

US EPA ARCHIVE DOCUMENT

Sample Date	12/30/13	12/27/13	12/25/13	12/23/13	12/20/13	12/18/13	12/16/13	12/13/13	12/11/13	12/09/13	12/06/13	12/04/13	12/02/13	11/29/13	11/27/13	11/25/13
Calculated CO2 Factor	111.77	111.67	110.97	111.81	112.46	112.36	111.41	110.45	111.89	111.56	112.00	113.86	113.99	113.10	112.44	109.48
Molecular Weight	14.99	15.04	15.09	14.9	15.13	15.07	14.8	14.5	15.26	15.2	15.1	15.99	16.25	15.81	15.76	14.51
Higher Heating Value	946	950	946	940	949	946	937	926	962	961	951	977	978	959	948	922
Carbon Content	0.73	0.73	0.72	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.72	0.71	0.71	0.7	0.72

Sample Date	11/22/13	11/20/13	11/18/13	11/15/13	11/13/13	11/11/13	11/08/13	11/06/13	11/04/13	11/01/13	10/30/13	10/28/13	10/25/13	10/23/13	10/21/13	10/18/13
Calculated CO2 Factor	111.58	108.83	105.63	108.78	109.96	110.05	112.08	109.59	107.67	110.14	109.15	102.88	110.85	115.01	116.88	113.51
Molecular Weight	15.36	14.33	13.58	14.26	14.7	14.79	15.27	14.48	13.96	14.49	14.84	13.1	15.43	16.82	18.11	15.9
Higher Heating Value	971	916	882	912	930	935	961	932	902	928	959	812	928	975	1033	961
Carbon Content	0.73	0.72	0.71	0.72	0.72	0.72	0.73	0.73	0.72	0.73	0.73	0.66	0.69	0.69	0.69	0.71

Sample Date	10/16/13	10/14/13	10/11/13	10/09/13	10/07/13	10/04/13	10/02/13	09/30/13	09/27/13	09/25/13	09/23/13	09/20/13	09/18/13	09/16/13	09/13/13	09/11/13
Calculated CO2 Factor	94.09	116.12	117.49	117.20	115.81	112.81	110.51	110.38	110.94	110.95	110.57	110.69	108.51	108.02	111.95	110.66
Molecular Weight	12.57	16.52	17.69	17.43	17.32	15.43	14.9	14.6	15.02	14.77	14.86	14.61	14.35	14.13	15.38	15
Higher Heating Value	710	976	1062	1049	1026	978	938	933	955	939	922	931	920	910	969	943
Carbon Content	0.55	0.71	0.73	0.73	0.71	0.74	0.72	0.73	0.73	0.73	0.71	0.73	0.72	0.72	0.73	0.72

Sample Date	09/09/13	09/06/13	09/04/13	09/02/13	08/30/13	08/28/13	08/26/13	08/23/13	08/21/13	08/19/13	08/16/13	08/14/13	08/12/13	08/09/13	08/07/13	08/05/13
Calculated CO2 Factor	111.69	112.41	112.18	113.17	113.10	111.92	111.53	110.39	107.27	107.00	111.56	112.03	111.50	111.40	113.06	111.88
Molecular Weight	15.09	15.32	15.69	14.91	15.9	15.28	15.29	14.9	13.8	13.75	15.31	15.2	14.97	15.02	15.5	15.18
Higher Heating Value	953	935	973	942	978	963	967	939	895	894	968	957	947	951	967	957
Carbon Content	0.73	0.71	0.72	0.74	0.72	0.73	0.73	0.72	0.72	0.72	0.73	0.73	0.73	0.73	0.73	0.73

Sample Date	07/31/13	07/29/13	07/26/13	07/24/13	07/22/13	07/19/13	07/17/13	07/15/13	07/12/13	07/10/13	07/08/13	07/05/13	07/03/13	07/01/13	06/28/13	06/26/13
Calculated CO2 Factor	111.36	110.24	109.28	110.21	111.40	112.15	108.13	111.23	111.28	111.59	114.19	111.93	111.49	111.73	110.66	111.49
Molecular Weight	14.92	14.8	14.4	14.5	15.13	15.28	14.19	14.87	14.83	15.14	15.97	15.25	15	15	15	15.19
Higher Heating Value	945	934	904	928	958	961	913	943	940	957	1000	961	936	934	943	961
Carbon Content	0.73	0.72	0.71	0.73	0.73	0.73	0.72	0.73	0.73	0.73	0.74	0.73	0.72	0.72	0.72	0.73

Sample Date	06/24/13	06/21/13	06/19/13	06/17/13	06/14/13	06/12/13	06/10/13	06/07/13	06/05/13	06/03/13	05/31/13	05/29/13	05/27/13	05/24/13	05/22/13	05/20/13
Calculated CO2 Factor	105.84	97.22	104.23	96.93	97.50	99.04	100.11	99.42	99.16	103.83	105.30	109.94	109.07	110.82	103.85	108.68
Molecular Weight	16.43	11.33	12.96	11.18	11.23	11.7	11.9	11.7	11.67	12.85	13.4	15	14.22	14.8	12.67	14.2
Higher Heating Value	900	777	853	769	779	799	804	796	796	849	873	936	907	942	837	909
Carbon Content	0.6	0.69	0.71	0.69	0.7	0.7	0.7	0.7	0.7	0.71	0.71	0.71	0.72	0.73	0.71	0.72

Sample Date	05/17/13	05/15/13	05/13/13	05/10/13	05/08/13	05/06/13	05/03/13	05/01/13	04/29/13	04/26/13	04/24/13	04/22/13	04/19/13	04/17/13	04/15/13	04/12/13
Calculated CO2 Factor	106.15	106.61	109.40	111.38	111.71	112.51	104.59	110.50	109.87	111.58	110.11	108.55	109.87	110.31	110.89	109.44
Molecular Weight	13.32	13.73	14.3	15.13	15.27	15.38	13.2	14.77	14.75	14.98	14.44	14.23	14.75	14.7	14.7	14.63
Higher Heating Value	873	896	922	945	951	951	817	917	921	947	925	912	934	940	935	930
Carbon Content	0.72	0.72	0.73	0.72	0.72	0.72	0.67	0.71	0.71	0.73	0.73	0.72	0.72	0.73	0.73	0.72

Sample Date	04/10/13	04/08/13	04/05/13	04/03/13	04/01/13	03/29/13	03/27/13	03/25/13	03/22/13	03/20/13	03/18/13	03/15/13	03/13/13	03/11/13	03/08/13	03/06/13
Calculated CO2 Factor	108.56	108.67	110.81	109.46	109.96	110.13	86.42	107.84	105.31	112.33	111.72	110.24	110.92	113.35	114.89	111.62
Molecular Weight	14.2	14.09	14.5	14.46	14.51	14.52	9.35	13.75	13.34	15.4	15	14.8	14.8	15.7	16.5	15.13
Higher Heating Value	910	902	923	919	918	930	690	887	869	967	947	934	954	977	1013	943
Carbon Content	0.72	0.72	0.73	0.72	0.72	0.73	0.66	0.72	0.71	0.73	0.73	0.72	0.74	0.73	0.73	0.72

Sample Date	03/04/13	03/01/13	02/27/13	02/25/13	02/22/13	02/20/13	02/18/13	02/15/13	02/13/13	02/11/13	02/08/13	02/06/13	02/04/13	02/01/13	01/30/13	01/28/13
Calculated CO2 Factor	112.55	106.42	108.42	112.46	111.41	112.83	110.78	107.39	111.60	112.24	114.11	111.22	111.96	113.68	110.51	112.91
Molecular Weight	15.27	13.67	14.12	15.45	14.8	15.5	14.7	13.4	15.4	15.34	16.5	15.06	15.57	15.66	14.82	15.8
Higher Heating Value	957	844	906	969	937	969	936	856	960	964	992	942	954	985	933	987
Carbon Content	0.73	0.68	0.72	0.73	0.73	0.73	0.73	0.71	0.72	0.73	0.71	0.72	0.71	0.74	0.72	0.73

Sample Date	01/25/13	01/23/13	01/21/13	01/18/13	01/16/13	01/14/13	01/11/13	01/09/13	01/07/13	01/04/13	01/02/13	12/31/12	12/28/12	12/26/12	12/24/12	12/21/12
Calculated CO2 Factor	107.00	112.74	109.33	107.63	109.02	113.43	114.49	117.36	115.64	115.34	115.72	117.18	113.29	111.75	109.95	112.77
Molecular Weight	13.52	15.6	14.6	13.8	14.26	15.76	16.2	17.5	16.79	16.56	16.6	17.5	15.91	15.41	15.2	15.61
Higher Heating Value	879	976	929	892	910	980	957	1023	982	985	998	1039	977	946	935	963
Carbon Content	0.72	0.73	0.72	0.72	0.72	0.73	0.7	0.71	0.7	0.71	0.72	0.72	0.72	0.71	0.7	0.72

Sample Date	12/19/12	12/17/12	12/14/12	12/13/12	12/12/12	12/10/12	12/07/12	12/05/12	12/03/12	11/30/12	11/30/12	11/30/12	11/30/12	11/29/12	11/29/12	11/29/12
Calculated CO2 Factor	111.32	111.41	111.85	114.66	110.08	111.09	111.45	112.94	112.28	110.63	110.60	110.95	110.55	111.56	111.15	111.61
Molecular Weight	14.93	15.1	15.16	16.63	14.7	14.71	14.9	15.5	15.5	14.54	14.63	14.66	14.56	15.2	14.75	15.19
Higher Heating Value	946	956	956	995	929	934	943	968	907	927	933	932	929	961	936	960
Carbon Content	0.73	0.73	0.73	0.71	0.72	0.73	0.73	0.73	0.68	0.73	0.73	0.73	0.73	0.73	0.73	0.73

Sample Date	11/28/12	11/26/12	11/23/12	11/21/12	11/19/12	11/16/12	11/14/12	11/12/12	11/09/12	11/07/12	11/05/12	11/02/12	10/31/12	10/29/12	10/26/12	10/24/12
Calculated CO2 Factor	109.61	111.96	110.62	111.55	107.84	108.15	105.51	108.19	108.21	107.61	108.60	109.24	105.30	108.46	109.73	105.34
Molecular Weight	14.7	15	14.71	15.42	14.09	14.1	13.35	14.23	14.17	13.86	14.33	14.43	13	14.32	14.4	13.27
Higher Heating Value	933	945	938	975	909	907	868	915	911	896	918	919	835	893	913	852
Carbon Content	0.72	0.73	0.73	0.73	0.72	0.72	0.71	0.72	0.72	0.72	0.72	0.72	0.7	0.7	0.72	0.7

Sample Date	10/22/12	10/19/12	10/17/12	10/15/12	10/12/12	10/10/12	10/08/12	10/06/12	10/03/12	10/01/12	09/28/12	09/26/12	09/24/12	09/21/12	09/19/12	09/17/12
Calculated CO2 Factor	104.08	107.33	103.74	102.74	108.23	108.56	110.77	110.44	110.34	108.24	108.37	108.95	108.17	105.02	107.11	108.68
Molecular Weight	12.82	13.7	12.99	12.4	13.97	14.31	14.62	14.64	14.47	14.05	14.3	18.21	14.18	13.4	13.58	14.2
Higher Heating Value	845	888	859	828	898	917	931	935	925	903	918	646	912	863	882	909
Carbon Content	0.71	0.72	0.71	0.71	0.72	0.72	0.73	0.73	0.73	0.72	0.72	0.4	0.72	0.7	0.72	0.72

Sample Date	09/14/12	09/12/12	09/10/12	09/07/12	09/05/12	09/03/12	08/31/12	08/29/12	08/27/12	08/24/12	08/22/12	08/20/12	08/17/12	08/15/12	08/13/12	08/10/12
Calculated CO2 Factor	118.14	109.42	112.03	110.43	110.69	111.87	110.86	111.16	111.05	110.58	105.42	107.19	110.80	109.50	108.73	110.54
Molecular Weight	19	14.53	15.4	14.56	15.1	15.4	14.9	15.16	15.02	14.8	13.4	13.62	14.75	14.67	14.3	14.59
Higher Heating Value	1181	911	943	930	949	971	948	962	954	944	872	884	939	932	915	931
Carbon Content	0.76	0.71	0.71	0.73	0.72	0.73	0.73	0.73	0.73	0.73	0.71	0.72	0.73	0.72	0.72	0.73

Sample Date	08/08/12	08/06/12	08/03/12	08/01/12	07/30/12	07/27/12	07/25/12	07/23/12	07/20/12	07/18/12	07/16/12	07/13/12	07/11/12	07/09/12	07/06/12	07/04/12
Calculated CO2 Factor	112.13	113.23	112.83	109.97	118.76	107.27	104.22	117.83	106.45	107.21	106.02	108.88	109.22	108.08	106.37	107.20
Molecular Weight	15.5	15.7	15.5	14.5	18.3	13.8	13.05	17.27	13.48	13.7	13.6	21.53	14.6	14.2	13.47	13.56
Higher Heating Value	975	978	969	930	1072	895	859	1048	881	889	880	535	930	914	881	880
Carbon Content	0.73	0.73	0.73	0.73	0.72	0.72	0.71	0.74	0.72	0.72	0.71	0.28	0.72	0.72	0.72	0.72

Sample Date	07/02/12	06/29/12	06/27/12	06/25/12	06/22/12	06/20/12	06/18/12	06/15/12	06/13/12	06/11/12	06/08/12	06/06/12	06/04/12	06/01/12	05/30/12	05/28/12
Calculated CO2 Factor	106.00	103.87	100.14	105.80	110.55	106.87	108.93	111.74	112.03	111.67	110.57	110.77	111.33	110.80	110.66	114.20
Molecular Weight	13.21	12.9	11.77	13.77	14.89	13.61	14.39	15.16	15.2	15.12	14.72	14.62	15.2	14.86	15	16.1
Higher Heating Value	867	852	795	830	924	886	919	957	957	955	939	931	963	946	943	1008
Carbon Content	0.72	0.71	0.7	0.66	0.71	0.72	0.72	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.72	0.74

Sample Date	05/25/12	05/23/12	05/21/12	05/18/12	05/16/12	05/14/12	05/11/12	05/09/12	05/07/12	05/04/12	05/02/12	04/30/12	04/27/12	04/25/12	04/23/12	04/20/12
Calculated CO2 Factor	110.47	107.03	110.47	109.99	111.75	111.67	115.52	111.42	109.26	108.61	108.05	108.56	107.15	106.82	104.47	102.66
Molecular Weight	14.55	13.6	14.8	14.53	15.4	15.12	16.99	15.71	14.37	14.3	13.9	14.2	13.6	15.3	13.02	12.94
Higher Heating Value	929	884	945	919	972	955	1009	940	915	916	895	910	883	775	855	816
Carbon Content	0.73	0.72	0.73	0.72	0.73	0.73	0.71	0.69	0.72	0.72	0.72	0.72	0.72	0.56	0.71	0.67

Sample Date	04/18/12	04/16/12	04/11/12	04/09/12	04/06/12	04/04/12	04/02/12	03/30/12	03/28/12	03/26/12	03/23/12	03/21/12	03/19/12	03/16/12	03/14/12	03/12/12
Calculated CO2 Factor	109.37	111.68	111.25	109.40	111.10	111.79	111.63	109.27	105.39	107.90	106.35	112.45	112.57	111.75	112.24	112.23
Molecular Weight	14.81	15.2	15.11	14.2	14.9	14.93	15.5	14.23	13.55	14.13	13.33	15.4	15.8	15.13	15.34	15.29
Higher Heating Value	929	960	958	903	946	942	966	906	882	911	872	966	990	955	964	961
Carbon Content	0.71	0.73	0.73	0.72	0.73	0.73	0.72	0.72	0.71	0.72	0.72	0.73	0.73	0.73	0.73	0.73

Sample Date	03/09/12	03/07/12	03/05/12	03/02/12	02/29/12	02/27/12	02/24/12	02/22/12	02/20/12	02/17/12	02/15/12	02/13/12	02/10/12	02/08/12	02/06/12	02/03/12
Calculated CO2 Factor	109.73	112.15	110.32	108.84	111.38	108.69	111.10	108.58	109.04	108.93	113.03	123.45	109.04	109.32	105.93	110.87
Molecular Weight	14.59	15.28	14.81	14.3	14.97	14.42	14.68	14.5	14.2	14.17	20.85	21.93	14.2	14.3	12.73	14.76
Higher Heating Value	925	961	921	914	948	923	932	929	906	905	606	1253	906	910	836	939
Carbon Content	0.72	0.73	0.71	0.72	0.73	0.72	0.73	0.72	0.72	0.72	0.34	0.73	0.72	0.72	0.72	0.73

Sample Date	02/01/12	01/30/12	01/27/12	01/23/12	01/20/12	01/18/12	01/16/12	01/13/12	01/11/12	01/09/12	01/06/12	01/04/12	01/02/12	12/30/11	12/28/11	12/26/11
Calculated CO2 Factor	107.27	107.69	111.27	109.44	108.42	108.88	110.34	108.72	108.67	111.61	110.36	112.03	111.72	110.95	112.28	112.24
Molecular Weight	14	13.7	14.75	14.3	14.26	14.43	14.47	14.33	14.23	15	14.8	15.2	17.98	14.77	15.52	15.69
Higher Heating Value	908	885	935	909	915	922	925	917	911	948	933	957	762	939	975	959
Carbon Content	0.72	0.72	0.73	0.72	0.72	0.72	0.73	0.72	0.72	0.73	0.72	0.73	0.49	0.73	0.73	0.71

Sample Date	12/23/11	12/21/11	12/19/11	12/16/11	12/14/11	12/12/11	12/09/11	12/07/11	12/05/11	12/02/11	11/30/11	11/28/11	11/25/11	11/23/11	11/21/11	11/18/11
Calculated CO2 Factor	118.67	111.62	112.89	112.94	113.36	112.23	109.31	112.68	110.86	112.32	111.78	108.37	108.50	110.91	112.43	110.24
Molecular Weight	19.02	14.78	15.7	15.5	15.91	15.37	14.55	15.4	14.9	15.59	15.2	14.02	14.27	14.67	16.4	14.8
Higher Heating Value	1146	934	981	968	990	966	926	964	935	979	946	900	915	933	902	934
Carbon Content	0.74	0.73	0.73	0.73	0.73	0.73	0.72	0.73	0.72	0.73	0.72	0.72	0.72	0.73	0.64	0.72

Sample Date	11/16/11	11/14/11	11/11/11	11/10/11	11/07/11	11/04/11	11/02/11	10/31/11	10/28/11	10/26/11	10/24/11	10/21/11	10/19/11	10/17/11	10/14/11	10/12/11
Calculated CO2 Factor	109.77	109.73	110.84	109.23	112.18	108.33	111.48	111.28	111.16	111.33	111.77	115.31	114.10	116.72	110.10	113.49
Molecular Weight	14.5	14.4	15.12	14.25	15.3	13.89	14.92	15.1	15.26	15.17	14.88	16.64	16.6	17.43	14.75	15.8
Higher Heating Value	919	913	949	895	962	892	944	944	955	948	939	990	984	1010	932	982
Carbon Content	0.72	0.72	0.72	0.71	0.73	0.72	0.73	0.72	0.72	0.72	0.73	0.71	0.7	0.7	0.72	0.73

Sample Date	10/07/11	10/05/11	10/04/11	10/03/11	09/30/11	09/28/11	09/28/11	09/26/11	09/23/11	09/21/11	09/19/11	09/16/11	09/14/11	09/12/11	09/09/11	09/08/11
Calculated CO2 Factor	113.45	137.56	112.77	112.30	113.65	115.09	112.53	109.88	113.77	114.33	113.22	112.27	112.43	111.07	114.23	110.22
Molecular Weight	16.1	36.66	15.78	15.3	15.71	16.16	17	14.61	15.8	16.63	16.1	15.28	15.27	15.61	16.37	14.56
Higher Heating Value	1001	1442	987	961	975	1004	832	925	993	1040	1003	960	958	937	997	919
Carbon Content	0.73	0.56	0.73	0.73	0.73	0.74	0.57	0.72	0.74	0.74	0.73	0.73	0.73	0.69	0.72	0.72

Sample Date	09/07/11	09/04/11	09/04/11	09/02/11	09/02/11	08/31/11	08/29/11	08/26/11	08/24/11	08/22/11	08/19/11	08/17/11	08/15/11	08/12/11	08/10/11	08/08/11
Calculated CO2 Factor	107.36	115.81	113.68	111.85	113.09	113.70	110.97	113.76	111.57	108.34	111.45	111.55	111.86	110.81	110.16	110.96
Molecular Weight	13.92	16.18	15.81	15.19	15.6	16.2	15.17	16.09	14.9	15.22	15.2	15.12	15.24	14.72	14.65	14.74
Higher Heating Value	902	999	981	971	973	1005	951	943	942	828	962	943	961	937	938	937
Carbon Content	0.72	0.74	0.73	0.74	0.73	0.73	0.72	0.69	0.73	0.61	0.73	0.72	0.73	0.73	0.73	0.73

Sample Date	08/05/11	08/03/11	08/01/11	07/29/11	07/27/11	07/25/11	07/22/11	07/20/11	07/18/11	07/15/11	07/13/11	07/11/11	07/08/11	07/06/11	07/06/11	07/06/11
Calculated CO2 Factor	108.46	109.01	111.13	112.11	120.68	112.14	116.08	114.67	116.08	113.63	113.29	113.21	113.41	112.33	115.89	120.26
Molecular Weight	14.14	14.4	14.92	15.1	19.2	15.2	17.12	16.17	16.87	16.43	15.5	15.81	15.87	15.24	16.84	18.26
Higher Heating Value	907	919	947	950	1030	943	1026	981	997	964	965	985	987	957	1039	1115
Carbon Content	0.72	0.72	0.73	0.73	0.67	0.72	0.72	0.72	0.71	0.69	0.73	0.73	0.73	0.73	0.74	0.76

Sample Date	07/05/11	07/04/11	07/03/11	07/03/11	07/01/11	06/30/11	06/30/11	06/29/11	06/27/11	06/27/11	06/27/11	06/26/11	06/25/11	06/25/11	06/24/11	06/22/11
Calculated CO2 Factor	116.94	124.66	125.15	111.37	119.96	120.51	113.94	110.85	124.23	125.81	109.96	116.91	114.27	124.25	111.61	119.99
Molecular Weight	17.14	22.11	22.54	15.16	18.59	19.48	15.92	14.77	21.26	22.01	14.51	16.94	15.87	21.31	15.08	18.81
Higher Heating Value	1048	1251	1340	947	1123	1187	999	927	1174	1234	918	1036	993	1276	953	1136
Carbon Content	0.74	0.73	0.77	0.72	0.75	0.76	0.74	0.72	0.71	0.73	0.72	0.74	0.74	0.77	0.73	0.75

Sample Date	06/20/11	06/20/11	06/17/11	06/15/11	06/13/11	06/10/11	06/08/11	06/06/11	06/03/11	06/01/11	05/30/11	05/27/11	05/25/11	05/23/11	05/20/11	05/18/11
Calculated CO2 Factor	119.93	118.22	111.98	111.88	119.96	112.90	113.24	112.80	112.40	112.22	111.41	110.52	106.73	109.85	113.48	111.78
Molecular Weight	18.9	18.14	15.4	15.18	18.64	15.45	15.88	15.32	15.51	15.4	15.4	15.01	14.68	14.39	16.1	15.3
Higher Heating Value	1142	1112	970	957	1036	952	962	958	960	968	975	958	824	924	987	939
Carbon Content	0.75	0.75	0.73	0.73	0.69	0.72	0.71	0.73	0.72	0.73	0.73	0.73	0.62	0.73	0.72	0.71

Sample Date	05/16/11	05/11/11	05/09/11	05/06/11	05/04/11	05/03/11	05/02/11	04/29/11	04/27/11	04/25/11	04/22/11	04/20/11	04/18/11	04/15/11	04/13/11	04/11/11
Calculated CO2 Factor	113.77	111.88	111.21	110.84	111.75	110.93	110.87	113.72	119.03	112.11	106.91	110.52	111.60	110.16	102.81	105.44
Molecular Weight	16.5	15.02	15.4	15.2	15.1	14.83	14.63	15.83	18.3	15.1	13.6	14.6	15.3	14.4	12.51	12.88
Higher Heating Value	1037	934	950	954	940	943	918	955	1025	950	885	919	967	922	823	838
Carbon Content	0.74	0.72	0.71	0.72	0.72	0.73	0.72	0.71	0.69	0.73	0.72	0.72	0.73	0.73	0.7	0.71

Sample Date	04/08/11	04/06/11	04/04/11	04/01/11	03/30/11	03/28/11	03/25/11	03/23/11	03/16/11	03/14/11	03/11/11	03/09/11	03/07/11	03/04/11	03/02/11	02/28/11
Calculated CO2 Factor	110.45	107.91	110.94	109.43	111.69	109.90	106.54	101.29	97.51	101.32	99.61	95.18	98.33	103.10	104.57	106.67
Molecular Weight	14.5	14.1	14.8	14.33	14.9	14.77	13.4	12.4	11.35	12.17	11.9	10.65	11.5	12.76	13.2	13.6
Higher Heating Value	926	909	941	911	941	896	875	828	776	824	808	746	791	861	866	887
Carbon Content	0.73	0.72	0.73	0.72	0.73	0.69	0.72	0.7	0.69	0.71	0.7	0.69	0.7	0.72	0.71	0.72

Sample Date	02/28/11	02/25/11	02/23/11	02/21/11	02/18/11	02/16/11	02/14/11	02/11/11	02/09/11	02/07/11	02/04/11	02/02/11	01/31/11	01/26/11	01/24/11	01/21/11
Calculated CO2 Factor	105.42	108.24	106.44	106.78	109.45	110.86	112.93	114.13	113.14	111.64	111.38	113.22	114.22	112.67	114.68	106.52
Molecular Weight	13.2	13.8	13.7	13.9	14.4	15.12	15.61	16.1	16.1	15.1	14.97	15.77	16.38	15.8	16.6	13.4
Higher Heating Value	859	887	883	893	928	962	975	995	990	941	948	969	970	962	993	863
Carbon Content	0.71	0.72	0.71	0.71	0.73	0.73	0.73	0.73	0.72	0.72	0.73	0.72	0.7	0.71	0.71	0.71

Sample Date	01/19/11	01/17/11	01/14/11	01/12/11	01/10/11	01/07/11	01/05/11	01/03/11	AVERAGE	STANDARD DEVIATION	AVERAGE PLUS 2 STANDARD DEVIATIONS	
Calculated CO2 Factor	110.53	103.11	102.80	106.63	111.72	113.12	109.81	109.66	110.60	4.34	119.29	
Molecular Weight	14.49	12.34	12.6	13.61	15.51	15.7	14.3	14.58				
Higher Heating Value	912	821	829	851	939	979	906	925				
Carbon Content	0.72	0.71	0.7	0.69	0.7	0.73	0.72	0.72				