7/7/11 1:00	3.26	38.08	21.90	ppm	4.33
Day7	Hour 3	7/7/11 2:00	3.25	38.06	21.90	ppm	4.30
Day7	Hour 4	7/7/11 3:00	3.25	37.90	21.90	ppm	4.31
Day7	Hour 5	7/7/11 4:00	3.25	37.72	21.90	ppm	4.35
Day7	Hour 6	7/7/11 5:00	3.25	37.19	21.90	ppm	4.60
Day7	Hour 7	7/7/11 6:00	3.25	36.16	21.90	ppm	5.26
Day7	Hour 8	7/7/11 7:00	3.25	37.30	21.90	ppm	4.36
Day7	Hour 9	7/7/11 8:00	3.25	37.18	21.90	ppm	4.28
Day7	Hour 10	7/7/11 9:00	3.25	37.06	21.90	ppm	4.30
Day7	Hour 11	7/7/11 10:00	3.25	35.48	21.90	ppm	5.09
Day7	Hour 12	7/7/11 11:00	3.25	37.15	21.90	ppm	5.18
Day7	Hour 13	7/7/11 12:00	3.25	37.24	21.90	ppm	4.29
Day7	Hour 14	7/7/11 13:00	3.25	37.33	21.90	ppm	4.28
Day7	Hour 15	7/7/11 14:00	3.25	37.43	21.90	ppm	4.24
Day7	Hour 16	7/7/11 15:00	3.25	37.52	21.90	ppm	4.22
Day7	Hour 17	7/7/11 16:00	3.25	37.09	21.90	ppm	4.24
Day7	Hour 18	7/7/11 17:00	3.25	37.43	21.90	ppm	4.54
Day7	Hour 19	7/7/11 18:00	3.25	37.48	21.90	ppm	4.12
Day7	Hour 20	7/7/11 19:00	3.25	37.53	21.90	ppm	4.25
Day7	Hour 21	7/7/11 20:00	3.25	37.58	21.90	ppm	4.26
Day7	Hour 22	7/7/11 21:00	3.25	37.63	21.90	ppm	4.25
Day7	Hour 23	7/7/11 22:00	3.25	37.68	21.90	ppm	4.26
Day7	Hour 24	7/7/11 23:00	3.25	37.73	21.90	ppm	4.62
Day8	Hour 1	7/8/11 0:00	3.25	37.78	18.34	ppm	4.28
Day8	Hour 2	7/8/11 1:00	3.25	37.75	18.34	ppm	4.12
Day8	Hour 3	7/8/11 2:00	3.25	37.69	18.34	ppm	4.11
Day8	Hour 4	7/8/11 3:00	3.24	37.63	18.34	ppm	4.20
Day8	Hour 5	7/8/11 4:00	3.25	37.56	18.34	ppm	4.13
Day8	Hour 6	7/8/11 5:00	3.25	37.50	18.34	ppm	4.45
Day8	Hour 7	7/8/11 6:00	3.25	36.72	18.34	ppm	5.16
Day8	Hour 8	7/8/11 7:00	3.25	37.96	18.34	ppm	4.31
Day8	Hour 9	7/8/11 8:00	3.24	37.96	18.34	ppm	4.15
Day8	Hour 10	7/8/11 9:00	3.24	37.97	18.34	ppm	4.14
Day8	Hour 11	7/8/11 10:00	3.25	37.97	18.34	ppm	4.28
Day8	Hour 12	7/8/11 11:00	3.24	37.98	18.34	ppm	4.53
Day8	Hour 13	7/8/11 12:00	3.25	37.99	18.34	ppm	4.24
Day8	Hour 14	7/8/11 13:00	3.25	37.99	18.34	ppm	4.17
Day8	Hour 15	7/8/11 14:00	3.25	37.96	18.34	ppm	4.14
Day8	Hour 16	7/8/11 15:00	3.25	37.83	18.34	ppm	4.18
Day8	Hour 17	7/8/11 16:00	3.25	37.12	18.34	ppm	4.20
Day8	Hour 18	7/8/11 17:00	3.25	37.44	18.34	ppm	4.48
Day8	Hour 19	7/8/11 18:00	3.25	37.50	18.34	ppm	4.08
Day8	Hour 20	7/8/11 19:00	3.25	37.57	18.34	ppm	4.12
Day8	Hour 21	7/8/11 20:00	3.25	37.63	18.34	ppm	4.19
Day8	Hour 22	7/8/11 21:00	3.25	37.69	18.34	ppm	4.23



Day8	Hour 23	7/8/11 22:00	3.25	37.76	18.34	ppm	4.23
Day8	Hour 24	7/8/11 23:00	3.25	37.82	18.34	ppm	4.57
Day9	Hour 1	7/9/11 0:00	3.25	37.87	15.39	ppm	4.17
Day9	Hour 2	7/9/11 1:00	3.25	37.74	15.39	ppm	4.18
Day9	Hour 3	7/9/11 2:00	3.25	37.57	15.39	ppm	4.07
Day9	Hour 4	7/9/11 3:00	3.25	37.40	15.39	ppm	4.12
Day9	Hour 5	7/9/11 4:00	3.25	37.23	15.39	ppm	4.21
Day9	Hour 6	7/9/11 5:00	3.25	37.06	15.39	ppm	4.42
Day9	Hour 7	7/9/11 6:00	3.25	36.20	15.39	ppm	5.14
Day9	Hour 8	7/9/11 7:00	3.25	37.42	15.39	ppm	4.17
Day9	Hour 9	7/9/11 8:00	3.25	37.47	15.39	ppm	4.08
Day9	Hour 10	7/9/11 9:00	3.25	37.53	15.39	ppm	4.11
Day9	Hour 11	7/9/11 10:00	3.25	37.58	15.39	ppm	4.01
Day9	Hour 12	7/9/11 11:00	3.25	37.63	15.39	ppm	4.32
Day9	Hour 13	7/9/11 12:00	3.25	37.68	15.39	ppm	3.95
Day9	Hour 14	7/9/11 13:00	3.25	36.89	15.39	ppm	3.93
Day9	Hour 15	7/9/11 14:00	3.26	37.64	15.39	ppm	3.94
Day9	Hour 16	7/9/11 15:00	3.25	37.68	15.39	ppm	4.00
Day9	Hour 17	7/9/11 16:00	3.25	37.72	15.39	ppm	4.06
Day9	Hour 18	7/9/11 17:00	3.25	37.77	15.39	ppm	4.39
Day9	Hour 19	7/9/11 18:00	3.25	37.00	15.39	ppm	4.02
Day9	Hour 20	7/9/11 19:00	3.25	37.64	15.39	ppm	4.04
Day9	Hour 21	7/9/11 20:00	3.25	37.65	15.39	ppm	4.10
Day9	Hour 22	7/9/11 21:00	3.25	37.65	15.39	ppm	4.19
Day9	Hour 23	7/9/11 22:00	3.25	37.66	15.39	ppm	4.16
Day9	Hour 24	7/9/11 23:00	3.25	37.67	15.39	ppm	4.42
Day10	Hour 1	7/10/11 0:00	3.25	37.73	14.81	ppm	4.12
Day10	Hour 2	7/10/11 1:00	3.25	37.81	14.81	ppm	4.14
Day10	Hour 3	7/10/11 2:00	3.25	37.88	14.81	ppm	4.17
Day10	Hour 4	7/10/11 3:00	3.25	37.95	14.81	ppm	4.15
Day10	Hour 5	7/10/11 4:00	3.25	38.02	14.81	ppm	4.14
Day10	Hour 6	7/10/11 5:00	3.25	37.88	14.81	ppm	4.52
Day10	Hour 7	7/10/11 6:00	3.25	35.78	14.81	ppm	4.91
Day10	Hour 8	7/10/11 7:00	3.25	36.84	14.81	ppm	4.14
Day10	Hour 9	7/10/11 8:00	3.25	36.84	14.81	ppm	4.24
Day10	Hour 10	7/10/11 9:00	3.24	36.97	14.81	ppm	4.18
Day10	Hour 11	7/10/11 10:00	3.25	37.13	14.81	ppm	4.06
Day10	Hour 12	7/10/11 11:00	3.24	37.29	14.81	ppm	4.31
Day10	Hour 13	7/10/11 12:00	3.24	37.53	14.81	ppm	3.90
Day10	Hour 14	7/10/11 13:00	3.25	34.80	14.81	ppm	3.82
Day10	Hour 15	7/10/11 14:00	3.25	37.52	14.81	ppm	3.85
Day10	Hour 16	7/10/11 15:00	3.25	37.43	14.81	ppm	3.87
Day10	Hour 17	7/10/11 16:00	3.25	37.32	14.81	ppm	3.88
Day10	Hour 18	7/10/11 17:00	3.25	37.21	14.81	ppm	4.21
Day10	Hour 19	7/10/11 18:00	3.25	37.10	14.81	ppm	3.87
Day10	Hour 20	7/10/11 19:00	3.24	36.99	14.81	ppm	3.89
Day10	Hour 21	7/10/11 20:00	3.19	36.85	14.81	ppm	4.04
Day10	Hour 22	7/10/11 21:00	3.09	36.02	14.81	ppm	4.27
Day10	Hour 23	7/10/11 22:00	2.97	35.12	14.81	ppm	4.45
Day10	Hour 24	7/10/11 23:00	2.93	34.29	14.81	ppm	5.06
Day11	Hour 1	7/11/11 0:00	2.91	33.53	10.46	ppm	4.86

Day11	Hour 2	7/11/11 1:00	2.77	33.09	10.46	ppm	5.18
Day11	Hour 3	7/11/11 2:00	2.55	31.41	10.46	ppm	5.48
Day11	Hour 4	7/11/11 3:00	2.44	30.62	10.46	ppm	5.88
Day11	Hour 5	7/11/11 4:00	2.40	30.09	10.46	ppm	5.91
Day11	Hour 6	7/11/11 5:00	2.40	29.76	10.46	ppm	6.11
Day11	Hour 7	7/11/11 6:00	2.36	28.31	10.46	ppm	6.40
Day11	Hour 8	7/11/11 7:00	2.32	28.44	10.46	ppm	6.34
Day11	Hour 9	7/11/11 8:00	2.30	27.82	10.46	ppm	6.51
Day11	Hour 10	7/11/11 9:00	2.27	27.25	10.46	ppm	6.67
Day11	Hour 11	7/11/11 10:00	2.28	28.11	10.46	ppm	6.63
Day11	Hour 12	7/11/11 11:00	2.30	28.46	10.46	ppm	6.04
Day11	Hour 13	7/11/11 12:00	2.29	28.43	10.46	ppm	5.86
Day11	Hour 14	7/11/11 13:00	2.30	28.41	10.46	ppm	6.00
Day11	Hour 15	7/11/11 14:00	2.29	28.38	10.46	ppm	6.15
Day11	Hour 16	7/11/11 15:00	2.30	28.35	10.46	ppm	6.05
Day11	Hour 17	7/11/11 16:00	2.30	28.33	10.46	ppm	5.96
Day11	Hour 18	7/11/11 17:00	2.29	28.30	10.46	ppm	6.33
Day11	Hour 19	7/11/11 18:00	2.29	28.30	10.46	ppm	6.25
Day11	Hour 20	7/11/11 19:00	2.28	28.43	10.46	ppm	6.46
Day11	Hour 21	7/11/11 20:00	2.28	28.58	10.46	ppm	6.61
Day11	Hour 22	7/11/11 21:00	2.27	28.73	10.46	ppm	6.93
Day11	Hour 23	7/11/11 22:00	2.31	28.88	10.46	ppm	6.79
Day11	Hour 24	7/11/11 23:00	2.34	29.01	10.46	ppm	6.98
Day12	Hour 1	7/12/11 0:00	2.37	29.10	12.66	ppm	6.79
Day12	Hour 2	7/12/11 1:00	2.38	29.19	12.66	ppm	6.80
Day12	Hour 3	7/12/11 2:00	2.38	29.28	12.66	ppm	6.88
Day12	Hour 4	7/12/11 3:00	2.39	29.36	12.66	ppm	6.99
Day12	Hour 5	7/12/11 4:00	2.44	29.43	12.66	ppm	6.78
Day12	Hour 6	7/12/11 5:00	2.46	29.26	12.66	ppm	6.87
Day12	Hour 7	7/12/11 6:00	2.44	28.49	12.66	ppm	6.88
Day12	Hour 8	7/12/11 7:00	2.42	29.22	12.66	ppm	6.38
Day12	Hour 9	7/12/11 8:00	2.42	29.14	12.66	ppm	6.19
Day12	Hour 10	7/12/11 9:00	2.42	29.06	12.66	ppm	6.33
Day12	Hour 11	7/12/11 10:00	2.42	28.98	12.66	ppm	6.32
Day12	Hour 12	7/12/11 11:00	2.42	28.90	12.66	ppm	6.57
Day12	Hour 13	7/12/11 12:00	2.42	28.81	12.66	ppm	6.22
Day12	Hour 14	7/12/11 13:00	2.42	28.73	12.66	ppm	6.11
Day12	Hour 15	7/12/11 14:00	2.42	28.69	12.66	ppm	5.98
Day12	Hour 16	7/12/11 15:00	2.43	28.75	12.66	ppm	5.99
Day12	Hour 17	7/12/11 16:00	2.42	28.81	12.66	ppm	5.89
Day12	Hour 18	7/12/11 17:00	2.42	28.87	12.66	ppm	6.20
Day12	Hour 19	7/12/11 18:00	2.42	28.93	12.66	ppm	6.09
Day12	Hour 20	7/12/11 19:00	2.42	28.99	12.66	ppm	6.19
Day12	Hour 21	7/12/11 20:00	2.41	29.05	12.66	ppm	6.20
Day12	Hour 22	7/12/11 21:00	2.44	29.12	12.66	ppm	6.11
Day12	Hour 23	7/12/11 22:00	2.45	29.13	12.66	ppm	6.03
Day12	Hour 24	7/12/11 23:00	2.45	29.04	12.66	ppm	6.34
Day13	Hour 1	7/13/11 0:00	2.45	28.93	12.52	ppm	6.11
Day13	Hour 2	7/13/11 1:00	2.45	28.83	12.52	ppm	6.14
Day13	Hour 3	7/13/11 2:00	2.45	28.73	12.52	ppm	6.12
Day13	Hour 4	7/13/11 3:00	2.45	28.63	12.52	ppm	6.13

Day13	Hour 5	7/13/11 4:00	2.45	28.53	12.52	ppm	6.14
Day13	Hour 6	7/13/11 5:00	2.45	28.43	12.52	ppm	6.51
Day13	Hour 7	7/13/11 6:00	2.45	28.21	12.52	ppm	6.64
Day13	Hour 8	7/13/11 7:00	2.45	29.10	12.52	ppm	6.21
Day13	Hour 9	7/13/11 8:00	2.45	29.16	12.52	ppm	6.23
Day13	Hour 10	7/13/11 9:00	2.46	29.22	12.52	ppm	5.98
Day13	Hour 11	7/13/11 10:00	2.48	29.28	12.52	ppm	5.87
Day13	Hour 12	7/13/11 11:00	2.52	29.33	12.52	ppm	5.93
Day13	Hour 13	7/13/11 12:00	2.52	29.39	12.52	ppm	5.57
Day13	Hour 14	7/13/11 13:00	2.54	29.45	12.52	ppm	5.56
Day13	Hour 15	7/13/11 14:00	2.54	29.39	12.52	ppm	5.49
Day13	Hour 16	7/13/11 15:00	2.49	29.00	12.52	ppm	5.75
Day13	Hour 17	7/13/11 16:00	2.47	28.97	12.52	ppm	5.91
Day13	Hour 18	7/13/11 17:00	2.49	29.01	12.52	ppm	6.12
Day13	Hour 19	7/13/11 18:00	2.49	29.05	12.52	ppm	5.85
Day13	Hour 20	7/13/11 19:00	2.49	29.09	12.52	ppm	5.82
Day13	Hour 21	7/13/11 20:00	2.49	29.14	12.52	ppm	5.90
Day13	Hour 22	7/13/11 21:00	2.49	29.18	12.52	ppm	5.89
Day13	Hour 23	7/13/11 22:00	2.49	29.22	12.52	ppm	5.90
Day13	Hour 24	7/13/11 23:00	2.49	29.26	12.52	ppm	6.22
Day14	Hour 1	7/14/11 0:00	2.49	29.28	12.59	ppm	5.90
Day14	Hour 2	7/14/11 1:00	2.49	29.38	12.59	ppm	5.90
Day14	Hour 3	7/14/11 2:00	2.50	29.31	12.59	ppm	5.89
Day14	Hour 4	7/14/11 3:00	2.49	29.23	12.59	ppm	5.87
Day14	Hour 5	7/14/11 4:00	2.50	29.24	12.59	ppm	5.91
Day14	Hour 6	7/14/11 5:00	2.49	29.10	12.59	ppm	6.25
Day14	Hour 7	7/14/11 6:00	2.50	28.69	12.59	ppm	6.46
Day14	Hour 8	7/14/11 7:00	2.50	29.53	12.59	ppm	5.90
Day14	Hour 9	7/14/11 8:00	2.50	27.44	12.59	ppm	5.84
Day14	Hour 10	7/14/11 9:00	2.49	29.02	12.59	ppm	6.32
Day14	Hour 11	7/14/11 10:00	2.51	29.80	12.59	ppm	5.89
Day14	Hour 12	7/14/11 11:00	2.54	30.09	12.59	ppm	6.09
Day14	Hour 13	7/14/11 12:00	2.56	30.27	12.59	ppm	5.61
Day14	Hour 14	7/14/11 13:00	2.57	30.29	12.59	ppm	5.45
Day14	Hour 15	7/14/11 14:00	2.58	30.31	12.59	ppm	5.20
Day14	Hour 16	7/14/11 15:00	2.59	30.32	12.59	ppm	5.09
Day14	Hour 17	7/14/11 16:00	2.58	30.34	12.59	ppm	5.12
Day14	Hour 18	7/14/11 17:00	2.58	30.35	12.59	ppm	5.55
Day14	Hour 19	7/14/11 18:00	2.58	30.37	12.59	ppm	5.22
Day14	Hour 20	7/14/11 19:00	2.59	30.39	12.59	ppm	5.31
Day14	Hour 21	7/14/11 20:00	2.58	30.40	12.59	ppm	5.35
Day14	Hour 22	7/14/11 21:00	2.58	30.41	12.59	ppm	5.34
Day14	Hour 23	7/14/11 22:00	2.58	30.41	12.59	ppm	5.36
Day14	Hour 24	7/14/11 23:00	2.59	30.42	12.59	ppm	5.67
Day15	Hour 1	7/15/11 0:00	2.59	30.43	13.24	ppm	5.36
Day15	Hour 2	7/15/11 1:00	2.59	30.43	13.24	ppm	5.36
Day15	Hour 3	7/15/11 2:00	2.59	30.44	13.24	ppm	5.37
Day15	Hour 4	7/15/11 3:00	2.59	30.45	13.24	ppm	5.36
Day15	Hour 5	7/15/11 4:00	2.59	30.29	13.24	ppm	5.33
Day15	Hour 6	7/15/11 5:00	2.58	29.90	13.24	ppm	5.61
Day15	Hour 7	7/15/11 6:00	2.56	29.23	13.24	ppm	5.97

Day15	Hour 8	7/15/11 7:00	2.51	30.04	13.24	ppm	5.68
Day15	Hour 9	7/15/11 8:00	2.50	29.98	13.24	ppm	5.73
Day15	Hour 10	7/15/11 9:00	2.49	29.92	13.24	ppm	5.82
Day15	Hour 11	7/15/11 10:00	2.48	29.87	13.24	ppm	6.03
Day15	Hour 12	7/15/11 11:00	2.51	29.86	13.24	ppm	5.97
Day15	Hour 13	7/15/11 12:00	2.53	29.85	13.24	ppm	5.79
Day15	Hour 14	7/15/11 13:00	2.62	31.10	13.24	ppm	5.34
Day15	Hour 15	7/15/11 14:00	2.70	31.29	13.24	ppm	4.96
Day15	Hour 16	7/15/11 15:00	2.73	33.02	13.24	ppm	4.58
Day15	Hour 17	7/15/11 16:00	2.72	33.03	13.24	ppm	4.54
Day15	Hour 18	7/15/11 17:00	2.70	32.99	13.24	ppm	4.98
Day15	Hour 19	7/15/11 18:00	2.71	32.95	13.24	ppm	4.55
Day15	Hour 20	7/15/11 19:00	2.72	32.90	13.24	ppm	4.52
Day15	Hour 21	7/15/11 20:00	2.72	32.86	13.24	ppm	4.59
Day15	Hour 22	7/15/11 21:00	2.72	32.82	13.24	ppm	4.52
Day15	Hour 23	7/15/11 22:00	2.72	32.78	13.24	ppm	4.56
Day15	Hour 24	7/15/11 23:00	2.72	32.73	13.24	ppm	4.88
Day16	Hour 1	7/16/11 0:00	2.72	32.64	15.75	ppm	4.56
Day16	Hour 2	7/16/11 1:00	2.72	32.55	15.75	ppm	4.62
Day16	Hour 3	7/16/11 2:00	2.72	32.45	15.75	ppm	4.55
Day16	Hour 4	7/16/11 3:00	2.72	32.36	15.75	ppm	4.47
Day16	Hour 5	7/16/11 4:00	2.72	32.27	15.75	ppm	4.43
Day16	Hour 6	7/16/11 5:00	2.71	32.17	15.75	ppm	4.81
Day16	Hour 7	7/16/11 6:00	2.72	31.34	15.75	ppm	5.48
Day16	Hour 8	7/16/11 7:00	2.72	32.31	15.75	ppm	4.70
Day16	Hour 9	7/16/11 8:00	2.72	32.39	15.75	ppm	4.67
Day16	Hour 10	7/16/11 9:00	2.72	32.47	15.75	ppm	4.75
Day16	Hour 11	7/16/11 10:00	2.72	32.55	15.75	ppm	4.62
Day16	Hour 12	7/16/11 11:00	2.72	32.63	15.75	ppm	4.79
Day16	Hour 13	7/16/11 12:00	2.72	32.71	15.75	ppm	4.40
Day16	Hour 14	7/16/11 13:00	2.72	32.78	15.75	ppm	4.42
Day16	Hour 15	7/16/11 14:00	2.72	32.86	15.75	ppm	4.34
Day16	Hour 16	7/16/11 15:00	2.72	32.94	15.75	ppm	4.29
Day16	Hour 17	7/16/11 16:00	2.73	32.52	15.75	ppm	4.29
Day16	Hour 18	7/16/11 17:00	2.72	33.22	15.75	ppm	4.70
Day16	Hour 19	7/16/11 18:00	2.73	33.41	15.75	ppm	4.41
Day16	Hour 20	7/16/11 19:00	2.81	33.62	15.75	ppm	4.34
Day16	Hour 21	7/16/11 20:00	2.88	34.16	15.75	ppm	4.15
Day16	Hour 22	7/16/11 21:00	2.93	34.85	15.75	ppm	4.27
Day16	Hour 23	7/16/11 22:00	3.05	35.93	15.75	ppm	4.05
Day16	Hour 24	7/16/11 23:00	3.09	36.67	15.75	ppm	4.49
Day17	Hour 1	7/17/11 0:00	3.15	37.19	15.59	ppm	3.86
Day17	Hour 2	7/17/11 1:00	3.22	37.75	15.59	ppm	4.14
Day17	Hour 3	7/17/11 2:00	3.25	38.11	15.59	ppm	4.09
Day17	Hour 4	7/17/11 3:00	3.29	38.35	15.59	ppm	4.09
Day17	Hour 5	7/17/11 4:00	3.33	38.35	15.59	ppm	3.94
Day17	Hour 6	7/17/11 5:00	3.33	38.32	15.59	ppm	4.42
Day17	Hour 7	7/17/11 6:00	3.33	37.36	15.59	ppm	5.16
Day17	Hour 8	7/17/11 7:00	3.33	38.60	15.59	ppm	4.16
Day17	Hour 9	7/17/11 8:00	3.34	38.75	15.59	ppm	3.98
Day17	Hour 10	7/17/11 9:00	3.34	38.90	15.59	ppm	4.13

Day17	Hour 11	7/17/11 10:00	3.35	39.05	15.59	ppm	4.07
Day17	Hour 12	7/17/11 11:00	3.37	38.45	15.59	ppm	4.36
Day17	Hour 13	7/17/11 12:00	3.37	36.93	15.59	ppm	4.03
Day17	Hour 14	7/17/11 13:00	3.38	38.19	15.59	ppm	3.95
Day17	Hour 15	7/17/11 14:00	3.38	38.26	15.59	ppm	4.06
Day17	Hour 16	7/17/11 15:00	3.38	38.30	15.59	ppm	4.05
Day17	Hour 17	7/17/11 16:00	3.38	38.34	15.59	ppm	4.08
Day17	Hour 18	7/17/11 17:00	3.38	38.38	15.59	ppm	4.48
Day17	Hour 19	7/17/11 18:00	3.37	38.42	15.59	ppm	4.09
Day17	Hour 20	7/17/11 19:00	3.37	37.78	15.59	ppm	3.98
Day17	Hour 21	7/17/11 20:00	3.38	38.31	15.59	ppm	4.13
Day17	Hour 22	7/17/11 21:00	3.37	38.24	15.59	ppm	4.15
Day17	Hour 23	7/17/11 22:00	3.37	38.17	15.59	ppm	4.18
Day17	Hour 24	7/17/11 23:00	3.34	37.99	15.59	ppm	4.39
Day18	Hour 1	7/18/11 0:00	3.28	37.65	13.51	ppm	4.24
Day18	Hour 2	7/18/11 1:00	3.24	37.25	13.51	ppm	4.29
Day18	Hour 3	7/18/11 2:00	3.24	36.91	13.51	ppm	4.27
Day18	Hour 4	7/18/11 3:00	3.21	36.59	13.51	ppm	4.39
Day18	Hour 5	7/18/11 4:00	3.19	36.27	13.51	ppm	4.40
Day18	Hour 6	7/18/11 5:00	3.20	35.95	13.51	ppm	4.65
Day18	Hour 7	7/18/11 6:00	3.19	34.96	13.51	ppm	5.33
Day18	Hour 8	7/18/11 7:00	3.20	36.26	13.51	ppm	4.53
Day18	Hour 9	7/18/11 8:00	3.22	36.55	13.51	ppm	4.40
Day18	Hour 10	7/18/11 9:00	3.23	33.49	13.51	ppm	4.24
Day18	Hour 11	7/18/11 10:00	3.25	37.05	13.51	ppm	4.85
Day18	Hour 12	7/18/11 11:00	3.28	37.29	13.51	ppm	4.55
Day18	Hour 13	7/18/11 12:00	3.30	37.54	13.51	ppm	3.95
Day18	Hour 14	7/18/11 13:00	3.33	37.79	13.51	ppm	3.86
Day18	Hour 15	7/18/11 14:00	3.36	38.03	13.51	ppm	4.04
Day18	Hour 16	7/18/11 15:00	3.34	37.40	13.51	ppm	4.28
Day18	Hour 17	7/18/11 16:00	3.34	37.09	13.51	ppm	4.43
Day18	Hour 18	7/18/11 17:00	3.34	37.57	13.51	ppm	4.76
Day18	Hour 19	7/18/11 18:00	3.34	37.54	13.51	ppm	4.51
Day18	Hour 20	7/18/11 19:00	3.34	37.50	13.51	ppm	4.59
Day18	Hour 21	7/18/11 20:00	3.34	37.47	13.51	ppm	4.59
Day18	Hour 22	7/18/11 21:00	3.33	37.44	13.51	ppm	4.58
Day18	Hour 23	7/18/11 22:00	3.33	37.41	13.51	ppm	4.56
Day18	Hour 24	7/18/11 23:00	3.33	37.37	13.51	ppm	4.81
Day19	Hour 1	7/19/11 0:00	3.33	37.37	13.64	ppm	4.43
Day19	Hour 2	7/19/11 1:00	3.33	37.40	13.64	ppm	4.32
Day19	Hour 3	7/19/11 2:00	3.33	37.42	13.64	ppm	4.33
Day19	Hour 4	7/19/11 3:00	3.34	37.48	13.64	ppm	4.38
Day19	Hour 5	7/19/11 4:00	3.33	37.68	13.64	ppm	4.32
Day19	Hour 6	7/19/11 5:00	3.33	37.38	13.64	ppm	4.69
Day19	Hour 7	7/19/11 6:00	3.33	36.18	13.64	ppm	5.33
Day19	Hour 8	7/19/11 7:00	3.33	37.33	13.64	ppm	4.38
Day19	Hour 9	7/19/11 8:00	3.33	37.48	13.64	ppm	4.40
Day19	Hour 10	7/19/11 9:00	3.33	37.62	13.64	ppm	4.28
Day19	Hour 11	7/19/11 10:00	3.34	37.77	13.64	ppm	4.28
Day19	Hour 12	7/19/11 11:00	3.34	37.85	13.64	ppm	4.76
Day19	Hour 13	7/19/11 12:00	3.33	37.91	13.64	ppm	4.41

Day19	Hour 14	7/19/11 13:00	3.33	37.97	13.64	ppm	4.28
Day19	Hour 15	7/19/11 14:00	3.33	38.02	13.64	ppm	4.06
Day19	Hour 16	7/19/11 15:00	3.33	38.08	13.64	ppm	4.04
Day19	Hour 17	7/19/11 16:00	3.33	36.39	13.64	ppm	4.29
Day19	Hour 18	7/19/11 17:00	3.34	37.65	13.64	ppm	4.51
Day19	Hour 19	7/19/11 18:00	3.34	37.78	13.64	ppm	3.98
Day19	Hour 20	7/19/11 19:00	3.34	37.90	13.64	ppm	4.09
Day19	Hour 21	7/19/11 20:00	3.34	37.92	13.64	ppm	4.20
Day19	Hour 22	7/19/11 21:00	3.34	37.91	13.64	ppm	4.17
Day19	Hour 23	7/19/11 22:00	3.33	37.90	13.64	ppm	4.19
Day19	Hour 24	7/19/11 23:00	3.34	37.90	13.64	ppm	4.54
Day20	Hour 1	7/20/11 0:00	3.34	37.89	12.11	ppm	4.28
Day20	Hour 2	7/20/11 1:00	3.34	37.88	12.11	ppm	4.20
Day20	Hour 3	7/20/11 2:00	3.34	37.87	12.11	ppm	4.19
Day20	Hour 4	7/20/11 3:00	3.34	37.82	12.11	ppm	4.23
Day20	Hour 5	7/20/11 4:00	3.34	37.48	12.11	ppm	4.33
Day20	Hour 6	7/20/11 5:00	3.34	37.09	12.11	ppm	4.61
Day20	Hour 7	7/20/11 6:00	3.34	36.08	12.11	ppm	5.67
Day20	Hour 8	7/20/11 7:00	3.34	37.19	12.11	ppm	6.30
Day20	Hour 9	7/20/11 8:00	3.34	37.24	12.11	ppm	4.76
Day20	Hour 10	7/20/11 9:00	3.34	37.30	12.11	ppm	5.21
Day20	Hour 11	7/20/11 10:00	3.33	36.71	12.11	ppm	7.15
Day20	Hour 12	7/20/11 11:00	3.33	36.11	12.11	ppm	4.29
Day20	Hour 13	7/20/11 12:00	3.31	34.95	12.11	ppm	4.65
Day20	Hour 14	7/20/11 13:00	3.26	36.58	12.11	ppm	5.02
Day20	Hour 15	7/20/11 14:00	3.27	36.87	12.11	ppm	4.90
Day20	Hour 16	7/20/11 15:00	3.27	36.91	12.11	ppm	4.72
Day20	Hour 17	7/20/11 16:00	3.29	36.95	12.11	ppm	4.70
Day20	Hour 18	7/20/11 17:00	3.28	37.02	12.11	ppm	4.84
Day20	Hour 19	7/20/11 18:00	3.28	37.11	12.11	ppm	4.23
Day20	Hour 20	7/20/11 19:00	3.29	37.21	12.11	ppm	4.38
Day20	Hour 21	7/20/11 20:00	3.30	37.30	12.11	ppm	4.43
Day20	Hour 22	7/20/11 21:00	3.31	36.56	12.11	ppm	4.49
Day20	Hour 23	7/20/11 22:00	3.33	37.27	12.11	ppm	4.61
Day20	Hour 24	7/20/11 23:00	3.33	37.19	12.11	ppm	5.10
Day21	Hour 1	7/21/11 0:00	3.33	37.10	14.51	ppm	4.63
Day21	Hour 2	7/21/11 1:00	3.34	37.01	14.51	ppm	4.72
Day21	Hour 3	7/21/11 2:00	3.34	36.92	14.51	ppm	4.72
Day21	Hour 4	7/21/11 3:00	3.34	36.84	14.51	ppm	4.75
Day21	Hour 5	7/21/11 4:00	3.33	36.75	14.51	ppm	4.80
Day21	Hour 6	7/21/11 5:00	3.34	36.66	14.51	ppm	5.03
Day21	Hour 7	7/21/11 6:00	3.35	35.79	14.51	ppm	6.81
Day21	Hour 8	7/21/11 7:00	3.36	37.03	14.51	ppm	4.32
Day21	Hour 9	7/21/11 8:00	3.37	37.28	14.51	ppm	8.37
Day21	Hour 10	7/21/11 9:00	3.37	37.52	14.51	ppm	4.00
Day21	Hour 11	7/21/11 10:00	3.37	35.04	14.51	ppm	4.08
Day21	Hour 12	7/21/11 11:00	3.39	37.48	14.51	ppm	4.52
Day21	Hour 13	7/21/11 12:00	3.38	37.53	14.51	ppm	3.83
Day21	Hour 14	7/21/11 13:00	3.38	37.59	14.51	ppm	3.78
Day21	Hour 15	7/21/11 14:00	3.38	37.64	14.51	ppm	3.83
Day21	Hour 16	7/21/11 15:00	3.38	37.69	14.51	ppm	3.93

Day21	Hour 17	7/21/11 16:00	3.38	37.74	14.51	ppm	3.96
Day21	Hour 18	7/21/11 17:00	3.38	37.79	14.51	ppm	4.44
Day21	Hour 19	7/21/11 18:00	3.36	37.83	14.51	ppm	3.92
Day21	Hour 20	7/21/11 19:00	3.35	37.79	14.51	ppm	4.02
Day21	Hour 21	7/21/11 20:00	3.35	37.08	14.51	ppm	4.06
Day21	Hour 22	7/21/11 21:00	3.35	38.01	14.51	ppm	4.10
Day21	Hour 23	7/21/11 22:00	3.35	38.04	14.51	ppm	4.07
Day21	Hour 24	7/21/11 23:00	3.37	38.06	14.51	ppm	6.84
Day22	Hour 1	7/22/11 0:00	3.37	38.09	14.55	ppm	4.95
Day22	Hour 2	7/22/11 1:00	3.37	38.11	14.55	ppm	4.50
Day22	Hour 3	7/22/11 2:00	3.36	38.14	14.55	ppm	4.44
Day22	Hour 4	7/22/11 3:00	3.36	38.16	14.55	ppm	4.44
Day22	Hour 5	7/22/11 4:00	3.36	38.15	14.55	ppm	4.46
Day22	Hour 6	7/22/11 5:00	3.36	37.78	14.55	ppm	4.82
Day22	Hour 7	7/22/11 6:00	3.36	36.36	14.55	ppm	5.43
Day22	Hour 8	7/22/11 7:00	3.36	37.32	14.55	ppm	4.49
Day22	Hour 9	7/22/11 8:00	3.35	37.36	14.55	ppm	4.37
Day22	Hour 10	7/22/11 9:00	3.36	37.39	14.55	ppm	4.26
Day22	Hour 11	7/22/11 10:00	3.35	37.43	14.55	ppm	7.76
Day22	Hour 12	7/22/11 11:00	3.34	37.46	14.55	ppm	4.46
Day22	Hour 13	7/22/11 12:00	3.34	37.50	14.55	ppm	4.16
Day22	Hour 14	7/22/11 13:00	3.35	37.51	14.55	ppm	4.30
Day22	Hour 15	7/22/11 14:00	3.35	37.52	14.55	ppm	4.56
Day22	Hour 16	7/22/11 15:00	3.35	37.53	14.55	ppm	4.58
Day22	Hour 17	7/22/11 16:00	3.34	37.54	14.55	ppm	4.57
Day22	Hour 18	7/22/11 17:00	3.34	36.03	14.55	ppm	4.90
Day22	Hour 19	7/22/11 18:00	3.34	36.03	14.55	ppm	4.55
Day22	Hour 20	7/22/11 19:00	3.34	36.72	14.55	ppm	4.57
Day22	Hour 21	7/22/11 20:00	3.34	37.61	14.55	ppm	4.62
Day22	Hour 22	7/22/11 21:00	3.36	37.67	14.55	ppm	4.67
Day22	Hour 23	7/22/11 22:00	3.36	37.73	14.55	ppm	4.68
Day22	Hour 24	7/22/11 23:00	3.36	37.78	14.55	ppm	5.08
Day23	Hour 1	7/23/11 0:00	3.36	37.84	14.86	ppm	4.74
Day23	Hour 2	7/23/11 1:00	3.35	37.89	14.86	ppm	4.78
Day23	Hour 3	7/23/11 2:00	3.36	37.95	14.86	ppm	4.77
Day23	Hour 4	7/23/11 3:00	3.36	37.99	14.86	ppm	4.76
Day23	Hour 5	7/23/11 4:00	3.36	37.79	14.86	ppm	4.77
Day23	Hour 6	7/23/11 5:00	3.36	37.52	14.86	ppm	5.09
Day23	Hour 7	7/23/11 6:00	3.36	36.38	14.86	ppm	5.56
Day23	Hour 8	7/23/11 7:00	3.36	37.42	14.86	ppm	4.40
Day23	Hour 9	7/23/11 8:00	3.36	37.46	14.86	ppm	4.31
Day23	Hour 10	7/23/11 9:00	3.35	37.49	14.86	ppm	4.45
Day23	Hour 11	7/23/11 10:00	3.36	37.53	14.86	ppm	4.51
Day23	Hour 12	7/23/11 11:00	3.37	37.56	14.86	ppm	4.82
Day23	Hour 13	7/23/11 12:00	3.37	37.60	14.86	ppm	4.32
Day23	Hour 14	7/23/11 13:00	3.36	37.64	14.86	ppm	4.24
Day23	Hour 15	7/23/11 14:00	3.36	37.69	14.86	ppm	4.22
Day23	Hour 16	7/23/11 15:00	3.35	37.73	14.86	ppm	4.23
Day23	Hour 17	7/23/11 16:00	3.36	37.78	14.86	ppm	4.32
Day23	Hour 18	7/23/11 17:00	3.36	37.83	14.86	ppm	4.62
Day23	Hour 19	7/23/11 18:00	3.36	37.87	14.86	ppm	4.22

Day23	Hour 20	7/23/11 19:00	3.36	37.92	14.86	ppm	4.40
Day23	Hour 21	7/23/11 20:00	3.36	37.95	14.86	ppm	4.38
Day23	Hour 22	7/23/11 21:00	3.36	37.95	14.86	ppm	4.43
Day23	Hour 23	7/23/11 22:00	3.36	37.94	14.86	ppm	4.37
Day23	Hour 24	7/23/11 23:00	3.36	37.93	14.86	ppm	4.78
Day24	Hour 1	7/24/11 0:00	3.36	37.92	13.82	ppm	4.36
Day24	Hour 2	7/24/11 1:00	3.36	37.91	13.82	ppm	4.41
Day24	Hour 3	7/24/11 2:00	3.36	37.90	13.82	ppm	4.43
Day24	Hour 4	7/24/11 3:00	3.36	37.90	13.82	ppm	4.46
Day24	Hour 5	7/24/11 4:00	3.36	37.78	13.82	ppm	4.51
Day24	Hour 6	7/24/11 5:00	3.36	37.38	13.82	ppm	4.86
Day24	Hour 7	7/24/11 6:00	3.36	36.61	13.82	ppm	5.52
Day24	Hour 8	7/24/11 7:00	3.36	37.96	13.82	ppm	4.55
Day24	Hour 9	7/24/11 8:00	3.36	37.91	13.82	ppm	4.48
Day24	Hour 10	7/24/11 9:00	3.35	37.86	13.82	ppm	4.57
Day24	Hour 11	7/24/11 10:00	3.34	37.80	13.82	ppm	4.49
Day24	Hour 12	7/24/11 11:00	3.35	37.75	13.82	ppm	4.90
Day24	Hour 13	7/24/11 12:00	3.35	37.70	13.82	ppm	4.53
Day24	Hour 14	7/24/11 13:00	3.35	37.65	13.82	ppm	4.45
Day24	Hour 15	7/24/11 14:00	3.37	37.70	13.82	ppm	4.37
Day24	Hour 16	7/24/11 15:00	3.38	38.04	13.82	ppm	4.36
Day24	Hour 17	7/24/11 16:00	3.37	37.99	13.82	ppm	4.40
Day24	Hour 18	7/24/11 17:00	3.37	37.76	13.82	ppm	4.73
Day24	Hour 19	7/24/11 18:00	3.37	37.75	13.82	ppm	4.49
Day24	Hour 20	7/24/11 19:00	3.37	37.74	13.82	ppm	4.48
Day24	Hour 21	7/24/11 20:00	3.37	37.73	13.82	ppm	4.46
Day24	Hour 22	7/24/11 21:00	3.38	37.72	13.82	ppm	4.49
Day24	Hour 23	7/24/11 22:00	3.38	37.71	13.82	ppm	4.51
Day24	Hour 24	7/24/11 23:00	3.37	37.70	13.82	ppm	4.82
Day25	Hour 1	7/25/11 0:00	3.36	37.69	12.41	ppm	4.41
Day25	Hour 2	7/25/11 1:00	3.36	37.65	12.41	ppm	4.42
Day25	Hour 3	7/25/11 2:00	3.37	37.55	12.41	ppm	4.55
Day25	Hour 4	7/25/11 3:00	3.37	37.46	12.41	ppm	4.44
Day25	Hour 5	7/25/11 4:00	3.37	37.37	12.41	ppm	4.41
Day25	Hour 6	7/25/11 5:00	3.37	37.27	12.41	ppm	4.67
Day25	Hour 7	7/25/11 6:00	3.36	36.55	12.41	ppm	5.40
Day25	Hour 8	7/25/11 7:00	3.37	37.62	12.41	ppm	4.53
Day25	Hour 9	7/25/11 8:00	3.37	35.14	12.41	ppm	4.50
Day25	Hour 10	7/25/11 9:00	3.36	37.58	12.41	ppm	4.47
Day25	Hour 11	7/25/11 10:00	3.36	37.57	12.41	ppm	5.17
Day25	Hour 12	7/25/11 11:00	3.36	37.56	12.41	ppm	4.80
Day25	Hour 13	7/25/11 12:00	3.36	37.55	12.41	ppm	4.41
Day25	Hour 14	7/25/11 13:00	3.36	37.54	12.41	ppm	4.40
Day25	Hour 15	7/25/11 14:00	3.35	37.53	12.41	ppm	4.37
Day25	Hour 16	7/25/11 15:00	3.35	37.53	12.41	ppm	4.38
Day25	Hour 17	7/25/11 16:00	3.35	37.53	12.41	ppm	4.41
Day25	Hour 18	7/25/11 17:00	3.34	37.53	12.41	ppm	4.71
Day25	Hour 19	7/25/11 18:00	3.35	37.54	12.41	ppm	4.45
Day25	Hour 20	7/25/11 19:00	3.35	37.54	12.41	ppm	4.46
Day25	Hour 21	7/25/11 20:00	3.35	37.54	12.41	ppm	4.49
Day25	Hour 22	7/25/11 21:00	3.35	37.54	12.41	ppm	4.63



Day25	Hour 23	7/25/11 22:00	3.37	37.54	12.41	ppm	4.60
Day25	Hour 24	7/25/11 23:00	3.36	37.50	12.41	ppm	4.96
Day26	Hour 1	7/26/11 0:00	3.36	37.45	12.58	ppm	4.67
Day26	Hour 2	7/26/11 1:00	3.37	37.39	12.58	ppm	4.75
Day26	Hour 3	7/26/11 2:00	3.38	37.33	12.58	ppm	4.78
Day26	Hour 4	7/26/11 3:00	3.38	37.27	12.58	ppm	4.80
Day26	Hour 5	7/26/11 4:00	3.38	37.21	12.58	ppm	4.77
Day26	Hour 6	7/26/11 5:00	3.38	37.15	12.58	ppm	5.15
Day26	Hour 7	7/26/11 6:00	3.38	36.54	12.58	ppm	5.66
Day26	Hour 8	7/26/11 7:00	3.38	37.89	12.58	ppm	4.83
Day26	Hour 9	7/26/11 8:00	3.38	37.91	12.58	ppm	4.77
Day26	Hour 10	7/26/11 9:00	3.35	37.92	12.58	ppm	4.76
Day26	Hour 11	7/26/11 10:00	3.33	37.94	12.58	ppm	4.68
Day26	Hour 12	7/26/11 11:00	3.33	37.95	12.58	ppm	5.04
Day26	Hour 13	7/26/11 12:00	3.33	37.97	12.58	ppm	4.69
Day26	Hour 14	7/26/11 13:00	3.33	37.98	12.58	ppm	4.69
Day26	Hour 15	7/26/11 14:00	3.32	37.97	12.58	ppm	4.64
Day26	Hour 16	7/26/11 15:00	3.32	37.96	12.58	ppm	4.59
Day26	Hour 17	7/26/11 16:00	3.32	37.94	12.58	ppm	4.63
Day26	Hour 18	7/26/11 17:00	3.33	37.92	12.58	ppm	4.94
Day26	Hour 19	7/26/11 18:00	3.32	37.91	12.58	ppm	4.61
Day26	Hour 20	7/26/11 19:00	3.32	37.89	12.58	ppm	4.66
Day26	Hour 21	7/26/11 20:00	3.33	37.87	12.58	ppm	4.67
Day26	Hour 22	7/26/11 21:00	3.32	37.87	12.58	ppm	4.71
Day26	Hour 23	7/26/11 22:00	3.33	37.90	12.58	ppm	4.66
Day26	Hour 24	7/26/11 23:00	3.33	37.94	12.58	ppm	5.01
Day27	Hour 1	7/27/11 0:00	3.32	37.98	11.17	ppm	4.70
Day27	Hour 2	7/27/11 1:00	3.33	38.02	11.17	ppm	4.68
Day27	Hour 3	7/27/11 2:00	3.33	38.06	11.17	ppm	4.63
Day27	Hour 4	7/27/11 3:00	3.33	38.11	11.17	ppm	4.62
Day27	Hour 5	7/27/11 4:00	3.33	38.15	11.17	ppm	4.52
Day27	Hour 6	7/27/11 5:00	3.33	38.00	11.17	ppm	4.78
Day27	Hour 7	7/27/11 6:00	3.32	36.77	11.17	ppm	5.40
Day27	Hour 8	7/27/11 7:00	3.32	38.07	11.17	ppm	4.41
Day27	Hour 9	7/27/11 8:00	3.32	38.17	11.17	ppm	4.39
Day27	Hour 10	7/27/11 9:00	3.35	38.27	11.17	ppm	4.43
Day27	Hour 11	7/27/11 10:00	3.31	38.37	11.17	ppm	4.28
Day27	Hour 12	7/27/11 11:00	3.27	38.47	11.17	ppm	4.67
Day27	Hour 13	7/27/11 12:00	3.36	38.56	11.17	ppm	4.31
Day27	Hour 14	7/27/11 13:00	3.36	38.66	11.17	ppm	4.23
Day27	Hour 15	7/27/11 14:00	3.36	38.75	11.17	ppm	4.19
Day27	Hour 16	7/27/11 15:00	3.37	38.76	11.17	ppm	4.20
Day27	Hour 17	7/27/11 16:00	3.36	38.77	11.17	ppm	4.21
Day27	Hour 18	7/27/11 17:00	3.37	38.78	11.17	ppm	4.50
Day27	Hour 19	7/27/11 18:00	3.38	38.80	11.17	ppm	4.17
Day27	Hour 20	7/27/11 19:00	3.38	38.81	11.17	ppm	4.20
Day27	Hour 21	7/27/11 20:00	3.38	38.82	11.17	ppm	4.31
Day27	Hour 22	7/27/11 21:00	3.38	38.83	11.17	ppm	4.45
Day27	Hour 23	7/27/11 22:00	3.38	38.82	11.17	ppm	4.51
Day27	Hour 24	7/27/11 23:00	3.38	38.76	11.17	ppm	4.88
Day28	Hour 1	7/28/11 0:00	3.38	38.69	12.89	ppm	4.33

Day28	Hour 2	7/28/11 1:00	3.38	38.63	12.89	ppm	4.31
Day28	Hour 3	7/28/11 2:00	3.38	38.56	12.89	ppm	4.45
Day28	Hour 4	7/28/11 3:00	3.38	38.50	12.89	ppm	4.42
Day28	Hour 5	7/28/11 4:00	3.38	38.44	12.89	ppm	4.43
Day28	Hour 6	7/28/11 5:00	3.38	38.37	12.89	ppm	4.81
Day28	Hour 7	7/28/11 6:00	3.37	37.37	12.89	ppm	5.41
Day28	Hour 8	7/28/11 7:00	3.38	38.38	12.89	ppm	4.43
Day28	Hour 9	7/28/11 8:00	3.38	38.16	12.89	ppm	4.41
Day28	Hour 10	7/28/11 9:00	3.38	36.09	12.89	ppm	4.38
Day28	Hour 11	7/28/11 10:00	3.38	38.46	12.89	ppm	4.43
Day28	Hour 12	7/28/11 11:00	3.38	38.44	12.89	ppm	4.77
Day28	Hour 13	7/28/11 12:00	3.38	38.42	12.89	ppm	4.36
Day28	Hour 14	7/28/11 13:00	3.36	38.31	12.89	ppm	4.40
Day28	Hour 15	7/28/11 14:00	3.26	37.68	12.89	ppm	4.58
Day28	Hour 16	7/28/11 15:00	3.24	37.36	12.89	ppm	4.79
Day28	Hour 17	7/28/11 16:00	3.25	37.21	12.89	ppm	4.48
Day28	Hour 18	7/28/11 17:00	3.26	37.05	12.89	ppm	4.80
Day28	Hour 19	7/28/11 18:00	3.26	36.50	12.89	ppm	4.64
Day28	Hour 20	7/28/11 19:00	3.25	37.20	12.89	ppm	4.68
Day28	Hour 21	7/28/11 20:00	3.25	37.35	12.89	ppm	4.72
Day28	Hour 22	7/28/11 21:00	3.25	37.36	12.89	ppm	4.73
Day28	Hour 23	7/28/11 22:00	3.25	37.33	12.89	ppm	4.73
Day28	Hour 24	7/28/11 23:00	3.25	37.30	12.89	ppm	5.10
Day29	Hour 1	7/29/11 0:00	3.25	37.26	13.65	ppm	4.76
Day29	Hour 2	7/29/11 1:00	3.25	37.23	13.65	ppm	4.73
Day29	Hour 3	7/29/11 2:00	3.25	37.20	13.65	ppm	4.70
Day29	Hour 4	7/29/11 3:00	3.25	37.17	13.65	ppm	4.70
Day29	Hour 5	7/29/11 4:00	3.25	37.10	13.65	ppm	4.69
Day29	Hour 6	7/29/11 5:00	3.25	36.75	13.65	ppm	5.00
Day29	Hour 7	7/29/11 6:00	3.25	35.93	13.65	ppm	5.62
Day29	Hour 8	7/29/11 7:00	3.25	37.18	13.65	ppm	4.72
Day29	Hour 9	7/29/11 8:00	3.25	37.10	13.65	ppm	4.65
Day29	Hour 10	7/29/11 9:00	3.25	37.02	13.65	ppm	4.51
Day29	Hour 11	7/29/11 10:00	3.24	36.95	13.65	ppm	4.59
Day29	Hour 12	7/29/11 11:00	3.24	36.87	13.65	ppm	4.96
Day29	Hour 13	7/29/11 12:00	3.25	36.79	13.65	ppm	4.59
Day29	Hour 14	7/29/11 13:00	3.24	36.71	13.65	ppm	4.54
Day29	Hour 15	7/29/11 14:00	3.24	36.65	13.65	ppm	4.52
Day29	Hour 16	7/29/11 15:00	3.24	36.24	13.65	ppm	4.57
Day29	Hour 17	7/29/11 16:00	3.25	35.60	13.65	ppm	4.56
Day29	Hour 18	7/29/11 17:00	3.24	36.08	13.65	ppm	4.93
Day29	Hour 19	7/29/11 18:00	3.24	36.48	13.65	ppm	4.61
Day29	Hour 20	7/29/11 19:00	3.24	36.55	13.65	ppm	4.66
Day29	Hour 21	7/29/11 20:00	3.25	34.76	13.65	ppm	4.62
Day29	Hour 22	7/29/11 21:00	3.24	36.87	13.65	ppm	4.63
Day29	Hour 23	7/29/11 22:00	3.24	36.88	13.65	ppm	4.66
Day29	Hour 24	7/29/11 23:00	3.24	36.90	13.65	ppm	5.05
Day30	Hour 1	7/30/11 0:00	3.24	36.91	15.81	ppm	4.71
Day30	Hour 2	7/30/11 1:00	3.24	36.92	15.81	ppm	4.72
Day30	Hour 3	7/30/11 2:00	3.25	36.94	15.81	ppm	4.79
Day30	Hour 4	7/30/11 3:00	3.24	36.95	15.81	ppm	4.82

Day30	Hour 5	7/30/11 4:00	3.24	36.92	15.81	ppm	4.73
Day30	Hour 6	7/30/11 5:00	3.25	36.55	15.81	ppm	4.98
Day30	Hour 7	7/30/11 6:00	3.24	35.72	15.81	ppm	5.58
Day30	Hour 8	7/30/11 7:00	3.25	37.10	15.81	ppm	4.72
Day30	Hour 9	7/30/11 8:00	3.24	37.18	15.81	ppm	5.96
Day30	Hour 10	7/30/11 9:00	3.24	37.21	15.81	ppm	4.56
Day30	Hour 11	7/30/11 10:00	3.25	37.15	15.81	ppm	4.44
Day30	Hour 12	7/30/11 11:00	3.24	37.06	15.81	ppm	4.77
Day30	Hour 13	7/30/11 12:00	3.24	36.95	15.81	ppm	4.38
Day30	Hour 14	7/30/11 13:00	3.24	36.85	15.81	ppm	4.39
Day30	Hour 15	7/30/11 14:00	3.24	36.74	15.81	ppm	4.37
Day30	Hour 16	7/30/11 15:00	3.24	36.64	15.81	ppm	4.40
Day30	Hour 17	7/30/11 16:00	3.25	35.90	15.81	ppm	4.41
Day30	Hour 18	7/30/11 17:00	3.24	36.04	15.81	ppm	4.74
Day30	Hour 19	7/30/11 18:00	3.24	36.77	15.81	ppm	4.40
Day30	Hour 20	7/30/11 19:00	3.25	36.85	15.81	ppm	4.43
Day30	Hour 21	7/30/11 20:00	3.25	35.16	15.81	ppm	4.54
Day30	Hour 22	7/30/11 21:00	3.25	37.07	15.81	ppm	4.53
Day30	Hour 23	7/30/11 22:00	3.24	37.15	15.81	ppm	4.51
Day30	Hour 24	7/30/11 23:00	3.24	37.34	15.81	ppm	5.19

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

Facility Name	Unit ID No.	Facility ID No.
Flint Hills Resources Pine Bend Refinery	EU-228	MN2B0720

**Daily Average Process Data for a 30 Day Period Including the Testing Date**

NON- CONFIDENTIAL VERSION			FCCU PROCESS PARAMETERS		
	Date	Process Input Rate	Process Variable 1	Process Variable 2	Process Variable 3
Description of Process Variable		Gas Oil Feed Rate	Gas Oil Feed Sulfur	Catalyst Regenerator Air Rate	Catalyst Circulation Rate
Units of Process Variable		MBPD	WT%	MSCFH	TPH

Day 1	7/1/11	72.02	0.09	6472.54	4409.96
Day 2	7/2/11	72.16	0.10	6658.58	4210.69
Day 3	7/3/11	71.76	0.12	6626.74	4109.78
Day 4	7/4/11	71.61	0.12	6660.03	4218.56
Day 5	7/5/11	71.95	0.12	6682.79	4202.66
Day 6	7/6/11	73.90	0.13	6739.06	4211.42
Day 7	7/7/11	78.01	0.13	6914.09	4121.49
Day 8	7/8/11	77.94	0.12	6948.76	4155.18

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

Facility Name	Unit ID No.	Facility ID No.
Flint Hills Resources Pine Bend Refinery	EU-228	MN2B0720

**Daily Average Process Data for a 30 Day Period Including the Testing Date**

NON- CONFIDENTIAL VERSION			FCCU PROCESS PARAMETERS		
	Date	Process Input Rate	Process Variable 1	Process Variable 2	Process Variable 3
Description of Process Variable		Gas Oil Feed Rate	Gas Oil Feed Sulfur	Catalyst Regenerator Air Rate	Catalyst Circulation Rate
Units of Process Variable		MBPD	WT%	MSCFH	TPH

Day 9	7/9/11	78.03	0.12	6957.24	4119.21
Day 10	7/10/11	77.13	0.12	6889.76	4124.25
Day 11	7/11/11	56.83	0.14	6127.53	3443.52
Day 12	7/12/11	58.08	0.19	5918.56	3454.58
Day 13	7/13/11	59.50	0.22	5928.13	3753.56
Day 14	7/14/11	60.96	0.18	5921.32	3770.71
Day 15	7/15/11	62.87	0.16	5967.17	3884.34
Day 16	7/16/11	66.44	0.15	6153.83	4043.69

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

Facility Name	Unit ID No.	Facility ID No.
Flint Hills Resources Pine Bend Refinery	EU-228	MN2B0720

**Daily Average Process Data for a 30 Day Period Including the Testing Date**

NON- CONFIDENTIAL VERSION			FCCU PROCESS PARAMETERS		
	Date	Process Input Rate	Process Variable 1	Process Variable 2	Process Variable 3
Description of Process Variable		Gas Oil Feed Rate	Gas Oil Feed Sulfur	Catalyst Regenerator Air Rate	Catalyst Circulation Rate
Units of Process Variable		MBPD	WT%	MSCFH	TPH

Day 17	7/17/11	80.08	0.14	7110.39	3871.62
Day 18	7/18/11	78.76	0.14	6881.82	3758.61
Day 19	7/19/11	80.00	0.13	7074.66	3851.29
Day 20	7/20/11	79.57	0.13	7016.42	3820.21
Day 21	7/21/11	80.63	0.13	6934.27	3822.00
Day 22	7/22/11	80.48	0.14	7032.98	3757.78
Day 23	7/23/11	80.63	0.13	7039.41	3765.60
Day 24	7/24/11	80.71	0.14	6967.03	3747.89

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

Facility Name	Unit ID No.	Facility ID No.
Flint Hills Resources Pine Bend Refinery	EU-228	MN2B0720

**Daily Average Process Data for a 30 Day Period Including the Testing Date**

NON- CONFIDENTIAL VERSION			FCCU PROCESS PARAMETERS		
	Date	Process Input Rate	Process Variable 1	Process Variable 2	Process Variable 3
Description of Process Variable		Gas Oil Feed Rate	Gas Oil Feed Sulfur	Catalyst Regenerator Air Rate	Catalyst Circulation Rate
Units of Process Variable		MBPD	WT%	MSCFH	TPH

Day 25	7/25/11	80.63	0.14	6957.39	3750.91
Day 26	7/26/11	80.32	0.13	6969.11	3798.37
Day 27	7/27/11	80.31	0.13	7148.15	3855.80
Day 28	7/28/11	79.78	0.11	7100.93	3828.47
Day 29	7/29/11	77.88	0.12	6861.07	3854.83
Day 30	7/30/11	77.87	0.13	6906.30	3815.41

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
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**Daily Average Process**

NON- CONFIDENTIAL VERSION					
	Date	Process Variable 4	Process Variable 5	Process Variable 6	Process Variable 7
Description of Process Variable		Coke Burnoff Rate	Main Air Blower Rate	Bypass Air Flow	Aux Air Blower Rate
Units of Process Variable		MLB/HR	MSCFM	SCFM	MSCFM

Day 1	7/1/11	34.68	99.82	4503.57	16.56
Day 2	7/2/11	36.19	101.93	4495.99	17.03
Day 3	7/3/11	36.15	100.90	4488.89	17.18
Day 4	7/4/11	36.22	102.02	4484.80	16.98
Day 5	7/5/11	36.56	102.12	4300.00	16.98
Day 6	7/6/11	36.96	102.42	4213.98	17.01
Day 7	7/7/11	37.37	102.89	1807.60	16.83
Day 8	7/8/11	37.70	103.42	1176.86	16.64



Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION					
	Date	Process Variable 4	Process Variable 5	Process Variable 6	Process Variable 7
Description of Process Variable		Coke Burnoff Rate	Main Air Blower Rate	Bypass Air Flow	Aux Air Blower Rate
Units of Process Variable		MLB/HR	MSCFM	SCFM	MSCFM

Day 9	7/9/11	37.47	103.98	999.87	16.50
Day 10	7/10/11	36.93	102.84	1178.56	16.57
Day 11	7/11/11	29.13	105.75	4014.25	1.55
Day 12	7/12/11	29.01	102.12	4251.59	0.82
Day 13	7/13/11	29.02	101.98	4282.12	0.79
Day 14	7/14/11	29.77	101.98	4274.62	0.77
Day 15	7/15/11	31.21	102.00	3062.16	0.77
Day 16	7/16/11	33.08	103.60	1025.36	0.77

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION					
	Date	Process Variable 4	Process Variable 5	Process Variable 6	Process Variable 7
Description of Process Variable		Coke Burnoff Rate	Main Air Blower Rate	Bypass Air Flow	Aux Air Blower Rate
Units of Process Variable		MLB/HR	MSCFM	SCFM	MSCFM

Day 17	7/17/11	38.19	114.76	1840.44	8.61
Day 18	7/18/11	36.93	103.63	1207.19	16.55
Day 19	7/19/11	37.60	106.41	946.28	16.44
Day 20	7/20/11	37.02	105.82	802.73	16.23
Day 21	7/21/11	37.26	103.56	1218.66	16.75
Day 22	7/22/11	37.45	104.76	952.86	16.73
Day 23	7/23/11	37.69	103.98	653.34	16.84
Day 24	7/24/11	37.74	102.45	830.00	17.04

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
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**Daily Average Process**

NON- CONFIDENTIAL VERSION					
	Date	Process Variable 4	Process Variable 5	Process Variable 6	Process Variable 7
Description of Process Variable		Coke Burnoff Rate	Main Air Blower Rate	Bypass Air Flow	Aux Air Blower Rate
Units of Process Variable		MLB/HR	MSCFM	SCFM	MSCFM

Day 25	7/25/11	37.39	103.27	849.29	16.78
Day 26	7/26/11	37.71	102.88	848.97	16.85
Day 27	7/27/11	38.40	105.97	428.02	16.62
Day 28	7/28/11	37.80	104.96	105.04	16.64
Day 29	7/29/11	36.68	100.91	55.92	16.91
Day 30	7/30/11	36.75	102.00	100.65	16.83

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
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**Daily Average Process**

NON- CONFIDENTIAL VERSION		COKE BURN OFF PARAMETERS			
	Date	Process Variable 8	Process Variable 9	Process Variable 10	Process Variable 11
Description of Process Variable		Ambient Temperature	Main Air Temperature	Main Air Pressure	Flue Gas CO (low range)
Units of Process Variable		°F	°F	PSIG	%

Day 1	7/1/11	88.43	395.14	38.89	0.12
Day 2	7/2/11	81.59	381.43	38.22	0.09
Day 3	7/3/11	77.36	375.18	38.00	0.10
Day 4	7/4/11	81.74	382.68	38.19	0.13
Day 5	7/5/11	80.81	381.56	38.29	0.14
Day 6	7/6/11	76.13	377.63	38.77	0.17
Day 7	7/7/11	75.76	383.54	39.70	0.19
Day 8	7/8/11	79.84	391.99	40.03	0.21

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION		COKE BURN OFF PARAMETERS			
	Date	Process Variable 8	Process Variable 9	Process Variable 10	Process Variable 11
Description of Process Variable		Ambient Temperature	Main Air Temperature	Main Air Pressure	Flue Gas CO (low range)
Units of Process Variable		°F	°F	PSIG	%

Day 9	7/9/11	84.59	399.41	40.18	0.23
Day 10	7/10/11	82.58	392.99	39.48	0.23
Day 11	7/11/11	81.58	387.55	34.09	0.13
Day 12	7/12/11	71.47	365.91	33.43	0.06
Day 13	7/13/11	67.00	357.13	33.17	0.07
Day 14	7/14/11	68.24	359.78	33.14	0.07
Day 15	7/15/11	72.76	370.37	33.90	0.12
Day 16	7/16/11	77.45	382.77	34.69	0.19

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
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**Daily Average Process**

NON- CONFIDENTIAL VERSION		COKE BURN OFF PARAMETERS			
	Date	Process Variable 8	Process Variable 9	Process Variable 10	Process Variable 11
Description of Process Variable		Ambient Temperature	Main Air Temperature	Main Air Pressure	Flue Gas CO (low range)
Units of Process Variable		°F	°F	PSIG	%

Day 17	7/17/11	87.72	419.30	39.18	0.21
Day 18	7/18/11	89.73	398.81	38.50	0.21
Day 19	7/19/11	87.26	401.32	39.27	0.21
Day 20	7/20/11	91.26	407.04	39.21	0.19
Day 21	7/21/11	82.47	389.88	38.62	0.19
Day 22	7/22/11	80.04	388.65	38.90	0.20
Day 23	7/23/11	75.64	380.63	38.85	0.20
Day 24	7/24/11	73.04	374.26	38.68	0.20

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION		COKE BURN OFF PARAMETERS			
	Date	Process Variable 8	Process Variable 9	Process Variable 10	Process Variable 11
Description of Process Variable		Ambient Temperature	Main Air Temperature	Main Air Pressure	Flue Gas CO (low range)
Units of Process Variable		°F	°F	PSIG	%

Day 25	7/25/11	80.41	386.87	38.90	0.18
Day 26	7/26/11	74.86	379.58	38.97	0.18
Day 27	7/27/11	77.74	389.04	39.45	0.16
Day 28	7/28/11	79.90	391.24	39.52	0.16
Day 29	7/29/11	82.03	385.92	38.62	0.14
Day 30	7/30/11	83.80	388.88	38.62	0.15

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
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**Daily Average Process**

NON- CONFIDENTIAL VERSION					
	Date	Process Variable 12	Process Variable 13	Process Variable 14	Process Variable 15
Description of Process Variable		Flue Gas CO (high range)	Flue Gas CO2	Flue Gas N2	Flue Gas O2
Units of Process Variable		%	%	%	%

Day 1	7/1/11	0.12	17.11	80.73	1.41
Day 2	7/2/11	0.09	17.18	80.93	1.60
Day 3	7/3/11	0.10	17.23	81.15	1.39
Day 4	7/4/11	0.13	17.16	81.70	1.38
Day 5	7/5/11	0.14	17.22	81.77	1.35
Day 6	7/6/11	0.17	17.14	81.63	1.34
Day 7	7/7/11	0.19	17.02	81.06	1.38
Day 8	7/8/11	0.21	17.06	81.57	1.44



Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION					
	Date	Process Variable 12	Process Variable 13	Process Variable 14	Process Variable 15
Description of Process Variable		Flue Gas CO (high range)	Flue Gas CO2	Flue Gas N2	Flue Gas O2
Units of Process Variable		%	%	%	%

Day 9	7/9/11	0.23	17.04	81.90	1.32
Day 10	7/10/11	0.23	16.97	81.93	1.30
Day 11	7/11/11	0.14	14.85	81.65	1.81
Day 12	7/12/11	0.06	15.26	80.66	3.73
Day 13	7/13/11	0.07	15.27	80.89	3.29
Day 14	7/14/11	0.07	15.62	81.17	2.72
Day 15	7/15/11	0.12	16.22	82.01	2.13
Day 16	7/16/11	0.19	16.74	82.12	1.42

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
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**Daily Average Process**

NON- CONFIDENTIAL VERSION					
	Date	Process Variable 12	Process Variable 13	Process Variable 14	Process Variable 15
Description of Process Variable		Flue Gas CO (high range)	Flue Gas CO2	Flue Gas N2	Flue Gas O2
Units of Process Variable		%	%	%	%

Day 17	7/17/11	0.21	16.95	82.01	1.52
Day 18	7/18/11	0.21	16.86	81.74	1.46
Day 19	7/19/11	0.21	16.94	81.36	1.47
Day 20	7/20/11	0.19	16.84	81.86	1.46
Day 21	7/21/11	0.19	16.83	81.26	1.32
Day 22	7/22/11	0.20	16.93	81.97	1.47
Day 23	7/23/11	0.20	16.90	81.97	1.47
Day 24	7/24/11	0.20	16.91	81.90	1.69

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION					
	Date	Process Variable 12	Process Variable 13	Process Variable 14	Process Variable 15
Description of Process Variable		Flue Gas CO (high range)	Flue Gas CO2	Flue Gas N2	Flue Gas O2
Units of Process Variable		%	%	%	%

Day 25	7/25/11	0.18	16.86	81.63	2.03
Day 26	7/26/11	0.18	16.92	81.04	1.54
Day 27	7/27/11	0.16	16.94	82.00	1.48
Day 28	7/28/11	0.16	16.84	81.99	1.42
Day 29	7/29/11	0.14	16.86	81.65	1.52
Day 30	7/30/11	0.15	16.85	80.80	1.45

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION					
	Date	Process Variable 16	Process Variable 17	Process Variable 18	Process Variable 19
Description of Process Variable		Opacity	ESP Outlet Stack Flow	Stack Ammonia Slip	StackAmmonia Slip
Units of Process Variable		%	MSCFM	ppm	lb/hr

Day 1	7/1/11	175.35	1.96	9.20	4.81
Day 2	7/2/11	169.54	2.19	12.29	6.22
Day 3	7/3/11	169.47	2.13	9.79	4.96
Day 4	7/4/11	169.08	2.21	11.73	5.92
Day 5	7/5/11	169.69	2.35	10.95	5.55
Day 6	7/6/11	173.62	2.34	11.09	5.76
Day 7	7/7/11	179.58	2.12	11.04	5.92
Day 8	7/8/11	179.97	1.88	9.70	5.21

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION					
	Date	Process Variable 16	Process Variable 17	Process Variable 18	Process Variable 19
Description of Process Variable		Opacity	ESP Outlet Stack Flow	Stack Ammonia Slip	StackAmmonia Slip
Units of Process Variable		%	MSCFM	ppm	lb/hr

Day 9	7/9/11	180.04	1.86	9.91	5.33
Day 10	7/10/11	180.66	1.96	8.66	4.68
Day 11	7/11/11	170.62	2.56	1.01	0.52
Day 12	7/12/11	172.05	2.43	2.84	1.45
Day 13	7/13/11	176.49	1.92	5.84	3.07
Day 14	7/14/11	180.58	1.72	7.41	4.00
Day 15	7/15/11	180.15	1.38	9.92	5.31
Day 16	7/16/11	171.99	1.52	12.57	6.45

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION					
	Date	Process Variable 16	Process Variable 17	Process Variable 18	Process Variable 19
Description of Process Variable		Opacity	ESP Outlet Stack Flow	Stack Ammonia Slip	StackAmmonia Slip
Units of Process Variable		%	MSCFM	ppm	lb/hr

Day 17	7/17/11	175.74	2.04	11.39	5.98
Day 18	7/18/11	172.88	2.05	9.76	5.03
Day 19	7/19/11	176.57	1.86	8.90	4.69
Day 20	7/20/11	175.95	1.97	9.72	5.11
Day 21	7/21/11	174.62	2.17	9.28	4.84
Day 22	7/22/11	177.06	2.07	9.21	4.87
Day 23	7/23/11	176.88	1.79	8.43	4.45
Day 24	7/24/11	174.86	1.88	10.46	5.46

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION					
	Date	Process Variable 16	Process Variable 17	Process Variable 18	Process Variable 19
Description of Process Variable		Opacity	ESP Outlet Stack Flow	Stack Ammonia Slip	StackAmmonia Slip
Units of Process Variable		%	MSCFM	ppm	lb/hr

Day 25	7/25/11	175.16	2.17	8.62	4.51
Day 26	7/26/11	177.33	2.13	7.41	3.92
Day 27	7/27/11	178.47	1.86	8.68	4.63
Day 28	7/28/11	178.27	2.10	7.41	3.95
Day 29	7/29/11	174.00	1.95	9.45	4.91
Day 30	7/30/11	174.69	2.02	10.36	5.40

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION		ELECTROSTATIC P				
	Date	Process Variable 20	Process Variable 21	Process Variable 22	Process Variable 23	Process Variable 24
Description of Process Variable		North Set T-R #1	North Set T-R #2	North Set T-R #3	North Set T-R #4	North Set T-R #5
Units of Process Variable		Volts (V)	Volts (V)	Volts (V)	Volts (V)	Volts (V)

Day 1	7/1/11	234.16	0.00	219.28	292.77	245.18
Day 2	7/2/11	236.00	0.00	222.83	293.26	247.14
Day 3	7/3/11	236.37	0.00	222.79	296.81	246.92
Day 4	7/4/11	236.90	0.00	226.13	308.78	249.99
Day 5	7/5/11	237.48	0.00	228.90	307.36	250.45
Day 6	7/6/11	237.12	0.00	227.49	301.59	249.43
Day 7	7/7/11	236.08	0.00	234.72	305.84	249.15
Day 8	7/8/11	235.40	0.00	229.36	304.27	247.87



Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION		ELECTROSTATIC P				
	Date	Process Variable 20	Process Variable 21	Process Variable 22	Process Variable 23	Process Variable 24
Description of Process Variable		North Set T-R #1	North Set T-R #2	North Set T-R #3	North Set T-R #4	North Set T-R #5
Units of Process Variable		Volts (V)	Volts (V)	Volts (V)	Volts (V)	Volts (V)

Day 9	7/9/11	235.22	0.00	233.93	308.09	248.05
Day 10	7/10/11	235.64	0.00	237.55	304.89	247.99
Day 11	7/11/11	209.44	0.00	171.73	185.79	196.85
Day 12	7/12/11	217.85	0.00	175.50	180.09	201.05
Day 13	7/13/11	232.35	0.00	199.45	255.22	230.20
Day 14	7/14/11	232.93	0.00	205.73	274.75	234.88
Day 15	7/15/11	232.78	0.00	209.98	284.90	240.76
Day 16	7/16/11	237.07	0.00	232.97	303.61	251.63

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION		ELECTROSTATIC P				
	Date	Process Variable 20	Process Variable 21	Process Variable 22	Process Variable 23	Process Variable 24
Description of Process Variable		North Set T-R #1	North Set T-R #2	North Set T-R #3	North Set T-R #4	North Set T-R #5
Units of Process Variable		Volts (V)	Volts (V)	Volts (V)	Volts (V)	Volts (V)

Day 17	7/17/11	236.69	0.00	221.20	294.82	251.30
Day 18	7/18/11	236.17	0.00	212.33	290.33	247.20
Day 19	7/19/11	235.59	0.00	214.49	297.72	246.31
Day 20	7/20/11	233.61	0.00	214.17	287.84	243.57
Day 21	7/21/11	231.32	0.00	211.93	275.31	240.36
Day 22	7/22/11	232.94	0.00	218.71	286.69	242.63
Day 23	7/23/11	232.93	0.00	213.53	281.07	241.46
Day 24	7/24/11	233.20	0.00	218.41	287.46	242.15

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION		ELECTROSTATIC P				
	Date	Process Variable 20	Process Variable 21	Process Variable 22	Process Variable 23	Process Variable 24
Description of Process Variable		North Set T-R #1	North Set T-R #2	North Set T-R #3	North Set T-R #4	North Set T-R #5
Units of Process Variable		Volts (V)	Volts (V)	Volts (V)	Volts (V)	Volts (V)

Day 25	7/25/11	232.57	0.00	218.74	280.42	241.49
Day 26	7/26/11	230.32	0.00	209.78	273.99	237.18
Day 27	7/27/11	231.10	0.00	217.17	285.57	239.83
Day 28	7/28/11	231.61	0.00	212.42	278.65	238.71
Day 29	7/29/11	231.93	0.00	213.80	287.45	239.58
Day 30	7/30/11	233.37	0.00	224.69	300.31	243.62

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION		RECIPITATOR CONTROL EQUIPMENT PARAMETERS			
	Date	Process Variable 25	Process Variable 26	Process Variable 27	Process Variable 28
Description of Process Variable		North Set T-R #6	North Set T-R #7	North Set T-R #8	South Set T-R #1
Units of Process Variable		Volts (V)	Volts (V)	Volts (V)	Volts (V)

Day 1	7/1/11	0.00	176.99	170.38	175.66
Day 2	7/2/11	0.00	177.89	174.36	172.69
Day 3	7/3/11	0.00	178.14	173.11	171.75
Day 4	7/4/11	0.00	182.34	176.23	172.56
Day 5	7/5/11	0.00	184.25	176.63	171.20
Day 6	7/6/11	0.00	180.42	174.03	171.68
Day 7	7/7/11	0.00	185.64	176.84	173.38
Day 8	7/8/11	0.00	182.69	177.09	173.83

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION		RECIPITATOR CONTROL EQUIPMENT PARAMETERS			
	Date	Process Variable 25	Process Variable 26	Process Variable 27	Process Variable 28
Description of Process Variable		North Set T-R #6	North Set T-R #7	North Set T-R #8	South Set T-R #1
Units of Process Variable		Volts (V)	Volts (V)	Volts (V)	Volts (V)

Day 9	7/9/11	0.00	182.81	176.08	173.66
Day 10	7/10/11	0.00	181.49	177.24	173.47
Day 11	7/11/11	0.00	131.58	120.61	165.95
Day 12	7/12/11	0.00	123.46	115.60	175.81
Day 13	7/13/11	0.00	159.30	154.62	174.83
Day 14	7/14/11	0.00	166.40	162.65	174.44
Day 15	7/15/11	0.00	172.49	167.90	172.60
Day 16	7/16/11	0.00	182.49	178.92	170.57

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION		RECIPITATOR CONTROL EQUIPMENT PARAMETERS			
	Date	Process Variable 25	Process Variable 26	Process Variable 27	Process Variable 28
Description of Process Variable		North Set T-R #6	North Set T-R #7	North Set T-R #8	South Set T-R #1
Units of Process Variable		Volts (V)	Volts (V)	Volts (V)	Volts (V)

Day 17	7/17/11	0.00	184.50	180.81	171.58
Day 18	7/18/11	0.00	179.20	174.19	171.67
Day 19	7/19/11	0.00	180.45	175.30	171.28
Day 20	7/20/11	0.00	178.22	171.46	173.91
Day 21	7/21/11	0.00	176.49	167.32	174.18
Day 22	7/22/11	0.00	179.38	172.72	172.99
Day 23	7/23/11	0.00	176.53	168.30	172.93
Day 24	7/24/11	0.00	177.06	170.95	172.71

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION		RECIPITATOR CONTROL EQUIPMENT PARAMETERS			
	Date	Process Variable 25	Process Variable 26	Process Variable 27	Process Variable 28
Description of Process Variable		North Set T-R #6	North Set T-R #7	North Set T-R #8	South Set T-R #1
Units of Process Variable		Volts (V)	Volts (V)	Volts (V)	Volts (V)

Day 25	7/25/11	0.00	177.25	169.81	172.88
Day 26	7/26/11	0.00	169.04	162.22	173.99
Day 27	7/27/11	0.00	173.38	167.33	173.26
Day 28	7/28/11	0.00	170.69	164.73	173.63
Day 29	7/29/11	0.00	171.30	166.42	173.15
Day 30	7/30/11	0.00	176.95	171.29	172.03

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION						
	Date	Process Variable 29	Process Variable 30	Process Variable 31	Process Variable 32	Process Variable 33
Description of Process Variable		South Set T-R #2	South Set T-R #3	South Set T-R #4	South Set T-R #5	South Set T-R #6
Units of Process Variable		Volts (V)	Volts (V)	Volts (V)	Volts (V)	Volts (V)

Day 1	7/1/11	166.49	156.15	158.98	156.67	182.19
Day 2	7/2/11	167.95	157.63	157.49	156.05	182.97
Day 3	7/3/11	167.81	157.01	156.45	155.07	183.15
Day 4	7/4/11	167.56	156.59	156.77	155.57	182.90
Day 5	7/5/11	167.97	156.29	157.21	156.80	182.60
Day 6	7/6/11	167.82	156.35	156.91	156.42	182.70
Day 7	7/7/11	166.86	157.03	158.58	156.96	182.73
Day 8	7/8/11	166.68	156.84	161.41	156.93	183.08



Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION						
	Date	Process Variable 29	Process Variable 30	Process Variable 31	Process Variable 32	Process Variable 33
Description of Process Variable		South Set T-R #2	South Set T-R #3	South Set T-R #4	South Set T-R #5	South Set T-R #6
Units of Process Variable		Volts (V)	Volts (V)	Volts (V)	Volts (V)	Volts (V)

Day 9	7/9/11	166.36	157.33	160.98	157.25	182.82
Day 10	7/10/11	166.65	156.86	160.16	156.76	182.53
Day 11	7/11/11	144.09	155.00	159.43	156.75	163.53
Day 12	7/12/11	152.43	160.91	161.39	163.63	160.42
Day 13	7/13/11	162.43	156.98	154.66	156.71	180.85
Day 14	7/14/11	163.40	156.22	155.56	155.39	181.54
Day 15	7/15/11	165.03	156.29	156.26	155.77	182.37
Day 16	7/16/11	166.69	155.21	155.72	155.80	181.56

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION						
	Date	Process Variable 29	Process Variable 30	Process Variable 31	Process Variable 32	Process Variable 33
Description of Process Variable		South Set T-R #2	South Set T-R #3	South Set T-R #4	South Set T-R #5	South Set T-R #6
Units of Process Variable		Volts (V)	Volts (V)	Volts (V)	Volts (V)	Volts (V)

Day 17	7/17/11	165.98	157.00	156.72	156.35	183.08
Day 18	7/18/11	165.95	156.85	157.19	156.08	182.95
Day 19	7/19/11	166.18	156.73	156.82	155.79	183.03
Day 20	7/20/11	164.89	157.56	80.13	156.89	181.98
Day 21	7/21/11	165.04	158.10	166.14	164.91	182.21
Day 22	7/22/11	165.45	157.69	163.67	160.27	182.28
Day 23	7/23/11	165.83	157.13	162.42	159.12	182.17
Day 24	7/24/11	166.05	157.41	162.04	158.23	182.61

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION						
	Date	Process Variable 29	Process Variable 30	Process Variable 31	Process Variable 32	Process Variable 33
Description of Process Variable		South Set T-R #2	South Set T-R #3	South Set T-R #4	South Set T-R #5	South Set T-R #6
Units of Process Variable		Volts (V)	Volts (V)	Volts (V)	Volts (V)	Volts (V)

Day 25	7/25/11	165.79	157.29	161.32	158.11	182.26
Day 26	7/26/11	165.39	158.02	161.63	158.31	182.08
Day 27	7/27/11	165.56	157.95	161.21	158.08	182.13
Day 28	7/28/11	165.97	157.44	160.59	158.49	182.13
Day 29	7/29/11	166.20	157.45	161.41	159.81	182.31
Day 30	7/30/11	166.76	156.39	160.64	158.54	183.33

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills  
Resources Pine  
Bend Refinery

EU-228

**Daily Average Process**

NON- CONFIDENTIAL VERSION			
	Date	Process Variable 34	Process Variable 35
Description of Process Variable		South Set T-R #7	South Set T-R #8
Units of Process Variable		Volts (V)	Volts (V)

Day 1	7/1/11	160.10	169.48
Day 2	7/2/11	158.86	166.97
Day 3	7/3/11	160.88	166.18
Day 4	7/4/11	162.08	165.85
Day 5	7/5/11	161.66	165.82
Day 6	7/6/11	161.84	166.02
Day 7	7/7/11	162.17	167.60
Day 8	7/8/11	162.41	168.93

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills  
Resources Pine  
Bend Refinery

EU-228

**Daily Average Process**

NON- CONFIDENTIAL VERSION			
	Date	Process Variable 34	Process Variable 35
Description of Process Variable		South Set T-R #7	South Set T-R #8
Units of Process Variable		Volts (V)	Volts (V)

Day 9	7/9/11	162.47	169.20
Day 10	7/10/11	163.14	168.83
Day 11	7/11/11	137.27	155.01
Day 12	7/12/11	132.05	146.21
Day 13	7/13/11	150.67	166.25
Day 14	7/14/11	151.99	167.84
Day 15	7/15/11	157.52	167.17
Day 16	7/16/11	160.72	164.72

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills Resources Pine Bend Refinery	EU-228
--	--------

**Daily Average Process**

NON- CONFIDENTIAL VERSION			
	Date	Process Variable 34	Process Variable 35
Description of Process Variable		South Set T-R #7	South Set T-R #8
Units of Process Variable		Volts (V)	Volts (V)

Day 17	7/17/11	162.07	167.02
Day 18	7/18/11	159.21	167.97
Day 19	7/19/11	160.43	168.32
Day 20	7/20/11	158.96	167.89
Day 21	7/21/11	158.34	168.63
Day 22	7/22/11	159.95	169.06
Day 23	7/23/11	158.51	167.39
Day 24	7/24/11	158.89	168.95

Form Approved 03/28/2011  
OMB Control No. 2060-0657  
Approval Expires 03/31/2016

**Facility Name**      **Unit ID No.**

Flint Hills  
Resources Pine  
Bend Refinery

EU-228

**Daily Average Process**

NON- CONFIDENTIAL VERSION			
	Date	Process Variable 34	Process Variable 35
Description of Process Variable		South Set T-R #7	South Set T-R #8
Units of Process Variable		Volts (V)	Volts (V)

Day 25	7/25/11	159.30	168.32
Day 26	7/26/11	156.40	168.36
Day 27	7/27/11	159.82	168.47
Day 28	7/28/11	158.88	168.92
Day 29	7/29/11	158.24	169.17
Day 30	7/30/11	160.73	168.77