

Plant Allen In-process Data from 3/13/09 to 5/31/11

Date	Heat Exchanger In Temp (F)	Heat Exchanger Out Temp (F)	Effluent Tank Temp (F)	Nitrates Physchem Effluent (oom)	Nitrates Biochem Effluent (oom)	TSS Physchem Effluent (oom)	TSS Biochem Effluent (oom)	Forwarding Pumps (gpd)	BioEffluent (gpd)
03/13/09	75.9	75.2	68.0					29221	30231
03/14/09	78.6	76.3	62.7					9220	0
03/15/09	79.3	77.8	58.0					22583	18157
03/16/09	78.8	75.7	61.4	6.0	BDL	9	12	178848	153568
03/17/09	66.2	66.0	64.3	6.6	BDL	6	4	233826	205976
03/18/09	79.6	79.4	62.6	4.8	BDL	2	1	232832	244363
03/19/09	88.7	88.6	72.0	5.5	BDL	1	1	224850	233898
03/20/09	89.2	89.1	79.0	6.5	BDL	12	1	231843	235719
03/21/09	85.0	83.8	80.9					113066	162400
03/22/09	80.2	79.0	78.1	5.0	BDL	1	1	155959	111201
03/23/09	80.8	80.7	77.5	6.6	BDL	1	1	220149	227485
03/24/09	85.1	84.0	76.1	5.6	BDL	7	10	225449	231507
03/25/09	89.8	89.8	77.0					239965	250106
03/26/09	89.3	88.9	77.9					255430	268935
03/27/09	91.2	91.1	81.9	BDL	BDL	5	1	233552	243032
03/28/09	89.5	89.0	80.8	8.3	BDL	17	12	182333	194815
03/29/09	85.9	84.8	79.2					114130	116042
03/30/09	82.5	81.2	78.7					166532	173395
03/31/09	82.0	81.7	78.9	7.6		7	56	265840	242326
04/01/09	82.3	82.4	77.5	6.5	BDL	10	12	159382	163533
04/02/09	81.0	79.3	74.5					55566	48116
04/03/09	84.0	84.0	77.7	8.4		5	46	244700	266194
04/04/09	85.8	84.2	77.8					191632	203899
04/05/09	80.3	80.7	78.1					63893	66042
04/06/09	75.7	75.9	75.2					120557	117627
04/07/09	80.1	79.9	76.4	9.0	BDL	4	4	179235	176681
04/08/09	79.2	77.0	70.7	6.5	BDL	1	1	183492	141934
04/09/09	77.8	72.1	70.5	2.8	BDL	15	8	47679	48607
04/10/09	73.8	73.6	71.6					211919	219561
04/11/09	78.1	79.0	68.7					217038	229307
04/12/09	80.2	80.2	71.1					176080	179760
04/13/09	80.6	80.6	72.1		BDL		44	200715	208051
04/14/09	79.6	79.1	72.3					137317	141134
04/15/09	80.5	80.9	73.7					220302	184460
04/16/09	79.1	81.6	73.8		BDL		14	233361	191194
04/17/09	83.3	83.1	73.7	10.7	BDL	13	30	262400	201897
04/18/09	84.1	84.0	76.8					250639	249034
04/19/09	82.8	83.5	77.0	9.3	BDL	BDL	BDL	189640	195220
04/20/09	80.5	80.9	76.9					34274	35093
04/21/09	83.8	81.9	73.7					118780	70914
04/22/09	78.2	78.0	76.4	8.2	BDL	37	52	231594	187639
04/23/09	81.2	81.1	74.6	9.3	BDL	39	30	230742	226024
04/24/09	84.4	84.4	76.3	11.5	BDL	11	1	172567	170641
04/25/09	86.2	86.2	78.1					177632	119883
04/26/09	84.0	85.2	78.9					94803	114488
04/27/09	88.2	88.3	80.9					89265	99119

04/28/09	86.9	86.5	81.5					168183	155673
04/29/09	86.4	86.2	81.3					97138	68307
04/30/09	85.6	85.4	79.9					138239	112952
05/01/09	83.7	83.1	80.5	16.5	BDL	56	56	55380	47139
05/02/09	85.1	86.5	81.7	13.0	BDL	43	32	203647	210499
05/03/09	89.8	89.8	82.2	16.5	BDL	56	56	228600	236125
05/04/09	86.8	86.2	82.0					29228	27948
05/05/09	86.5	87.3	82.1					152816	162704
05/06/09	85.4	86.6	79.7	17.3	BDL	32	32	225933	234285
05/07/09	89.0	89.0	78.1	18.0	BDL	67	68	299226	307123
05/08/09	93.4	93.3	81.5	19.6	BDL	9	16	372783	360708
05/09/09	95.0	92.7	85.8	16.9	BDL	209	18	371617	339515
05/10/09	98.2	94.9	89.8	15.5	BDL	1	10	273109	276892
05/11/09	96.1	94.9	87.2	9.4	BDL	43	56	282013	294213
05/12/09	93.7	93.6	85.9	12.9	BDL	28	66	259313	268776
05/13/09	93.2	93.3	85.6	13.0	BDL	2	12	188641	200714
05/14/09	88.8	91.1	85.4	11.4	BDL	3	2	238398	231655
05/15/09	94.6	94.8	85.5	10.2	BDL	34	68	258282	245792
05/16/09	95.9	94.9	86.9	10.2	BDL	1	1	258884	250214
05/17/09	95.9	94.7	87.4	9.9	BDL	22	34	295227	310627
05/18/09	88.0	91.8	86.8	12.9	BDL	6	16	317420	321578
05/19/09	88.9	89.2	85.1	8.6	BDL	12	14	369876	343479
05/20/09	88.6	89.2	83.0					129990	102632
05/21/09	82.7	85.7	82.1					98806	80497
05/22/09	79.5	79.1	79.3					0	0
05/23/09	79.5	80.3	78.6					96479	65784
05/24/09	79.5	79.9	79.9					0	0
05/25/09	78.7	78.1	77.5					0	0
05/26/09	80.2	80.9	78.3					80197	66835
05/27/09	79.4	79.9	79.9					0	0
05/28/09	79.4	80.3	78.5					62747	58639
05/29/09	81.2	80.8	78.2					98742	97880
05/30/09	80.9	81.0	77.6					258284	272163
05/31/09	80.9	81.1	76.7					265076	255872
06/01/09	82.9	83.0	80.0	2.7	BDL	1	1	270725	235662
06/02/09	83.0	84.3	79.4					116641	110413
06/03/09	89.1	90.4	80.9	5.2	BDL	8	34	341530	346228
06/04/09	97.7	94.9	84.5	8.7	BDL	7	2	371103	357308
06/05/09	97.3	94.9	88.6	17.5	BDL	8	20	312026	301926
06/06/09	97.1	93.4	88.6					113842	123441
06/07/09	94.2	94.4	87.7					134496	141340
06/08/09	95.0	94.9	87.3	24.7	BDL	11	4	295516	312167
06/09/09	98.1	94.7	90.4	25.3	BDL	10	8	302636	327275
06/10/09	100.2	93.3	92.8	36.4	BDL	14	2	399170	392778
06/11/09	104.8	95.3	94.6	29.3	BDL	32	14	447384	423658
06/12/09	105.3	93.5	94.3	35.0	BDL	21	2	485852	365500
06/13/09	106.0	95.3	95.0	49.6	BDL	17	24	485625	381932
06/14/09	100.1	94.3	93.4	37.9	6.5	1	1	336594	289105
06/15/09	91.8	94.1	91.9	14.2	BDL	1	18	113404	99696
06/16/09	96.4	95.0	92.0					259686	266420
06/17/09	93.5	93.4	90.1	33.2	BDL	9	12	110913	134635
06/18/09	94.0	93.8	90.1	27.8	BDL	10	4	251337	205367

06/19/09	97.2	94.6	92.0	24.0	BDL	9	24	375680	327346
06/20/09	102.8	94.3	94.2	34.5	BDL	25	22	396687	360240
06/21/09	103.9	95.1	95.0	26.0	BDL	21	22	363196	315430
06/22/09	103.0	95.4	94.3	40.6	BDL	2	12	293246	280402
06/23/09	102.1	94.3	94.6					348907	302078
06/24/09	103.0	95.3	93.9	18.9	BDL	9	10	459050	425023
06/25/09	104.0	92.6	94.4	17.7	BDL	17	4	568779	502865
06/26/09	108.1	95.0	96.9	16.3	BDL	2	2	618235	536663
06/27/09	107.2	95.1	96.9	17.8	BDL	12	14	468594	403684
06/28/09	106.0	96.2	95.6	26.8	BDL	13	14	462828	434964
06/29/09	97.0	93.7	92.6	34.5	BDL	20	30	392694	393733
06/30/09	106.2	95.0	95.8	38.9	BDL	42	72	401688	414857
07/01/09	102.1	95.0	94.2	31.4	BDL	1	1	324329	290771
07/02/09	104.8	95.0	94.9	37.9	BDL	2	6	418931	371842
07/03/09	104.3	94.8	95.2	36.7	BDL	6	28	500559	444429
07/04/09	100.4	94.7	94.4	34.0	BDL	24	44	518941	479681
07/05/09	98.6	94.9	93.8	34.8	BDL	2	2	482364	461703
07/06/09	100.0	95.0	93.6	28.7	BDL	3	10	438939	426080
07/07/09	101.9	94.8	94.1	23.8	BDL	23	44	385738	362068
07/08/09	103.1	92.8	94.0	23.8	BDL	8	10	405665	366798
07/09/09	102.8	94.7	93.2	21.1	BDL	5	12	361915	355336
07/10/09	95.4	95.7	91.4			1	1	217654	224852
07/11/09	95.6	93.3	90.4	18.1	BDL	12	28	194328	169022
07/12/09	97.6	94.8	90.4	19.7	BDL	14	28	230720	226648
07/13/09	99.8	94.9	91.9	17.0	BDL	1	8	389077	379015
07/14/09	102.7	95.0	93.8			1	1	417962	390841
07/15/09	106.1	93.8	94.5	18.2	BDL	10	1	457461	354229
07/16/09	105.8	94.9	95.1	12.5	BDL	1	6	494818	449246
07/17/09	103.3	94.8	94.6	18.8	BDL	9	24	451157	398120
07/18/09	104.9	94.9	94.6	15.8	BDL	7	4	375312	348752
07/19/09	101.2	96.1	93.8	12.6	BDL	3	6	357119	307796
07/20/09	88.9	91.9	92.5			1	1	240892	218653
07/21/09	98.9	94.7	90.7	16.1	BDL	14	24	363886	328163
07/22/09	96.1	91.9	90.6			1	1	190975	165007
07/23/09	98.6	94.8	91.0	14.1	BDL	9	12	357799	318838
07/24/09	96.1	93.2	91.1			1	1	215135	170441
07/25/09	96.8	93.3	90.7	22.0	BDL	6	12	332539	293629
07/26/09	98.5	94.9	91.5			1	1	355990	332141
07/27/09	101.8	95.1	93.1	21.6	BDL	21	44	408455	353856
07/28/09	105.5	94.8	95.6	21.5	BDL	2	1	452907	432725
07/29/09	106.0	95.3	95.0	19.4	BDL	5	1	375718	344359
07/30/09	104.9	94.7	94.5	16.3	BDL	2	1	418944	386891
07/31/09	104.6	95.0	94.3	24.6	BDL	7	16	497993	493267
08/01/09	106.2	94.8	94.8	29.7	BDL	11	4	500167	457501
08/02/09	106.6	95.2	95.8	24.9	BDL	1	8	483998	433049
08/03/09	107.3	95.0	94.8	22.7	BDL	3	8	416285	412801
08/04/09	107.3	94.8	94.9	27.0	BDL	7	18	444556	414722
08/05/09	107.5	94.8	95.3	29.1	BDL	1	1	434967	348608
08/06/09	104.5	94.5	94.4	26.8	BDL	5	8	439796	361923
08/07/09	104.8	95.0	94.1	24.4	BDL	6	4	379810	371062
08/08/09	103.9	95.0	94.4	21.2	BDL	1	6	382396	345687
08/09/09	105.4	94.9	94.5	24.2	BDL	4	8	445948	401413

08/10/09	106.4	94.8	95.7	28.9	BDL	2	6	431585	353228
08/11/09	107.4	94.9	96.1	28.4	BDL	2	2	457357	412453
08/12/09	107.4	95.9	94.6	29.1	BDL	1	2	506578	451373
08/13/09	105.9	94.9	94.7	30.9	BDL	7	18	487402	432009
08/14/09	108.3	94.9	95.2	45.7	BDL	9	1	515519	422845
08/15/09	107.6	94.4	94.9	48.8	BDL	4	1	376558	331862
08/16/09	100.3	96.0	94.2			1	1	185641	172664
08/17/09	97.7	95.5	91.3	31.1	BDL	8	6	251264	197023
08/18/09	97.3	94.7	92.6	35.9	BDL	1	6	445332	375107
08/19/09	106.0	94.7	94.8	48.1	BDL		8	421828	366947
08/20/09	106.4	93.5	94.9	47.7	BDL	28	8	419760	378505
08/21/09	107.5	94.9	96.9	28.6	BDL	1	8	465985	416671
08/22/09	107.0	94.9	96.4	49.2	BDL	2	2	465355	400965
08/23/09	103.0	95.5	95.0	51.2	BDL	1	4	464581	380408
08/24/09	104.2	94.8	94.7	49.2	BDL	5	10	454815	355581
08/25/09	102.6	94.9	94.5	37.7	BDL	13	12	340770	221107
08/26/09	99.7	94.9	92.0	37.2	BDL	1	8	297043	266776
08/27/09	97.3	93.7	91.6	17.8	BDL	8	1	288148	295144
08/28/09	98.7	94.9	91.7	31.3	BDL	53	152	388330	324246
08/29/09	102.6	95.0	93.3	34.7	BDL	22	16	424141	353705
08/30/09	105.0	95.1	93.5	38.8	BDL	3	34	410170	357181
08/31/09	100.1	93.8	92.1	34.4	BDL	1	4	382132	317999
09/01/09	95.9	94.8	89.5	20.4	BDL	3	28	204678	186298
09/02/09	81.0	79.3	86.1					0	0
09/03/09	76.7	77.3	83.0					0	0
09/04/09	78.7	79.2	83.2					81716	62596
09/05/09	80.4	78.6	83.9					0	0
09/06/09	82.0	79.9	82.2					0	0
09/07/09	80.4	78.0	80.1					41556	17687
09/08/09	79.0	78.7	80.8					87704	90848
09/09/09	86.3	86.2	83.4	14.1	BDL	7	12	443441	401331
09/10/09	100.7	94.1	86.6	18.7	BDL	1	8	547250	492132
09/11/09	103.9	92.1	90.7					469772	435207
09/12/09	99.0	94.8	90.3	25.8	BDL	8	16	314906	254986
09/13/09	91.6	89.9	86.4					76328	49496
09/14/09	95.2	94.9	87.0	23.0	BDL	1	1	348663	264485
09/15/09	95.3	94.7	87.0	27.1	BDL	1	1	353457	287465
09/16/09	101.4	94.4	91.3	25.3	BDL	5	12	475477	445340
09/17/09	103.8	94.7	92.1	22.9	BDL	1	2	455053	411662
09/18/09	104.9	95.9	91.2					608351	473059
09/19/09	99.0	95.0	90.9	18.1	BDL	1	12	376845	362393
09/20/09	98.6	94.9	89.3	19.9	BDL	4	1	389679	316364
09/21/09	89.0	94.6	88.7	20.2	BDL	1	8	361676	312032
09/22/09	99.5	94.9	91.0	21.2	BDL	5	10	433893	375704
09/23/09	100.3	94.9	91.2	20.0	BDL	1	1	392176	337703
09/24/09	101.3	93.7	91.8	20.6	BDL	1	1	428554	331665
09/25/09	101.9	94.9	92.9	22.4	BDL	1	2	369844	318645
09/26/09	100.8	94.9	91.7	26.0	BDL	2	6	494307	411565
09/27/09	95.7	94.9	88.9					166164	148813
09/28/09	76.3	74.4	84.1					0	0
09/29/09	74.2	73.3	80.0					0	0
09/30/09	71.5	69.8	77.2					90082	55375

10/01/09	73.2	71.1	78.0					0	0
10/02/09	69.8	68.5	73.7					0	0
10/03/09	74.4	75.6	73.8					73499	66512
10/04/09	68.7	68.5	75.3					0	0
10/05/09	66.7	68.6	74.2					58983	57281
10/06/09	78.8	74.8	73.7					0	0
10/07/09	84.8	82.3	72.4					0	0
10/08/09	70.9	69.6	69.4					52284	39705
10/09/09	71.2	70.5	73.0					0	0
10/10/09	79.6	78.6	73.8					0	0
10/11/09	75.2	75.1	72.3					64863	53310
10/12/09	80.0	77.9	72.5					0	0
10/13/09	74.2	72.5	68.4					89346	69109
10/14/09	80.9	79.0	72.1					0	0
10/15/09	75.1	72.1	65.8					0	0
10/16/09	82.7	79.6	64.6					66903	41621
10/17/09	76.8	74.4	67.2					0	0
10/18/09	77.9	76.3	62.3					0	0
10/19/09	75.1	72.3	60.2					93147	64137
10/20/09	74.1	70.5	64.2					0	0
10/21/09	75.5	72.8	61.3					0	0
10/22/09	63.7	62.0	62.4					94050	80382
10/23/09	80.3	78.3	66.2					0	0
10/24/09	79.0	71.5	68.2					66797	36900
10/25/09	79.0	77.1	65.8					0	0
10/26/09	75.6	74.0	62.7					0	0
10/27/09	63.8	63.3	62.0					78044	85107
10/28/09	77.4	74.9	63.8					0	0
10/29/09	74.7	74.0	63.3					58729	71595
10/30/09	78.9	76.9	65.2					0	0
10/31/09	66.3	66.3	64.8					108583	117696
11/01/09	72.0	72.8	65.0					0	0
11/02/09	78.4	76.3	63.2					0	0
11/03/09	73.8	70.6	62.2					82342	81625
11/04/09	74.2	72.2	62.6					0	0
11/05/09	74.3	72.7	60.2					0	0
11/06/09	74.5	72.9	57.5					114466	115333
11/07/09	73.3	67.1	61.4					34796	42426
11/08/09	76.3	73.8	59.6					0	0
11/09/09	64.8	62.3	60.5	8.0	BDL	1	4	266993	242240
11/10/09	75.0	74.6	61.8	10.5	BDL	1	1	302440	275187
11/11/09	84.6	84.4	62.9	14.0	BDL	7	14	311114	309986
11/12/09	83.7	83.4	67.0	17.0	BDL	1	1	285614	252050
11/13/09	83.0	81.5	72.6	18.4	BDL	11	2	210367	179257
11/14/09	85.0	84.9	74.1	11.7	BDL	5	6	243536	220128
11/15/09	80.2	77.7	71.1					0	8370
11/16/09	76.5	73.9	67.8					0	172
11/17/09	76.7	73.8	66.0					86220	69952
11/18/09	81.5	78.9	69.1					0	0
11/19/09	77.3	76.3	66.4					0	0
11/20/09	79.6	77.8	65.9					90183	68273
11/21/09	80.0	78.2	65.9					0	0

11/22/09	77.0	76.1	62.1					0	0
11/23/09	82.7	78.7	61.9					126221	117005
11/24/09	85.3	80.7	65.1					41	17
11/25/09	84.1	83.4	61.9					109586	110628
11/26/09	83.7	78.3	63.4					0	0
11/27/09	80.5	79.2	58.5					0	0
11/28/09	75.4	59.9	59.8					70005	75910
11/29/09	82.4	80.0	60.6					22241	17535
11/30/09	62.8	62.6	64.1					101200	113216
12/01/09	64.1	60.7	61.3	18.3	BDL	4	26	322193	274848
12/02/09	76.3	76.2	60.2	14.7	BDL	1	8	433806	349700
12/03/09	87.8	87.8	65.3	13.5	BDL	1	1	454666	374318
12/04/09	92.0	91.9	72.1	15.1	BDL	13	10	459623	388727
12/05/09	90.9	90.9	77.6	13.4	BDL	1	4	309807	243977
12/06/09	83.5	83.5	76.9	15.1	BDL	2	12	284973	261993
12/07/09	82.8	82.7	76.0	15.8	BDL	1	1	286446	277559
12/08/09	82.0	82.0	74.1	13.0	BDL	1	2	290533	267136
12/09/09	83.1	83.5	73.5	20.1	BDL	3	10	427228	357117
12/10/09	85.7	88.4	73.0	21.3	BDL	11	22	329798	238709
12/11/09	81.7	81.9	73.4	20.6	BDL	1	1	422506	319372
12/12/09	82.4	82.6	73.2	17.4	BDL	5	6	401704	336866
12/13/09	85.7	85.6	72.3	21.0	BDL	1	6	409698	327739
12/14/09	88.3	88.2	73.9	22.0	BDL	3	26	483125	416542
12/15/09	92.2	92.2	77.4	22.8	BDL	3	12	468028	381027
12/16/09	91.6	91.7	79.4	16.3	BDL	1	2	308448	307256
12/17/09	81.3	86.7	78.6	19.7	BDL	1	2	309484	246942
12/18/09	81.6	82.6	77.3	17.1	BDL	1	1	334233	339185
12/19/09	87.0	87.2	74.4	5.8	BDL	5	8	407235	355165
12/20/09	88.7	88.5	73.1					383106	333900
12/21/09	86.2	86.3	74.4	15.6	BDL	5	2	351637	294097
12/22/09	82.6	82.9	74.9	17.5	BDL	6	10	379828	406755
12/23/09	85.6	85.9	74.2	15.5	BDL	12	14	342019	324698
12/24/09	89.8	90.0	74.2	16.4	BDL	1	2	410541	412028
12/25/09	84.4	84.6	73.6					109408	98024
12/26/09	82.4	81.5	66.6					0	0
12/27/09	81.4	80.9	59.7					0	0
12/28/09	78.4	71.3	72.3	15.0	BDL	4	12	345594	330074
12/29/09	76.9	76.7	70.1	15.1	BDL	1	2	433684	413997
12/30/09	87.4	87.3	66.3	17.5	BDL	1	2	354750	363227
12/31/09	84.7	86.4	70.5	14.3	BDL	1	1	415624	337967
01/01/10	83.8	83.6	74.4	13.4	BDL	5	14	317523	261826
01/02/10	78.9	78.8	72.4	12.7	BDL	1	6	282467	230054
01/03/10	72.9	72.8	69.6	15.7	BDL	1	4	280006	286097
01/04/10	72.6	72.9	66.3	16.1	BDL	2	1	294212	224082
01/05/10	74.7	74.6	63.7	14.7	BDL	1	1	299010	280929
01/06/10	79.6	79.5	62.4	14.6	BDL	1	4	415776	360336
01/07/10	84.7	84.7	66.3	25.7	BDL	4	6	465968	469235
01/08/10	90.0	89.9	70.6	16.8	BDL	1	1	527710	471966
01/09/10	86.8	86.7	73.6	19.3	BDL	1	2	367546	363650
01/10/10	85.7	85.5	73.6	16.5	BDL	1	4	406774	365891
01/11/10	79.4	66.5	72.4	17.6	BDL	4	10	510429	422836
01/12/10	83.4	83.5	68.5	16.1	BDL	6	8	473005	354448

01/13/10	83.2	83.2	67.1	21.3	BDL	6	16	458919	373006
01/14/10	84.8	84.8	70.7					422490	401271
01/15/10	85.0	84.8	72.1	18.3	BDL	1	1	327345	277649
01/16/10	83.5	83.3	73.6	19.1	BDL	3	22	443406	376536
01/17/10	78.0	77.8	74.5					287264	273830
01/18/10	73.1	73.0	73.1	14.6	BDL	1	4	279503	240027
01/19/10	72.3	72.0	70.9	BDL	BDL	4	4	128927	91832
01/20/10	82.4	81.4	66.7					0	0
01/21/10	79.7	78.1	63.1					0	0
01/22/10	77.8	64.3	59.2					85931	76392
01/23/10	82.2	79.4	62.9					0	0
01/24/10	82.9	81.1	58.3					0	0
01/25/10	88.6	85.0	58.8					99764	81793
01/26/10	80.5	76.9	60.4					88445	71865
01/27/10	66.8	60.5	61.5	13.8	BDL	1	2	401672	367282
01/28/10	75.7	75.6	57.8	15.1	BDL	2	6	527829	462749
01/29/10	85.0	84.8	65.0	13.6	BDL	5	8	509256	465563
01/30/10	79.8	79.6	67.7					278426	245150
01/31/10	74.5	74.4	67.4	13.7	BDL	1	1	277337	207526
02/01/10	75.7	75.5	66.5	11.6	BDL	1	4	309579	236799
02/02/10	76.1	76.1	65.5	13.8	BDL	1	1	330369	296477
02/03/10	80.8	80.2	65.5	15.5	BDL	1	2	377565	328306
02/04/10	81.6	81.7	65.7	20.6	BDL	10	1	409765	384647
02/05/10	86.6	86.4	69.1	15.6	BDL	2	2	506177	454153
02/06/10	90.1	89.9	71.5	21.3	BDL	1	1	431159	420528
02/07/10	90.4	90.3	75.6	17.0	BDL	1	4	405552	403937
02/08/10	91.0	91.0	75.8	20.7	BDL	5	12	327032	323977
02/09/10	89.1	89.0	76.6	23.4	BDL	3	6	292798	235683
02/10/10	84.9	84.5	73.9	23.1	BDL	1	2	302071	308182
02/11/10	82.4	82.4	73.1	26.8	BDL	2	1	374280	351931
02/12/10	85.4	85.2	71.3	28.4	BDL	1	1	292915	262687
02/13/10	83.6	83.3	70.1					335406	285702
02/14/10	81.2	81.4	70.0	33.2	BDL	3	12	303373	297016
02/15/10	84.3	83.8	70.1	33.0	BDL	1	2	312827	278772
02/16/10	80.3	80.5	69.2	32.8	BDL	9	1	304812	303496
02/17/10	82.3	82.4	69.4	9.0	BDL	9	1	361668	295530
02/18/10	83.8	84.0	68.6	41.6	BDL	9	1	349955	342039
02/19/10	87.6	87.9	69.1	30.6	BDL	6	1	343112	288692
02/20/10	83.7	84.2	70.6	30.2	BDL	5	2	299758	270769
02/21/10	84.0	84.8	72.4	30.1	BDL	2	1	302939	237147
02/22/10	86.1	86.5	73.7	38.7	BDL	2	1	355153	344476
02/23/10	90.9	90.8	74.2	56.0	BDL	2	4	395376	347179
02/24/10	93.1	92.6	76.6	31.6	BDL	1	4	410458	354980
02/25/10	88.0	87.6	76.6	28.9	BDL	8	6	485554	459254
02/26/10	86.7	86.7	75.4	32.2	BDL	1	1	425350	402835
02/27/10	85.4	85.5	73.4	26.2	BDL	3	4	363731	345487
02/28/10	85.6	85.6	72.9	26.5	BDL	3	14	263284	269270
03/01/10	84.9	84.9	71.8	24.9	BDL	3	6	362942	305913
03/02/10	87.4	87.4	74.1	28.8	BDL	1	4	462357	453422
03/03/10	88.6	88.5	73.6	41.5	BDL	4	12	382017	292055
03/04/10	84.6	84.5	71.1	23.2	BDL	1	1	407861	191896
03/05/10	85.3	85.2	74.3	28.5	BDL	2	2	447555	431477

03/06/10	86.7	86.6	74.9	28.9	9.5	1	1	491443	443907
03/07/10	89.8	89.8	75.8	28.1	BDL	3	4	492121	404308
03/08/10	90.0	90.1	77.6	35.1	BDL	1	10	525321	256765
03/09/10	89.3	89.2	80.0	24.6	BDL	2	10	543349	349244
03/10/10	88.9	88.7	80.5	21.7	BDL	1	4	414392	252999
03/11/10	85.4	85.5	79.7					337050	207012
03/12/10	84.7	82.5	77.6					26418	0
03/13/10	79.6	79.5	75.6					320270	116379
03/14/10	76.2	76.2	75.2					287285	161354
03/15/10	72.2	71.8	72.3					203215	118208
03/16/10	72.0	71.8	70.8	9.1	BDL	1	1	318824	162031
03/17/10	81.0	80.9	69.2	47.1	BDL	1	6	486693	217486
03/18/10	86.9	86.8	68.4	17.6	BDL	1	8	505595	330365
03/19/10	87.1	86.9	73.1	21.8	BDL	4	10	485101	404942
03/20/10	88.7	88.6	77.3					485637	403052
03/21/10	84.2	83.9	77.9	22.6	BDL	1	1	375158	288556
03/22/10	83.5	83.7	76.8	25.6	BDL	1	1	398342	318787
03/23/10	87.5	87.6	73.7	26.3	BDL	2	1	470279	406673
03/24/10	95.7	94.8	74.8	23.5	BDL	5	16	498670	330364
03/25/10	96.3	94.9	79.9	25.2	BDL	12	2	424409	291544
03/26/10	94.5	94.5	84.8	25.8	BDL	1	1	436643	382107
03/27/10	90.2	90.1	84.2	35.7	BDL	1	1	439986	378964
03/28/10	89.0	89.0	83.0	23.2	BDL	45	1	392107	335898
03/29/10	87.7	87.3	82.5	19.8	BDL	1	1	430281	353202
03/30/10	87.2	86.8	79.7	18.5	BDL	1	8	398171	184245
03/31/10	83.2	82.9	78.3	18.9	BDL	1	8	277425	215272
04/01/10	87.2	87.1	77.5	20.4	BDL	1	1	340293	300103
04/02/10	92.7	92.6	78.4	21.7	BDL	1	1	430342	371438
04/03/10	91.0	91.2	82.5					172269	170000
04/04/10	77.0	73.7	77.2					0	0
04/05/10	78.9	76.7	76.7	27.8	BDL	1	2	277579	281274
04/06/10	89.4	89.4	82.8					301126	287638
04/07/10	90.8	90.6	83.9	16.3	BDL	1	2	370841	333071
04/08/10	92.8	92.7	83.8	17.4	BDL	1	4	291030	302959
04/09/10	88.0	88.6	82.1	17.8	BDL	600	4	302884	309755
04/10/10	91.0	90.9	82.1	26.9	BDL	1	6	270674	241136
04/11/10	88.8	90.6	80.7	22.4	BDL	1	1	363723	363755
04/12/10	85.5	89.5	81.2	25.8	BDL	5	8	336485	301666
04/13/10	92.2	92.0	82.8	28.2	BDL	2	1	422593	408079
04/14/10	94.6	94.5	83.4	24.6	BDL	1	1	473228	419156
04/15/10	94.9	94.7	84.9	24.5	BDL	1	1	450967	447203
04/16/10	96.7	94.9	86.9	27.0	BDL	7	8	457386	416016
04/17/10	96.7	95.0	88.1	21.5	BDL	1	2	381754	367992
04/18/10	93.7	93.4	86.5	28.6	BDL	4	8	375748	337509
04/19/10	91.8	91.5	85.1	23.7	BDL	1	12	479731	453291
04/20/10	92.0	91.7	84.6	22.4	BDL	1	1	483165	445324
04/21/10	93.7	93.5	83.9	23.4	BDL	1	4	482659	475946
04/22/10	95.4	94.8	85.5	11.0	BDL	1	1	541833	470220
04/23/10	96.9	94.7	87.1	26.2	BDL	11	28	479589	442821
04/24/10	96.1	94.7	88.0	25.6	BDL	1	18	444725	388450
04/25/10	91.8	91.7	86.6	23.9	BDL	1	18	364635	323000
04/26/10	89.5	89.0	85.6	23.7	BDL	1	16	276246	195941

04/27/10	87.0	87.0	83.5					415988	384008
04/28/10	81.7	83.3	79.3	20.3	BDL	1	2	315756	270413
04/29/10	82.4	82.3	77.4	17.2	BDL	3	18	285793	271811
04/30/10	84.2	85.5	76.3	17.6	BDL	1	18	245928	197924
05/01/10	88.0	88.9	78.1					253846	226110
05/02/10	91.7	91.6	80.2	16.6	BDL	1	60	324475	284270
05/03/10	93.9	93.9	82.6					288216	278023
05/04/10	93.2	93.1	84.2	17.9	BDL	1	18	371030	279749
05/05/10	92.0	91.7	83.9	22.1	BDL	1	16	229911	197580
05/06/10	93.9	93.4	84.4	24.5	BDL	1	8	241900	178212
05/07/10	89.9	93.2	84.7	14.3	BDL	1	18	458307	335651
05/08/10	94.6	94.6	86.1	17.3	BDL	1	1	461108	288804
05/09/10	92.3	92.3	84.0					260001	186088
05/10/10	87.2	87.6	82.3	14.8	BDL	1	24	272309	158114
05/11/10	77.0	73.5	78.6	17.2	BDL	8	24	228159	184305
05/12/10	86.9	86.8	80.7	17.6	BDL	1	16	399346	300567
05/13/10	91.8	91.7	81.1	15.6	BDL	1	18	422396	359062
05/14/10	94.6	94.5	83.2	22.3	BDL	1	16	427412	351286
05/15/10	98.2	95.0	86.8	22.7	BDL	1	14	385923	357140
05/16/10	96.2	94.9	90.2	25.3	BDL	2	14	493744	334314
05/17/10	99.4	94.8	89.7	21.5	BDL	1	1	489957	380135
05/18/10	96.1	94.9	87.0	19.4	BDL	1	6	494754	337511
05/19/10	98.7	95.0	88.3	22.2	BDL	1	2	614780	550528
05/20/10	101.8	95.0	87.8	23.9	BDL	1	1	649516	519075
05/21/10	102.4	94.9	90.0	21.6	BDL	5	26	564536	500310
05/22/10	98.1	94.3	88.8	16.1	BDL	1	10	416318	340866
05/23/10	95.6	94.9	88.3	13.9	BDL	3	20	249966	240302
05/24/10	93.6	94.9	88.5	20.4	BDL	1	6	487470	448508
05/25/10	96.0	94.8	89.1	21.3	BDL	6	10	465314	407969
05/26/10	98.2	94.8	88.7	16.8	BDL	1	1	469672	366878
05/27/10	99.0	94.6	88.7	16.4	BDL	1	6	464833	417473
05/28/10	101.4	94.9	91.0	20.4	BDL	1	1	471762	375729
05/29/10	101.1	94.9	91.0	20.4	BDL	1	1	455745	403604
05/30/10	102.7	94.9	88.8	21.7	BDL	2	8	534139	467116
05/31/10	103.8	88.8	89.8					562780	552191
06/01/10	102.7	94.9	93.6	19.2	BDL	23	8	491192	456877
06/02/10	99.5	92.1	92.6	15.9	BDL	1	20	308368	273540
06/03/10	94.3	94.6	91.7	17.5	BDL	1	4	416509	382087
06/04/10	92.3	87.6	91.1	15.9	BDL	1	10	340583	320364
06/05/10	100.5	95.1	93.6	16.7	BDL	1	10	504561	410067
06/06/10	104.5	94.4	94.6	23.8	BDL	3	12	512042	476028
06/07/10	102.9	95.1	94.5	21.9	BDL	1	10	545068	476645
06/08/10	104.1	94.8	93.5	20.6	BDL	1	2	506938	457411
06/09/10	103.8	92.9	94.0	16.4	BDL	1	1	555744	493140
06/10/10	104.6	95.3	94.4	23.3	BDL	1	10	503010	497801
06/11/10	105.5	94.9	94.8	18.7	BDL	1	12	537529	457058
06/12/10	104.6	95.1	94.7	14.4	BDL	1	2	434969	406044
06/13/10	104.3	94.7	95.1	15.3	BDL	7	12	450207	355120
06/14/10	103.8	94.7	94.6	21.5	BDL	1	6	478668	417843
06/15/10	104.8	95.1	94.9	21.0	BDL	4	14	524043	442044
06/16/10	105.6	94.5	95.1	14.9	BDL	4	12	538237	496347
06/17/10	106.4	91.9	95.5	16.7	BDL	1	1	362005	243331

06/18/10	104.2	94.8	94.8	20.5	BDL	1	8	508021	464317
06/19/10	104.4	95.0	94.5					462288	423701
06/20/10	104.7	94.5	94.8	17.0	BDL	1	1	413810	357250
06/21/10	104.1	94.9	94.9	22.8	BDL	1	8	483126	374216
06/22/10	101.5	95.0	94.3	23.1	BDL	1	1	524450	432572
06/23/10	105.1	95.4	94.8	16.3	BDL	5	14	492604	439996
06/24/10	106.1	95.6	95.3	22.9	BDL	2	18	494894	453514
06/25/10	105.9	94.0	95.1	18.6	BDL	2	8	467716	409059
06/26/10	105.3	94.2	94.9	20.3	BDL	8	12	579161	459234
06/27/10	105.0	97.5	95.7	16.7	BDL	1	6	622784	532927
06/28/10	104.4	95.9	96.5	19.2	BDL	1	12	544296	491122
06/29/10	104.2	95.8	96.9	22.2	BDL	4	46	507477	399827
06/30/10	103.8	96.0	95.6	20.9	BDL	1	1	488559	452713
07/01/10	102.5	97.0	95.1	21.2	BDL	1	1	488696	418565
07/02/10	102.1	96.5	94.4	19.2	BDL	1	12	412197	349420
07/03/10	97.2	96.0	92.9	21.7	BDL	1	10	471393	348555
07/04/10	99.4	96.4	92.6	14.7	BDL	1	6	426998	361464
07/05/10	97.5	96.5	93.3	18.0	BDL	1	10	584605	491484
07/06/10	103.5	97.5	90.2	15.2	BDL	1	2	406648	412961
07/07/10	102.9	98.2	95.1	15.6	BDL	1	1	581752	493976
07/08/10	102.8	93.9	96.1	20.3	BDL	1	1	588609	552733
07/09/10	106.8	95.2	98.6	19.6	BDL	1	16	504366	444507
07/10/10	105.1	96.5	97.0	18.0	BDL	1	2	418305	357981
07/11/10	103.0	96.3	96.0	20.4	BDL	1	10	446002	350280
07/12/10	100.7	96.2	94.8	14.5	BDL	1	2	466472	431138
07/13/10	100.4	96.6	93.9	10.8	BDL	1	8	500945	427799
07/14/10	101.7	95.8	95.1	19.4	BDL	1	1	486364	456204
07/15/10	104.6	96.4	95.6	15.5	BDL	2	6	523252	429743
07/16/10	104.9	96.2	95.6	12.4	BDL	1	1	463318	435117
07/17/10	100.7	96.7	94.5	16.0	BDL	3	10	468754	358105
07/18/10	99.8	96.5	94.0	16.0		3	10	352024	321281
07/19/10	97.9	96.5	92.8	11.8	BDL	1	1	349725	329443
07/20/10	100.8	96.2	94.1	15.8	BDL	1	1	482823	405786
07/21/10	103.8	96.3	95.3	11.4	BDL	1	6	530471	469988
07/22/10	103.8	96.6	96.4	8.8	BDL	1	4	497871	446605
07/23/10	108.4	97.1	96.8	9.8	BDL	1	1	601794	510322
07/24/10	107.1	96.6	98.7	10.0	BDL	1	1	515060	483415
07/25/10	106.2	95.8	99.5	11.2	BDL	1	1	481881	422853
07/26/10	104.9	93.4	96.4	11.6	BDL	1	14	420270	388149
07/27/10	103.5	94.6	96.7	14.6	BDL	2	8	433966	352922
07/28/10	102.9	94.6	95.1	13.5	BDL	1	1	389806	335829
07/29/10	99.0	96.2	94.9	13.9	BDL	1	1	435866	353454
07/30/10	102.7	94.9	95.3	9.7	BDL	1	4	468704	431250
07/31/10	103.6	94.9	95.1	12.9	BDL	1	8	580840	508587
08/01/10	101.2	95.3	94.4	6.3	BDL	1	2	476932	458204
08/02/10	101.4	94.8	93.5	7.9	BDL	3	4	492910	442611
08/03/10	101.7	94.4	93.7	3.3	BDL	1	1	479227	434393
08/04/10	103.4	94.8	94.5	2.9	BDL	25	48	478699	373015
08/05/10	102.7	94.6	94.5	3.8	BDL	1	1	367165	310693
08/06/10	101.4	95.0	93.9					330464	250924
08/07/10	99.0	96.3	92.4	8.7	BDL	1	2	369091	331916
08/08/10	100.6	95.3	93.0	7.9	BDL	1	1	389219	317642

08/09/10	101.3	95.1	93.2	11.3	BDL	1	1	472378	438862
08/10/10	101.0	93.9	93.5	16.0	BDL	1	18	356379	296200
08/11/10	101.5	95.1	93.6	16.0	BDL	1	2	496574	466646
08/12/10	105.0	96.4	94.4	26.2	BDL	1	6	483950	405609
08/13/10	104.6	95.8	94.4	28.2	BDL	1	10	424400	394054
08/14/10	103.5	95.3	93.5					245883	180288
08/15/10	84.9	86.4	90.9	23.5	BDL	8	10	143275	137944
08/16/10	98.2	95.1	93.4	22.1	BDL	4	6	376661	289445
08/17/10	85.9	86.8	92.1	22.5	BDL	3	6	236339	190947
08/18/10	95.7	95.1	93.0	29.2	BDL	1	4	408415	333773
08/19/10	100.0	94.9	93.3	22.0	BDL	1	1	423385	355932
08/20/10	100.3	94.6	93.0	30.9	BDL	1	6	385673	346539
08/21/10	99.6	94.9	92.6	32.2	BDL	1	1	296540	265061
08/22/10	98.9	94.8	94.1					392267	293520
08/23/10	88.0	85.0	91.1	21.1	BDL	1	4	237653	212161
08/24/10	94.4	95.2	90.7	13.7	BDL	1	4	381453	260972
08/25/10	96.7	94.9	90.8	18.9	BDL	2	6	397407	322510
08/26/10	91.1	94.8	91.2	24.3	BDL	12	10	373950	331967
08/27/10	98.8	94.9	91.6	33.9	BDL	1	2	363090	304800
08/28/10	94.1	90.9	92.8	32.0	BDL	4	1	171150	113940
08/29/10	97.7	94.8	92.1	31.6	BDL	1	8	304317	284689
08/30/10	98.3	95.0	91.3					388332	321187
08/31/10	99.1	95.1	91.9	29.0	BDL	1	1	399882	353746
09/01/10	99.9	94.8	92.7	14.6	BDL	1	1	410535	305812
09/02/10	97.9	96.0	95.1	28.9	BDL	1	8	362841	344151
09/03/10	100.8	94.8	93.7	23.5	BDL	2	4	433774	368706
09/04/10	98.1	94.0	92.9					300490	271966
09/05/10	96.9	94.9	89.5	23.6	BDL	4	4	367970	267125
09/06/10	85.2	83.3	87.1					122345	111708
09/07/10	94.8	94.7	89.3	25.6	BDL	1	1	411624	330709
09/08/10	95.5	94.1	90.1	26.7	BDL	1	6	365271	309038
09/09/10	95.9	94.9	90.6	17.2	BDL	3	2	368845	260175
09/10/10	95.4	93.9	90.5	21.6	BDL	5	1	310690	263220
09/11/10	94.9	94.5	89.6	21.4	BDL	9	12	141532	127348
09/12/10	90.6	91.9	87.5	23.2	BDL	1	2	346938	243988
09/13/10	92.8	92.8	87.6	22.6	BDL	14	14	373121	262616
09/14/10	92.2	92.1	87.6	22.7	BDL	9	10	371829	338012
09/15/10	95.0	94.7	87.7	20.0	BDL	1	10	256217	199002
09/16/10	92.3	93.6	87.9	16.6	BDL	1	66	392345	336416
09/17/10	96.7	94.9	89.9	17.6	BDL	1	1	418810	329319
09/18/10	95.8	93.4	90.0	17.7	BDL	1	2	386391	343792
09/19/10	97.9	94.6	89.6	16.5	BDL	3	2	390960	303793
09/20/10	97.4	95.1	90.1	16.5	BDL	1	8	394755	327041
09/21/10	98.5	94.7	90.4	17.5	BDL	2	1	406835	317768
09/22/10	99.8	94.8	91.5	18.2	BDL	1	1	401508	364620
09/23/10	99.6	94.7	92.2	17.7	BDL	7	4	370408	295826
09/24/10	100.2	94.9	92.1	19.2	BDL	1	1	411894	363881
09/25/10	98.9	91.9	92.4	14.6	BDL	4	8	498120	410783
09/26/10	100.3	94.7	92.0	20.2	BDL	2	16	498274	452038
09/27/10	100.9	94.7	90.6	21.7	BDL	1	1	601574	495121
09/28/10	97.5	93.2	90.2	21.3	BDL	1	1	533971	545144
09/29/10	101.1	94.1	90.4	38.9	BDL	1	1	570844	474409

09/30/10	98.7	94.9	89.7	22.5	BDL	3	4	482214	412593
10/01/10	97.6	94.9	89.4	24.4	BDL	1	2	442078	331515
10/02/10	94.4	94.5	87.1					179125	153032
10/03/10	88.1	88.6	84.4	27.1	BDL	1	1	269978	211384
10/04/10	90.0	89.9	83.2	20.2	BDL	15	12	416434	306375
10/05/10	89.5	89.1	81.3	26.9	BDL	1	1	345221	231940
10/06/10	84.7	84.0	79.9	34.1	BDL	1	1	265856	226597
10/07/10	76.1	73.4	76.9	25.5	BDL	1	16	176693	132938
10/08/10	74.6	72.0	78.3	40.0	BDL	1	1	221500	173740
10/09/10	74.0	71.1	76.4		BDL	1	1	190709	136145
10/10/10	76.2	74.8	76.3	26.7	BDL	1	1	169302	93937
10/11/10	78.4	76.3	77.4	33.1	BDL	2	1	121306	101672
10/12/10	83.5	82.1	78.0	36.9	BDL	12	1	259230	179607
10/13/10	88.4	88.4	80.1	44.6	BDL	1	1	363336	283061
10/14/10	83.5	82.4	79.3					151931	105415
10/15/10	84.1	83.5	79.1	40.5	BDL	6	10	141883	82831
10/16/10	70.6	66.4	73.7					0	0
10/17/10	69.2	64.1	69.5					0	0
10/18/10	70.4	66.2	67.6					0	0
10/19/10	69.2	66.1	66.1					189361	54434
10/20/10	69.8	70.9	71.1					0	0
10/21/10	64.8	66.2	68.7					0	0
10/22/10	67.1	66.5	66.4					259968	138028
10/23/10	72.7	73.1	72.6	22.2	BDL	7	6	323485	218595
10/24/10	67.8	65.4	70.3					0	5016
10/25/10	74.7	71.6	69.5					161237	69142
10/26/10	75.4	72.5	72.6					99227	80190
10/27/10	80.4	78.7	73.3					0	0
10/28/10	77.7	76.8	72.9					0	0
10/29/10	73.1	73.2	70.8	17.1	BDL	1	6	303223	216676
10/30/10	76.9	76.8	68.8	21.5	BDL	7	10	171894	113845
10/31/10	77.4	73.9	66.5					254540	215427
11/01/10	75.2	75.1	68.8	29.2	BDL	1	2	341589	237183
11/02/10	76.3	76.2	69.9	27.8	BDL	4	34	353628	262881
11/03/10	74.0	71.2	67.6					32271	24038
11/04/10	75.3	70.7	65.7	28.1	BDL	1	1	292694	193023
11/05/10	79.7	79.6	67.6	30.7	BDL	1	1	276421	207921
11/06/10	78.5	76.2	64.2	14.6	BDL	1	6	190455	140688
11/07/10	81.8	78.5	64.5	12.6	BDL	1	1	153000	81813
11/08/10	76.2	76.3	67.6	28.8	BDL	1	6	394354	311834
11/09/10	83.0	76.9	68.1	15.9	BDL	1	4	140852	102324
11/10/10	87.1	82.8	66.3					203446	173379
11/11/10	78.9	76.2	65.9					25	0
11/12/10	75.6	72.6	61.9					0	0
11/13/10	77.1	75.1	57.7					19219	178
11/14/10	80.7	74.5	62.9					89419	53341
11/15/10	83.0	79.9	60.5					0	0
11/16/10	66.9	67.2	62.1	11.3	BDL	1	1	214076	173217
11/17/10	78.8	75.1	64.9					0	0
11/18/10	79.2	74.8	60.1					119364	78151
11/19/10	67.4	66.0	64.7	24.5	BDL	1	1	199916	139575
11/20/10	77.7	71.8	63.5	9.5	BDL	12	2	260326	189335

11/21/10	71.5	71.3	63.2	12.1	BDL	1	2	401208	220392
11/22/10	78.6	78.5	64.3	13.3	BDL	4	1	377734	237488
11/23/10	80.1	78.9	66.0					180120	100020
11/24/10	79.3	78.6	67.4					133413	80131
11/25/10	79.2	76.4	63.6					0	0
11/26/10	82.8	77.4	62.4					0	0
11/27/10	83.1	79.0	59.7					124035	94218
11/28/10	82.5	78.0	61.3					0	0
11/29/10	82.9	79.7	56.4					17559	9268
11/30/10	72.9	64.2	63.9	7.4	BDL	13	28	352713	194895
12/01/10	69.2	67.8	63.9	7.5	BDL	1	1	358402	246711
12/02/10	78.2	70.4	61.6	9.6	BDL	23	16	370869	284436
12/03/10	77.1	76.5	60.8	10.1	BDL	1	1	341607	243410
12/04/10	80.8	78.2	61.5	11.4	BDL	1	2	314082	209303
12/05/10	77.8	77.7	63.5	13.5	BDL	1	1	325374	229708
12/06/10	75.7	75.7	63.5	12.4	BDL	1	14	351928	194694
12/07/10	74.0	73.7	62.7	16.8	BDL	4	1	392999	278143
12/08/10	73.1	73.1	62.3	32.8	BDL	6	16	352677	157463
12/09/10	71.6	71.5	62.5	11.0	BDL	1	1	331819	249881
12/10/10	70.8	70.9	61.6	9.9	BDL	1	8	308580	230573
12/11/10	71.2	71.3	62.3	19.8	BDL	1	8	308956	225891
12/12/10	76.1	74.1	62.4	22.0	BDL	1	1	387525	263495
12/13/10	74.2	73.0	61.3	9.2	BDL	2	6	391199	301453
12/14/10	70.4	70.5	60.9	9.0	BDL	4	10	375836	285785
12/15/10	72.2	72.4	60.9	22.6	BDL	1	6	375311	275071
12/16/10	75.1	74.9	60.8	7.3	BDL	1	1	388144	232024
12/17/10	78.5	75.2	62.4	20.8	BDL	1	1	377519	255041
12/18/10	77.3	77.1	63.6	26.0	BDL	1	2	448323	321297
12/19/10	80.8	80.6	65.5	27.8	BDL	9	14	427734	290575
12/20/10	81.2	81.1	66.7	21.5	BDL	1	1	509617	372818
12/21/10	81.6	81.4	69.0	17.1	BDL	1	8	486186	229059
12/22/10	81.0	80.9	70.8	26.7	BDL	6	2	451479	318963
12/23/10	80.9	79.0	70.7	25.2	BDL	1	1	409104	251070
12/24/10	76.8	76.8	69.0	20.0	BDL	1	8	382800	213055
12/25/10	76.6	75.4	68.2					231392	154139
12/26/10	72.5	72.2	65.5	15.1	BDL	8	1	389183	227204
12/27/10	73.3	73.3	64.4	20.8	BDL	1	1	480374	390018
12/28/10	76.0	75.9	62.6	19.7	BDL	2	2	386082	257109
12/29/10	76.5	76.3	62.5	15.0	BDL	1	6	379136	238540
12/30/10	77.2	77.1	65.0	16.7	BDL	2	10	330727	251349
12/31/10	76.7	77.3	65.2	19.1	BDL	9	12	369461	286830
01/01/11	79.8	79.7	66.8	17.3	BDL	1	1	349544	223944
01/02/11	82.7	78.8	67.8					139395	78811
01/03/11	73.0	76.4	66.8	17.9	BDL	1	6	335072	241903
01/04/11	76.4	75.8	67.4	14.8	BDL	1	1	358368	268186
01/05/11	77.1	76.8	66.0	13.2	BDL	6	14	344716	253380
01/06/11	78.8	78.7	66.7	16.9	BDL	1	2	369418	282493
01/07/11	80.4	80.2	65.9	19.0	BDL	2	1	399467	294291
01/08/11	80.4	79.7	65.9					253736	171222
01/09/11	76.0	75.9	66.5	16.8	BDL	1	4	407705	300985
01/10/11	77.8	77.8	66.2	13.9	BDL	1	2	372938	289353
01/11/11	77.3	77.2	64.6	17.2	BDL	1	1	378593	272812

01/12/11	76.1	75.9	63.5	19.2	BDL	1	1	403793	307012
01/13/11	76.3	76.1	64.3	19.8	BDL	1	1	481009	355707
01/14/11	80.2	80.2	65.4	14.9	BDL	3	8	459119	338360
01/15/11	79.5	79.3	65.8	22.6	BDL	5	4	361885	267256
01/16/11	79.4	79.0	67.0	21.3	BDL	1	4	373479	245591
01/17/11	80.3	80.3	68.2	21.8	BDL	4	2	459969	287947
01/18/11	80.7	80.5	68.9	9.7	BDL	1	16	446972	386753
01/19/11	81.5	81.4	70.7	18.1	BDL	1	6	362997	292574
01/20/11	81.3	81.1	70.2	25.0	BDL	3	6	412380	308231
01/21/11	83.7	83.5	71.3	26.6	BDL	1	1	470823	371022
01/22/11	83.2	83.1	70.6	17.5	BDL	1	1	502369	371683
01/23/11	83.9	83.6	70.7	20.3	BDL	1	1	463939	367822
01/24/11	83.6	83.4	71.6	15.3	BDL	1	2	482131	429948
01/25/11	85.3	85.3	72.5	18.9	BDL	1	1	451342	337501
01/26/11	83.4	83.9	72.6	20.0	BDL	1	10	402894	314013
01/27/11	82.3	82.5	72.1	18.7	BDL	1	2	444476	318324
01/28/11	83.2	83.4	71.3	15.6	BDL	1	1	416378	328071
01/29/11	82.1	82.1	70.3	19.9	BDL	1	1	349909	191859
01/30/11	79.6	79.2	70.3					140034	69585
01/31/11	77.7	76.9	70.2	17.7	BDL	4	4	335890	235133
02/01/11	76.6	76.5	68.9	10.1	BDL	1	1	398396	268291
02/02/11	81.8	81.7	70.0	15.5	BDL	2	4	514790	339798
02/03/11	83.6	83.6	68.5	12.7	BDL	4	6	448238	295561
02/04/11	81.8	81.8	69.2	9.4	BDL	1	2	402669	305570
02/05/11	79.7	79.7	70.2	8.6	BDL	2	2	390896	338103
02/06/11	80.4	79.5	69.1					253632	189820
02/07/11	80.5	80.5	69.3	7.4	BDL	1	4	375549	317472
02/08/11	79.3	79.3	68.9	8.5	BDL	1	1	338078	261129
02/09/11	76.7	75.4	66.4					269234	234843
02/10/11	78.3	78.5	67.3	10.1	BDL	1	1	377198	296857
02/11/11	78.5	78.4	66.1	6.4	BDL	1	1	369946	249811
02/12/11	79.0	79.0	66.9	12.2	BDL	1	1	307913	233471
02/13/11	79.6	78.5	63.2					10504	5397
02/14/11	74.8	74.9	67.0					357648	251629
02/15/11	76.5	76.7	66.9	9.3	BDL	8	20	424090	344598
02/16/11	81.8	81.8	67.4	6.6	BDL	9	8	333587	257301
02/17/11	82.1	79.5	65.5					90	0
02/18/11	83.9	79.9	63.7					0	0
02/19/11	80.4	78.2	62.7					0	0
02/20/11	82.4	80.3	59.0					0	0
02/21/11	83.8	81.9	57.8					126355	80918
02/22/11	75.1	73.7	66.5					0	0
02/23/11	60.5	60.6	62.4					81512	38740
02/24/11	67.7	68.0	63.5	3.6	BDL	9	14	366308	222071
02/25/11	72.4	71.4	66.9	2.7	BDL	2	6	359709	240140
02/26/11	75.5	75.4	65.2	5.6	BDL	1	8	339068	222249
02/27/11	78.5	77.9	66.3					158198	99804
02/28/11	78.7	78.7	67.7	8.1	BDL	1	14	357747	290433
03/01/11	84.9	82.1	67.7					119926	115905
03/02/11	81.5	81.3	70.7	12.9	BDL	1	6	335300	315116
03/03/11	81.3	81.0	72.6	21.6	BDL	10	14	205116	208896
03/04/11	76.8	76.8	69.1	24.1	BDL	3	6	192901	197597

03/05/11	84.3	82.0	69.6					83235	74266
03/06/11	81.9	81.8	72.3	22.6	BDL	1	2	211745	168627
03/07/11	76.6	76.4	68.6	27.4	BDL	1	1	240364	266165
03/08/11	82.5	78.8	66.6					182186	163723
03/09/11	79.8	79.4	70.6	35.5	BDL	1	1	175652	154631
03/10/11	76.5	76.3	69.6	35.6	BDL	1	4	205459	174380
03/11/11	83.3	79.1	65.0					114149	94025
03/12/11	78.0	74.9	66.7					87592	60848
03/13/11	82.2	78.4	64.4					151436	117495
03/14/11	79.6	75.2	68.4					72469	52287
03/15/11	73.6	73.4	67.9	31.4	BDL	1	1	230671	228468
03/16/11	83.0	80.6	63.6					183735	173321
03/17/11	81.1	77.1	64.7	23.5	BDL			257482	202702
03/18/11	76.5	76.8	67.8	34.0	BDL	1	1	347531	338054
03/19/11	86.8	86.8	72.0	26.2	BDL	2	16	439462	458618
03/20/11	93.5	93.4	77.4	21.5	BDL	1	1	500224	475257
03/21/11	95.2	94.9	84.4	17.9	BDL	3	1	519078	529714
03/22/11	96.2	95.0	86.4	17.9	BDL	3	10	428043	379677
03/23/11	94.5	95.0	87.7	BDL	BDL	1	1	424676	436634
03/24/11	91.7	94.8	86.7	8.4	BDL	1	1	364432	323065
03/25/11	91.6	91.9	84.2					371651	350844
03/26/11	92.1	92.2	84.1	6.1	BDL	1	1	437934	397630
03/27/11	89.5	89.4	80.8	5.6	BDL	1	1	246473	224101
03/28/11	86.0	86.0	79.0	6.1	BDL	2	6	469312	420462
03/29/11	87.4	87.5	76.8	4.9	BDL	1	4	447341	433240
03/30/11	89.9	90.5	78.3	7.3	BDL	1	1	457055	417634
03/31/11	89.4	89.4	79.5	9.3	BDL	1	1	378690	351922
04/01/11	88.6	88.5	78.6	11.9	BDL	1	10	367887	330110
04/02/11	84.7	84.1	76.8					217386	182710
04/03/11	84.9	84.8	76.5	18.5	BDL	1	6	378049	306462
04/04/11	86.2	86.1	77.7					255815	236177
04/05/11	86.7	86.9	77.7	22.2	BDL	1	4	390019	328889
04/06/11	86.7	86.8	77.1	26.3	BDL	6	18	377243	336311
04/07/11	86.9	87.8	78.7	28.1	BDL	1	1	361505	307722
04/08/11	90.2	90.4	80.3	30.4	BDL	2	20	242394	217434
04/09/11	89.4	88.3	80.5	35.5	BDL	1	1	295998	236380
04/10/11	89.1	88.7	79.1	32.2	BDL	1	1	291558	279073
04/11/11	90.9	90.9	83.1	31.9	BDL	1	8	360984	290694
04/12/11	92.5	92.3	84.4	28.0	BDL	1	8	408441	398303
04/13/11	90.7	90.6	83.0	32.5	BDL	2	32	324957	260062
04/14/11	73.0	75.9	79.7					186670	155096
04/15/11	87.1	87.2	81.3					131078	79180
04/16/11	77.5	76.7	76.6					136	0
04/17/11	73.1	71.8	71.0					0	0
04/18/11	80.4	80.2	74.4					277822	237088
04/19/11	78.4	78.3	77.8	28.9	BDL	1	6	283612	168923
04/20/11	79.3	77.8	77.8					189837	167570
04/21/11	78.3	77.1	76.9					168822	129470
04/22/11	76.6	76.0	74.1					67	0
04/23/11	70.5	68.3	68.0					0	0
04/24/11	77.6	76.6	72.8	23.8	BDL	1	1	283272	203624
04/25/11	78.5	76.6	75.0					158495	130705

04/26/11	78.8	78.3	75.9					241693	189964
04/27/11	86.2	86.1	77.8	27.8	BDL	1	1	385402	298839
04/28/11	91.1	91.0	80.6	21.1	BDL	1	1	346965	321867
04/29/11	93.0	92.9	81.3	24.5	BDL	5	14	337483	300869
04/30/11	91.5	90.4	82.3					128058	130720
05/01/11	91.1	91.0	83.2	23.1	BDL	1	2	441309	473293
05/02/11	94.7	94.6	84.7	21.7	BDL	1	2	447588	404978
05/03/11	93.7	93.8	86.7	21.0	BDL	1	1	382134	361139
05/04/11	94.0	93.9	85.4	18.9	BDL	2	2	379073	403369
05/05/11	93.6	93.6	83.6	22.0	BDL	3	1	413921	396327
05/06/11	92.4	92.3	84.4	26.3	BDL	1	1	222164	232899
05/07/11	91.1	90.9	84.1	21.3	BDL	1	1	423075	401671
05/08/11	93.8	93.7	85.3	26.1	BDL	1	1	408715	397995
05/09/11	96.5	95.0	87.9	28.0	BDL	1	4	407587	369461
05/10/11	97.0	94.9	90.0	27.2	BDL	3	2	367664	357228
05/11/11	97.2	94.7	89.2	25.1	BDL	7	12	392420	370132
05/12/11	97.6	95.0	89.9	29.4	BDL	1	1	369055	378455
05/13/11	99.2	95.2	90.7	33.0	BDL	1	1	377612	368361
05/14/11	99.6	95.5	89.9	37.7	BDL	6	1	390947	421353
05/15/11	98.9	94.6	83.9	27.7	BDL	8	30	349569	371922
05/16/11	98.6	95.4	89.2	48.3	BDL	3	1	362883	418263
05/17/11	93.8	93.9	86.9	48.1	BDL	1	1	346845	359380
05/18/11	81.1	78.9	84.3	44.0	BDL	1	66	284062	295504
05/19/11	93.3	93.2	84.6	38.2	BDL	1	14	393921	420015
05/20/11	88.2	87.9	84.6					259859	289938
05/21/11	95.9	94.9	85.9	37.3	BDL	1	8	429174	425689
05/22/11	98.5	94.1	90.1	29.9	BDL	3	10	373000	399687
05/23/11	101.2	94.4	91.7	28.7	BDL	1	2	370510	370533
05/24/11	101.0	95.1	91.5	21.9	BDL	11	16	374893	395932
05/25/11	102.4	95.6	92.4	25.8	BDL	1	20	414035	366641
05/26/11	101.8	93.3	93.4	29.7	BDL	1	1	432902	411706
05/27/11	100.4	95.1	91.1	30.6	BDL	6	14	400484	434908
05/28/11	96.8	94.1	91.0	27.6	BDL			156580	191083
05/29/11	98.0	95.1	90.5	22.1	BDL	9	12	367929	379726
05/30/11	100.1	95.6	92.2	25.9	BDL	1	4	348322	368148
05/31/11	102.7	93.7	93.7	31.4	BDL	1	1	435449	418153

Nitrate test

Plant Allen FGD Purge Analytical Data from 3/2/09 to 5/23/11
 Results shown in red and having '<->' in the column to the left indicates the parameter was not detected above the laboratory reporting limit

Date	FGD Purge Alkalinity (mg-CaCO3/L)	FGD Purge Arsenic (ppb)	FGD Purge Beryllium (ppb)	FGD Purge Boron (ppm)	FGD Purge Bromide (ppm)	FGD Purge Cadmium (ppb)	FGD Purge Chloride (ppm)	FGD Purge Chromium (ppm)	FGD Purge Copper (ppb)	FGD Purge Soluble Se (ppb)	FGD Purge Total Se (ppb)	FGD Purge Soluble Mercury (ppb)	FGD Purge Total Mercury (ppb)	Applied Speciation FGD Purge Total Se (ppb)	FGD Purge Se(VI) (ppb)	FGD Purge Se(VI) (ppb)	FGD Purge SeCN (ppb)	FGD Purge BDL (ppb)	FGD Purge MeSe(VI) (ppb)	FGD Purge BDL (ppb)	FGD Purge SeM (ppb)	FGD Purge Unknown (ppb(n))	FGD Purge TDS (ppm)
09/09/09		544		36			3300	149	167	619	1100		25.2		3.9	592	4.4		2.8	3.8	3.8	0(0)	8500
09/16/09		462		45.9			2900	169	151	215	1120		35.5		26.4	161	4.4		2.8	3.8	3.8	0(0)	7600
09/23/09		316		53			3200	130	254	181	2090		215		37.5	138	3.8		2.8	3.8	2.8	0(0)	7800
11/13/09		233		52.8			2000	102	153	584	1210		18.5		230	379	3.7		2.8	3.7	4.2	0(0)	6900
12/02/09		265		55			2800	140	199	277	1280		20.5	1420	52.4	142	1.5		2.5	3.7	3.7	0(0)	7100
12/09/09		208		80.6			3500	130	272	293	1420		29.3	1860	144	88.3	1.1		2.5	3.7	3.7	0(0)	8400
12/16/09		178		81.4			4200	119	135	128	1720		34.2	2420	33	72	1.0		2.5	3.7	3.7	0(0)	9400
12/21/09		163		75.7			4200	101	125	157	1520		28.4	1810	80	59.8	1.0		1.8	3.7	3.7	0(0)	9200
12/29/09		179		66.2			3500	111	144	204	1650		24.7	1560	58.3	73.4	0.98		1.7	3.7	3.7	0(0)	8200
01/11/10		418		105			301	339	209	389	2580		20.6	1700	81	58.7	2.5		1.7	3.7	3.7	0(0)	12000
02/08/10		608		133			179	209	126	126	1890		49.1	2140	28.1	28.1	1.5		2.9	3.7	2.9	0(0)	10000
03/08/10		553		140			170	185	137	137	1910		46.4	2060	41.6	95.8	3.3		2.3	3.7	2.3	0(0)	12000
03/22/10		452		134			167	189	97.6	122	1860		65.2	2160	11.3	107	3.3		2.3	3.7	2.3	0(0)	12000
04/05/10		309		99.7			151	159	87.7	1450	1450		58.7	3050	7.3	83.9	1.7		2.4	3.7	2.4	0(0)	12000
05/10/10		615		73.7			134	153	437	1690	1690		40.3	218	19.1	53.2	1.7		2.0	3.7	2.0	0(0)	8700
05/25/10		535		140			250	275	542	1000	1000		41.1	2140	21.4	192	3.2		2.4	3.7	2.4	0(0)	14000
06/15/10		212		139			161	228	285	204	2130		59.9	216	279	130	2.2		1.5	3.7	1.5	0(0)	11000
06/29/10		98.6		99.3			137	175	359	2130	2130		60.5	605	212	86	5.7		3.0	3.0	3.0	0(0)	10000
07/12/10		132		104			157	175	1220	1840	1840		66.3	252	57.3	1080	3.2		4.7	4.7	4.7	0(0)	10000
08/16/10		146		146			137	157	175	1220	1840		41.5	252	14.8	222	1.6		1.7	1.7	1.7	0(0)	13000
08/23/10		201		104			188	201	263	198	2240		116	407	96.9	74.9	1.4		3.6	3.6	3.6	0(0)	13000
09/13/10		219		157			249	262	240	240	2560		75.3	454	42.1	85	2.4		2.1	2.1	2.1	0(0)	11000
10/05/10		162		107			151	172	198	143	2110		35.4	323	11.2	1110	3.0		3.0	3.0	3.0	0(0)	8800
10/26/10		176		127			125	147	570	320	320		32.0	382	15.2	672	3.0		2.4	2.4	2.4	0(0)	8100
10/27/10		135		155			139	156	374	895	895		41.5	439	18.8	448	3.0		3.0	3.0	3.0	0(0)	8500
10/28/10		124		181			122	149	281	649	649		41	438	13.1	236	3.0		2.4	2.4	2.4	0(0)	9100
10/28/10		193		168			214	232	260	1850	1850		43.8	438	14.4	344	3.0		2.4	2.4	2.4	0(0)	9100
10/29/10		169		179			117	137	177	198	1370		49.3	436	14.4	344	3.0		2.4	2.4	2.4	0(0)	9000
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/29/10		145		183			179	199	177	177	1370		55.6	588	17.0	632	3.0		3.0	3.0	3.0	0(0)	8500
10/2																							

Plant Allen Physical / Chemical Effluent (Bioreactor 1 Influent) Analytical Data from 3/3/09 to 5/23/11
 Results shown in red and having "< ->" in the column to the left indicates the parameter was not detected above the laboratory reporting limit

	Bio 1 Inf Alkalinity (mg-CaCO3)	Bio 1 Inf Ammonia (mg-N/L)	Bio 1 Inf Arsenic (ppb)	Bio 1 Inf Beryllium (ppb)	Bio 1 Inf Boron (ppm)	Bio 1 Inf Cadmium (ppb)	Bio 1 Inf Chromium (ppb)	Bio 1 Inf Copper (ppb)	Bio 1 Inf Soluble Se (ppb)	Bio 1 Inf Total Se (ppb)	Bio 1 Inf Mercury (ppb)
09/09/09			< ->				< ->		233	226.0	0.052
09/16/09			2.1				< ->		263	303.0	0.029
09/23/09			< ->				< ->		144	161.0	0.027
11/11/09			< ->				< ->	5.60	410	437.0	0.111
12/02/09			< ->				< ->	< ->	183	184.0	0.133
12/09/09			< ->				< ->	< ->	107	104.0	0.517
12/16/09			< ->				< ->	< ->	80	80.0	0.042
12/21/09			< ->				< ->	< ->	77.4	80.4	0.258
12/29/09			< ->				< ->	< ->	77.8	80.7	0.710
01/11/10			< ->		72.5		< ->	< ->	77.7	81.2	0.092
02/08/10			< ->		118		< ->	< ->	80.3	83.2	0.033
02/24/10			< ->		128		< ->	< ->	103	102.0	
03/08/10			< ->		141		< ->	< ->	100	100.0	0.051
03/22/10			< ->		122		< ->	< ->	76.1	75.8	
04/05/10			< ->		76.5		< ->	6	74.3	75.3	0.812
04/26/10			< ->		89.2		< ->	< ->	360	353.0	
05/10/10			< ->		110		< ->	< ->	5.00	86.9	0.113
05/25/10			< ->		105		< ->	< ->	99	96.2	
06/15/10			< ->		115		< ->	< ->	105	96.1	0.036
06/29/10			< ->		104		< ->	< ->	125	134.0	
07/12/10			< ->		110		< ->	< ->	121	118.0	0.368
08/16/10			< ->		90.8		< ->	13.4	1040	1140.0	0.452
08/23/10			< ->		94.9		< ->	9.90	314	336.0	
09/13/10			< ->		97.7		< ->	8.7	128	113.0	1.260
09/27/10			< ->		94.0		< ->	< ->	99.8	102.0	
10/05/10			< ->	0.005	72.2	< ->	< ->	< ->	666	495.0	
10/06/10			< ->		71.8		< ->	< ->	604	675.0	
10/07/10			< ->		76.4		< ->	< ->	658	719.0	
10/08/10			< ->		84.4		< ->	< ->	659	711.0	0.084
10/09/10			< ->		91.0		< ->	< ->	5.0	639.0	
10/10/10			< ->		107		< ->	< ->	496	577.0	
10/11/10			< ->		118		< ->	< ->	473	492.0	0.023
10/12/10			< ->		124		< ->	< ->	410	452.0	
10/13/10			< ->		129		< ->	< ->	354	390.0	0.056
10/14/10			< ->		130		< ->	< ->	285	300.0	
11/08/10			< ->	0.05	115	< ->	< ->	< ->	118	87.7	
11/22/10			< ->		83.8		< ->	10.1	92.4	82.2	
12/01/10			< ->		62.2		< ->	13.6	89.4	66.9	

	Bio 1 Inf. Nickel (ppb)	Bio 1 Inf Nitrate (ppm)	Bio 1 Inf Phos (mg-P/L)	Bio 1 Inf Silver (ppb)	Bio 1 Inf. Zinc (ppb)	Applied Speciation FGD Purge Total Se (ppb)	Bio 1 Inf Se(IV) (ppb)	Bio 1 Inf Se(VI) (ppb)	Bio 1 Inf. SeCN (ppb)	Bio 1 Inf MeSe(IV) (ppb)	Bio 1 Inf SeMe (ppb)	Bio 1 Inf Unknown (ppb) (n)
BDL	81.9				3.6		3.37	208	1.1	1.0	1.0	0 (0)
	151.0				9.5		4.09	242	1.0	0.7	0.7	0 (0)
	100.0				12.3		9.09	132	1.0	0.7	0.7	0 (0)
	83.0				12.4		7.20	418	0.93	1.1	1.1	0 (0)
	96.1				35.6	193	7.27	168	0.37	0.98	1.35	0 (0)
	106.0				21.7	111	9.30	84.3	0.28	1.16	0.62	0 (0)
	104.0				14.1	91.4	8.46	63.2	0.26	0.37	0.37	0 (0)
	105.0				19.8	91.1	10.50	63.1	0.26	0.58	0.37	0 (0)
	102.0				9.0	85.5	8.35	66.8	0.25	0.54	1.15	0 (0)
	86.0			5.0	7.2	76.4	6.41	63.1	0.62	1.04	1.25	0 (0)
	107.0			5.0	10.0	81.9	5.90	63.2	0.47	0.93	0.72	0 (0)
	135.0			5.0	10.0	116	0.43	4.79	0.82	0.57	0.57	0 (0)
	132.0			5.0	10.0	110	3.85	91.5	0.82	0.85	0.57	0 (0)
	107.0			5.0	10.0	82.5	5.93	66.7	0.30	1.28	0.60	0 (0)
	93.5			5.0	10.0		6.90	56.3	0.42	1.63	1.35	0 (0)
	93.3			5.0	10.0	367	4.60	314	0.81	0.61	1.1	0 (0)
	87.2			5.0	10.0		4.98	72.3	0.55	1.17	0.93	0 (0)
	56.7			5.0	10.0		8.64	81.6	0.33	0.83	1.52	0 (0)
	7.4			5.0	10.0		12.20	98.0	0.54	1.49	0.4	0 (0)
	24.5			5.0	10.0		9.20	107	0.49	0.52	0.52	0 (0)
	14.2			5.0	10.0		15.0	82.3	0.70	1.69	0.87	0 (0)
<→	5.00			5.0	10.0		3.36	893	1.4	1.2	1.2	0 (0)
	23.60			5.0	10.0		8.45	308	0.39	0.53	0.42	0 (0)
	47.8			11.2	10.0		10.40	58.1	0.36	5.82	3.42	0 (0)
	5.7			5.0	10.0		8.35	73.3	0.6	0.53	0.88	0 (0)
	13.9			10.0	20.0		5.55	530	0.75	0.60	0.60	0 (0)
	11.3			10.0	20.0		5.78	653	0.75	0.60	0.60	0 (0)
<→	10.0			10.0	20.0		5.80	696	0.75	0.60	0.60	0 (0)
	12.7			10.0	20.0		5.48	574	0.75	0.60	0.60	0 (0)
<→	10.0			10.0	20.0							
	29.0			10.0	20.0		6.29	624	0.75	0.60	0.60	0 (0)
<→	10.0			10.0	20.0							
<→	10.0			10.0	20.0							
	11.4			10.0	20.0		6.90	323	0.75	0.60	0.60	0 (0)
<→	10.0			10.0	20.0		10.60	305	0.66	0.47	0.46	0 (0)
	21.8			10.0	20.0		10.10	59.2	1.6	3.6	2.3	0 (0)
	31.1			10.0	20.0		7.87	54.1	0.97	2.7	1.5	0 (0)
	30.9			10.0	20.0							

Plant Allen Bioreactor Effluent Analytical Data from 3/3/09 to 5/23/11

Results shown in red and having "<-->" in the column to the left indicates the parameter was not detected above

Date	Bio 2 Eff Alkalinity (mg-CaCO3/L)	BDL	Bio 2 Eff Ammonia (mg-N/L)	BDL	Bio 2 Eff Arsenic (ppb)	BDL	Bio 2 Eff Beryllium (ppb)	Bio 2 Eff Boron (ppm)	BDL	Bio 2 Eff Cadmium (ppb)
09/09/09					9.5					
09/16/09					8.33					
09/23/09					4.6					
11/11/09					8.50					
12/02/09					8.6					
12/09/09					11.6					
12/16/09					6.4					
12/21/09					4.8					
12/29/09					4.6					
01/11/10					5.2			84.9		
02/08/10					3.7			102		
02/24/10					2.5			149		
03/08/10								146		
03/22/10								112		
04/05/10								93.4		
04/26/10								92		
05/10/10								114		
05/25/10								108		
06/15/10					15.0			103		
06/29/10					20.1			137		
07/12/10					12.1			119		
08/16/10					5.2			88.6		
08/23/10					5.2			93.4		
09/13/10					4.8			90.3		
09/27/10					7.5			81.1		
10/05/10				<-->	5.0	<-->	0.005	74.9	<-->	5.0
10/06/10				<-->	10.0			71.4		
10/07/10				<-->	10.0			68.1		
10/08/10				<-->	10.0			68.6		
10/09/10				<-->	10.0			66		
10/10/10				<-->	5.0			65.5		
10/11/10				<-->	5.0			68.5		
10/12/10				<-->	5.0			67		
10/13/10				<-->	5.0			67.3		
10/14/10				<-->	5.0			77.5		
11/08/10					2.99			115		
11/22/10					2.99			0.05		
12/01/10					3.18			90.2		
12/02/10					2.98			83.4		
12/03/10					2.02			74.4		

12/04/10				<→	5.0			68.9		
12/05/10				<→	5.0			69.8		
12/06/10					2.11			74.2		
12/07/10				<→	5.0			77		
12/08/10				<→	5.0			73.5		
12/09/10				<→	5.0			81.5		
12/10/10								91.2		
12/13/10				<→	5.0			125		
01/12/11				<→	5.0			83.5		
01/24/11				<→	5.0			101		
02/10/11				<→	5.0					
03/02/11				<→	5.0			58.6		
03/03/11				<→	5.0			55.6		
03/04/11				<→	5.0			53.4		
03/06/11				<→	5.0			52.0		
03/07/11				<→	5.0			48.7		
03/08/11				<→	5.0			48.9		
03/09/11				<→	5.0			47.9		
03/10/11				<→	5.0			52.3		
03/28/11				<→	5.0			76.3		
04/11/11				<→	5.0			57		
04/27/11				<→	5.0			60.3		
05/09/11				<→	5.0			53.6		
05/23/11				<→	5.0			62.9		

e the laboratory reporting limit

BDL	Bio 2 Eff Chromium (ppb)	BDL	Bio 2 Eff Copper (ppb)	BDL	Bio 2 Eff Mercury (ppb)	BDL	Bio 2 Eff Nickel (ppb)	BDL	Bio 2 Eff Nitrate (ppm)	Bio 2 Eff O-Phos (mg-P/L)	BDL
< ->	2.0				0.00985	< ->	2.0				
< ->	2.0				0.00376	< ->	2.0				
< ->	2.0				0.00344	< ->	2.0				
< ->	5.00		6.10		0.00203	< ->	5.00				
< ->	2.0	< ->	2.0		0.00424	< ->	2.0				
< ->	2.0	< ->	2.0		0.00531	< ->	2.0				
< ->	2.0	< ->	2.0		0.01000	< ->	2.0				
< ->	2.0	< ->	2.0		0.00775	< ->	2.0				
< ->	2.0	< ->	2.0		0.01100	< ->	2.0				
< ->	2.0		3.0		0.01420	< ->	2.0				< ->
< ->	2.0	< ->	2.0		0.00500	< ->	2.0				< ->
< ->	2.0	< ->	2.0			< ->	2.0				< ->
< ->	2.0	< ->	2.0		0.00598	< ->	2.0				< ->
< ->	2.0	< ->	2.0				2.9				
< ->	2.0	< ->	2.0		0.02240		2.6				< ->
< ->	2.0	< ->	2.0				3.6				
< ->	2.0		3.1		0.00576	< ->	2.0				< ->
< ->	2.0	< ->	2.0			< ->	2.0				
< ->	2.0	< ->	2.0		0.00190	< ->	2.0				
< ->	2.0	< ->	2.0			< ->	2.0				
< ->	2.0	< ->	2.0		0.00335	< ->	2.0				< ->
< ->	2.0		22.5		0.01410	< ->	2.0				< ->
< ->	2.0		9.2			< ->	2.0				< ->
< ->	2.0	< ->	2.0		0.0384	< ->	2.0				
< ->	5.0	< ->	5.0		0.00200	< ->	5.0				< ->
< ->	5.0	< ->	5.0			< ->	5.0				< ->
< ->	10.0	< ->	10.0			< ->	10.0				< ->
< ->	10.0	< ->	10.0			< ->	10.0				< ->
< ->	10.0	< ->	10.0		0.00838	< ->	10.0				< ->
< ->	10.0	< ->	10.0			< ->	10.0				< ->
< ->	5.0	< ->	5.0			< ->	5.0				< ->
< ->	5.0	< ->	5.0		0.00720	< ->	5.0				< ->
< ->	5.0	< ->	5.0			< ->	5.0				< ->
< ->	5.0	< ->	5.0			< ->	5.0				< ->
< ->	5.0	< ->	5.0		0.00505	< ->	5.0				< ->
< ->	2.0	< ->	2.0				2.62				< ->
< ->	1.0	< ->	1.0			< ->	1.0				< ->
< ->	10.0	< ->	10.0			< ->	2.0				< ->
< ->	2.0	< ->	2.0		0.04830	< ->	2.0				< ->
< ->	2.0	< ->	2.0		0.05460	< ->	2.0				< ->

<→	5.0	<→	5.0			<→	5.0				<→
<→	5.0	<→	5.0			<→	5.0				<→
<→	2.0	<→	5.0		0.02380	<→	2.0				<→
<→	5.0	<→	5.0			<→	5.0				<→
<→	5.0	<→	5.0		0.02550	<→	5.0				<→
<→	5.0	<→	5.0			<→	5.0				<→
<→	5.0	<→	5.0		0.01410	<→	5.0				<→
<→	5.0	<→	5.0			<→	5.0				<→
<→	5.0	<→	5.0			<→	5.0				<→
<→	5.0	<→	5.0			<→	5.0				<→
<→	5.0	<→	5.0			<→	5.0				<→
<→	5.0	<→	5.0		0.0110	<→	5.0				<→
<→	5.0	<→	5.0		0.0118	<→	5.0				<→
<→	5.0	<→	5.0		0.0131	<→	5.0				<→
<→	5.0	<→	5.0		0.0111	<→	5.0				<→
<→	5.0	<→	5.0		0.01040	<→	5.0				<→
<→	5.0	<→	5.0		0.00884	<→	5.0				<→
<→	5.0	<→	5.0		0.00774	<→	5.0				<→
<→	5.0	<→	5.0		0.00625	<→	5.0				<→
<→	5.0	<→	5.0			<→	5.0				<→
<→	5.0	<→	5.0		0.01120	<→	5.0				<→
<→	5.0	<→	5.0			<→	5.0				<→
<→	5.0	<→	5.0		0.00438	<→	5.0				<→
<→	5.0	<→	5.0			<→	5.0				<→

Bio 2 Eff Silver (ppb)	BDL	Bio 2 Eff Total Se (ppb)	BDL	Bio 2 Eff Zinc (ppb)	BDL	Applied Speciation FGD Purge Total Se (ppb)	BDL	Bio 2 Eff Se(IV) (ppb)	BDL	Bio 2 Eff Se(VI) (ppb)	BDL
	<→	10.0	<→	2.0			<→	1.0	<→	0.8	<→
		2.64	<→	2.0				1.16	<→	0.8	<→
		3.5	<→	2.0				0.87	<→	0.8	<→
		2.67	<→	5.00			<→	1.4	<→	0.84	<→
		2.7	<→	2.0		2.03	<→	0.89	<→	1.5	<→
	<→	2.0	<→	2.0		1.71	<→	1	<→	0.57	<→
	<→	2.0	<→	2.0		2.57	<→	0.38	<→	0.48	<→
	<→	2.0		5.8		8.2		2.38	<→	0.48	<→
		3.5		2.1		3.7		0.46	<→	0.27	<→
2.0		4.4		2		3.4		1.63	<→	0.24	<→
2.0		4.7	<→	4.00	<→	5.2		1.97	<→	0.79	<→
2.0		2.4	<→	4.00		5.2		2.02	<→	0.47	<→
2.0		4.7	<→	4.00		6.31		2.05	<→	0.47	<→
6.4		3.1	<→	4.00		2.43		0.94	<→	0.56	<→
2.0		2.7	<→	4.00				0.35	<→	0.23	<→
2.3		3.2	<→	4.00		2.17	<→	0.67	<→	0.35	<→
2.0		2.6	<→	4.00				0.38	<→	0.40	<→
2.4		3.5	<→	4.00			<→	0.75	<→	0.42	<→
2.7	<→	2.00	<→	4.00			<→	0.47	<→	0.20	<→
7.8		3.9	<→	4.00			<→	0.71	<→	0.38	<→
2.0		2.4	<→	4.00			<→	0.92	<→	0.66	<→
2.0		4.2	<→	4.00			<→	0.97	<→	1.1	<→
3.5	<→	2.00	<→	4.00			<→	0.23	<→	0.63	<→
24.1	<→	2.00	<→	4.00			<→	0.45	<→	0.28	<→
5.0		2.90	<→	10.0			<→	0.41	<→	0.57	<→
5.0	<→	5.0	<→	10.0				0.72	<→	0.42	<→
10.0	<→	10.0	<→	20.0				0.94		0.64	<→
10.0	<→	10.0	<→	20.0				1.23	<→	0.42	<→
10.0	<→	10.0	<→	20.0				0.92	<→	0.42	<→
10.0	<→	10.0	<→	20.0							
5.0	<→	5.0	<→	10.0				1.13	<→	0.42	<→
5.0	<→	5.0	<→	10.0							
5.0	<→	5.0	<→	10.0							
5.0	<→	5.0	<→	10.0				1.24	<→	0.42	<→
5.0	<→	5.0	<→	10.0				1.58	<→	0.42	<→
2.0		6.52	<→	4.0				3.13	<→	0.40	<→
1.0	<→	1.0	<→	2.0				2.93	<→	0.41	<→
2.0		3.68	<→	4.0							
2.0		3.55	<→	4.0				1.32	<→	0.48	<→
2.0		4.7	<→	4.0				2.1	<→	0.48	<→

5.0	<→	5.0	<→	10.0							
5.0	<→	5.0	<→	10.0							
2.0		4.3	<→	4.0			1.09	<→	0.48	<→	
5.0	<→	5.0	<→	10.0							
5.0	<→	5.0	<→	10.0			0.80	<→	0.48	<→	
5.0	<→	5.0	<→	10.0							
5.0	<→	5.0	<→	10.0			0.71	<→	0.48	<→	
5.0	<→	5.0	<→	10.0			0.73	<→	0.48	<→	
5.0	<→	5.0	<→	10.0			0.73	<→	0.51	<→	
5.0	<→	5.0	<→	10.0		<→	1.0	<→	0.58	<→	
5.0	<→	5.0	<→	10.0		<→	0.72	<→	0.38	<→	
5.0	<→	5.0	<→	10.0			1.33	<→	0.34	<→	
5.0	<→	5.0	<→	10.0			1.17	<→	0.9	<→	
5.0	<→	5.0	<→	10.0		<→	0.60	<→	0.90	<→	
5.0	<→	5.0	<→	10.0			1.03	<→	0.90	<→	
5.0	<→	5.0	<→	10.0			1.3	<→	0.90	<→	
5.0		7.6	<→	10.0			0.84	<→	0.90	<→	
5.0	<→	5.0	<→	10.0			0.88	<→	0.90	<→	
5.0	<→	5.0	<→	10.0			0.75	<→	0.90	<→	
5.0	<→	5.0	<→	10.0		<→	0.72	<→	0.65	<→	
5.0		5.4	<→	10.0			4.31		1.65	<→	
5.0	<→	5.0	<→	10.0		<→	0.81	<→	1.20	<→	
5.0	<→	5.0	<→	10.0		<→	1.1	<→	0.42	<→	
5.0		11.7	<→	10.0			8.16		0.92	<→	

Bio 2 Eff SeCN (ppb)	BDL	Bio 2 Eff MeSe(IV) (ppb)	BDL	Bio 2 Eff SeMe (ppb)	Bio 2 Eff Unknown (ppb) (n)	Bio 2 Eff TDS (ppm)
1.1	<→	1.0	<→	1.0	0 (0)	11000
1.0	<→	0.7	<→	0.7	0 (0)	8200
1.0	<→	0.7	<→	0.7	0 (0)	7200
0.93	<→	1.1	<→	1.1	0 (0)	5300
0.37	<→	0.92	<→	0.92	0 (0)	6700
0.28	<→	0.62	<→	0.62	0 (0)	6600
0.26	<→	0.37	<→	0.37	0 (0)	9500
0.26	<→	0.37	<→	0.37	0 (0)	10000
0.25		0.58		0.38	0 (0)	9700
0.62	<→	0.43		0.93	0 (0)	
0.47	<→	0.72	<→	0.72	0 (0)	
0.82	<→	0.57	<→	0.57	0 (0)	
0.82	<→	0.57	<→	0.57	0(0)	
0.30	<→	0.60	<→	0.60	0 (0)	
0.42	<→	0.33	<→	0.33	0 (0)	
0.81	<→	0.61	<→	0.61	0 (0)	
0.55	<→	0.39	<→	0.39	0 (0)	
0.33	<→	0.5	<→	0.5	0 (0)	
0.54	<→	0.40	<→	0.40	0 (0)	
0.49	<→	0.52	<→	0.52	0 (0)	
0.70	<→	0.76	<→	0.76	0 (0)	
1.4	<→	1.2	<→	1.2	0 (0)	
0.39	<→	0.42	<→	0.42	0 (0)	
0.36	<→	0.36	<→	0.36	0 (0)	
0.60	<→	0.53	<→	0.53	0 (0)	
0.75	<→	0.60	<→	0.60	0 (0)	
0.75	<→	0.60	<→	0.60	0 (0)	
0.75	<→	0.60	<→	0.60	0 (0)	
0.75	<→	0.60	<→	0.60	0 (0)	
0.75	<→	0.60	<→	0.60	0 (0)	
0.75	<→	0.60	<→	0.60	0 (0)	
0.75	<→	0.60	<→	0.60	0 (0)	
0.66	<→	0.46	<→	0.46	0 (0)	
1.6	<→	2.3	<→	2.3	0 (0)	
0.97	<→	0.70	<→	0.70	0 (0)	
0.19	<→	0.29	<→	0.29	0 (0)	
0.19	<→	0.29	<→	0.29	0 (0)	

0.19	<→	0.29	<→	0.29	0 (0)
0.19	<→	0.29	<→	0.29	0 (0)
0.19	<→	0.29	<→	0.29	0 (0)
0.19	<→	0.29	<→	0.29	0 (0)
0.43	<→	0.38	<→	0.38	0 (0)
1.2	<→	0.93	<→	0.93	0 (0)
0.35	<→	0.48	<→	0.48	0 (0)
0.37	<→	0.55	<→	0.55	0 (0)
0.76	<→	0.75	<→	0.75	0 (0)
0.76	<→	0.75	<→	0.75	0 (0)
0.76	<→	0.75	<→	0.75	0 (0)
0.76	<→	0.75	<→	0.75	0 (0)
0.76	<→	0.75	<→	0.75	0 (0)
0.76	<→	0.75	<→	0.75	0 (0)
0.76	<→	0.75	<→	0.75	0 (0)
0.76	<→	0.75	<→	0.75	0 (0)
0.81	<→	0.73	<→	0.73	0 (0)
1.30	<→	0.95	<→	0.95	0 (0)
0.74	<→	0.93	<→	0.93	0 (0)
1.4	<→	0.96	<→	0.96	0 (0)
0.94	<→	0.86	<→	0.86	0 (0)

Parameter	Analytical Method	Targeted Laboratory Reporting Limit
As, Be, Ca, Cr, Cu, Ni, Ag, Zn, Se	200.8 (ICP-CRC-MS)	10 ppb
B,Fe	200.7	
Hg (results \geq 1ppb)	245.1	1 ppb
Hg (results < 1 ppb)	1631E	1 ppt
Alkalinity	2320B	
Ammonia, Nitrate	350.1	0.04 ppm
Br	300.0	10 ppm
TKN	351.2	0.1 ppm
TDS	2540C	10 ppm
TSS	2540D	4 ppm
Se Speciation (Applied Speciation)	IC-ICP-DRC-MS	Variable

