

Pacific Custom Materials
Kiln 3 - Report for Month of September 2009
CO Emissions

Title V Permit Limit = 2,000 Parts per million

Units: Parts per million
Interval: 1-hour average

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Max	Avg
1	0.46	0.22	0.32	0.74	0.47	0.62	0.02	0.08	0.03	0.37	0.47	0.32					0.86	1.04	0.02	0.06	0.35	0.20	0.00	0.02	1.04	0.33
2	0.27	0.60	0.75	0.23	0.85	0.87	0.14	0.01	0.09	0.45	1.56	1.64	0.81	0.07	0.39	0.32	0.09	0.00	0.04	0.97	0.21	0.01	0.82	1.52	1.64	0.53
3	0.25	3.14	10.33	2.01	3.05	3.00	2.85	4.56	0.70	0.08	0.59	0.89	2.38	5.72	0.25	1.60	4.24	3.62	0.63	1.23	4.72	6.05	2.44	1.53	10.33	2.74
4	2.50	2.67	4.88	5.25	2.04	0.25	2.55	6.69	4.12	3.13	6.48	3.38	3.23	1.64	0.44	0.54	2.00	1.88	2.04	1.04	1.84	2.45	1.88	0.98	6.69	2.66
5	2.82	2.46	2.10	1.78	2.00	2.34	1.21	0.75	1.86	1.41	0.93	2.68	3.28	4.49	5.92	1.87	1.06	2.16	1.38	0.78	0.31	0.20	1.97	4.37	5.92	2.09
6	3.90	2.01	0.93	0.86	0.48	0.06	0.61	3.47	1.30	0.92	1.23	0.08	0.53	2.34	0.37	1.56	2.75	0.97	0.40	1.60	2.31	0.23	3.07	7.91	7.91	1.66
7	3.75	0.33	0.55	3.40	4.37	3.13	2.82	1.90	3.03	1.64	0.57	2.26	1.99	0.52	0.35	1.80	0.80	0.07	0.32	0.00	0.18	2.38	5.94	1.78	5.94	1.83
8	0.47	0.40	2.02	2.10	0.03	0.00	0.01	0.37	0.60	0.22	0.01	0.00	0.43	0.37	0.00	0.06	0.13	0.21	0.43	0.52	1.86	2.30	1.01	0.22	2.30	0.57
9	0.56	0.23	0.03	0.33	0.35	0.03	0.14	0.35	0.48	0.42	0.70	1.61	0.17	0.00	0.03	0.09	0.02	0.00	0.04	0.65	0.74	0.00	0.00	0.01	1.61	0.29
10	15.74	4.89	1.27	0.55	0.68	0.25	1.34	0.20	5.29	1.70	1.86	4.26	3.16	0.35	0.96	6.17	10.21	3.97	2.25	0.61	0.09	1.78	3.87	1.85	15.74	3.05
11	2.58	0.19	0.37	0.35	0.64	2.08	1.37	1.88	0.78	0.64	1.93	0.30	1.78	4.09	1.49	0.74	1.99	2.20	0.11	0.20	0.72	1.45	0.21	0.73	4.09	1.20
12	3.42	2.67	1.11	0.12	0.05	0.02	0.28	0.84	3.70	9.42	2.68	1.27	1.19	1.09	0.40	1.09	5.13	2.56	1.32	4.30	0.39	2.46	1.82	1.47	9.42	2.03
13	1.72	1.88	5.18	7.30	7.34	2.69	0.43	2.03	1.66	1.46	2.37	2.46	1.37	3.27	7.33	7.41	2.10	4.49	4.42	4.38	4.66	3.82	6.30	2.24	7.41	3.68
14	1.12	1.94	0.52	0.94	0.52	0.62	0.35	0.46	1.86	4.07	2.56	2.16	2.05	1.68	1.00	0.15	1.21	4.98	1.03	1.72	0.56	3.14	2.65	2.81	4.98	1.67
15	2.99	1.21	0.67	2.81	1.01	0.66	1.10	0.27	2.00	1.50	0.60	0.36	1.48	2.46	1.86	3.30	4.00	3.05	5.15	2.96	1.26	1.84	4.90	3.08	5.15	2.10
16	1.58	1.32	1.09	0.88	0.88	0.09	2.71	4.03	3.77	5.70	3.56	1.61	3.67	4.15	1.47	5.13	2.41	2.53	4.84	1.80	1.01	1.79	8.73	1.44	8.73	2.76
17	1.31	3.38	3.43	5.05	9.23	10.37	8.39	10.66	30.35	33.58	37.95	77.61	99.87	247.05	181.18	41.83	40.11	0.74	3.84	8.98	34.75	4.73	2.72	3.57	247.05	37.53
18	0.45	3.92	6.87	0.90	0.22	0.56	4.77	4.56	4.67	5.79	11.48	23.57	24.89	7.31	11.22	0.71	0.52	2.61	2.33	5.38	5.17	3.44	1.52	0.86	24.89	5.57
19	0.96	1.11	3.18	8.41	5.87	3.53	1.06	2.50	0.23	8.13	13.07	129.13	164.15	98.47	89.35	23.81	14.41	9.24	1.81	16.53	16.07	5.16	16.71	17.51	164.15	27.10
20	5.11	0.28	0.33	2.58	4.31	2.27	1.76	7.23	54.27	136.15	124.30	168.29	187.02	266.41	270.48	157.95	120.68	145.12	104.35	56.16	64.37	121.31	146.74	128.85	270.48	94.85
21	109.93	101.60	94.46	50.41	84.93	112.53	127.08	151.91	262.85	336.41	305.84	297.91	309.26	313.39	293.16	228.69	188.39	140.50	359.48	196.97	2.43	1.11	5.49	3.21	359.48	169.91
22	2.67	1.12	5.64	2.36	0.80	0.97	2.65	1.99	5.88	14.64	15.01	11.15	16.83	8.87	9.90	19.47	19.71	6.60	4.66	8.85	27.87	35.05	32.48	25.80	35.05	11.71
23	7.66	9.35	5.67	6.81	8.84	2.14	13.39	25.68	65.90	119.06	154.90	143.29	124.44	212.40	156.69	1.92	3.01	0.48	1.24	6.87	7.75	16.68	13.46	12.26	212.40	46.66
24	10.61	14.74	6.40	2.75	6.10	2.83	11.22	18.16	58.89	125.18	139.07	187.54	241.46	268.65	172.36	122.52	102.80	57.28	78.81	44.03	4.39	3.08	1.61	4.92	268.65	70.23
25	4.21	0.42	0.47	1.69	4.75	24.05	47.97	64.40	146.03	128.18	4.14	18.73	11.69	9.53	12.59	8.63	15.21	66.94	68.16	135.79	246.81	129.62	16.02	6.62	246.81	48.86
26	33.90	19.76	14.32	6.91	19.53	15.21	14.05	21.15	92.87	166.54	163.32	125.87	118.01	180.30	156.54	91.92	137.83	132.54	64.08	160.18	67.64	5.25	8.45	16.92	180.30	76.38
27	28.43	17.81	16.88	30.06	23.05	22.00	18.91	11.00	52.40	55.28	8.09	9.92	12.50	13.99	21.65	86.81	138.86	268.81	267.19	285.07	269.15	47.45	5.15	13.04	285.07	71.81
28	16.40	10.02	7.24	5.82	6.96	6.64	1.42	3.45	10.29	10.00	6.88	1.61	8.13	28.50	23.01	29.74	23.08	32.65	77.34	77.97	8.08	7.56	6.66	7.50	77.97	17.37
29	5.01	3.53	9.14	7.35	8.49	2.84	1.79	6.62	11.39	5.97	9.35	32.33	65.98	70.83	41.76	28.78	16.24	21.69	16.94	23.43	10.77	3.62	0.93	3.12	70.83	17.00
30	8.62	8.77	5.89	2.32	2.42	4.23	1.86	0.38	5.15	5.97	1.99	2.64	4.90	8.04	11.60	9.12	3.93	3.80	4.94	8.16	4.28	6.96	10.26	8.16	11.60	5.60
Max	109.93	101.60	94.46	50.41	84.93	112.53	127.08	151.91	262.85	336.41	305.84	297.91	309.26	313.39	293.16	228.69	188.39	268.81	359.48	285.07	269.15	129.62	146.74	128.85	359.48	24.33
Avg	9.31	7.40	7.07	5.44	7.01	7.56	9.14	11.92	27.75	39.47	34.12	41.83	48.85	60.90	50.82	30.47	28.79	30.76	35.99	35.24	26.36	14.04	10.46	9.48		

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1	38.93	32.38	27.61	14.98	0.00	0.00	0.44	3.86	0.66	0.66	0.89	0.00				0.00	0.02	0.53	0.64	0.00	0.00	0.00	0.00	39.39	39.39	7.67
2	59.13	38.21	32.22	28.83	21.22	24.74	26.88	24.57	35.21	33.81	30.98	23.57	21.97	23.78	22.14	23.74	24.59	28.19	13.94	25.08	31.14	35.60	31.49	24.16	59.13	28.55
3	24.98	25.15	29.67	26.52	28.56	30.27	28.58	26.35	25.76	28.65	26.74	28.63	77.03	76.98	45.46	34.58	36.13	29.60	29.22	22.87	19.04	22.24	30.14	36.59	77.03	32.91
4	37.20	41.53	41.57	39.93	41.88	35.54	33.81	35.01	48.30	45.95	46.80	50.19	39.83	30.51	34.01	33.60	35.21	32.26	26.65	21.19	20.48	32.62	35.80	38.09	50.19	36.58
5	32.82	41.74	40.17	40.29	35.40	37.31	38.98	38.62	37.19	37.97	31.02	33.64	35.77	30.45	31.44	31.29	27.41	48.14	28.23	22.69	32.39	32.78	30.38	38.39	48.14	34.77
6	36.25	36.00	43.66	49.76	41.32	36.49	32.07	41.58	39.38	33.40	23.41	12.60	10.64	17.80	37.77	47.28	24.95	16.89	27.30	32.49	34.43	41.18	41.54	43.25	49.76	33.39
7	43.60	47.20	42.63	36.91	34.95	30.28	33.57	30.93	34.13	38.50	26.03	15.72	13.42	24.87	27.79	28.16	31.12	26.80	22.68	23.68	25.92	26.43	33.30	30.54	47.20	30.38
8	25.90	28.22	30.24	23.78	26.92	37.65	37.98	29.79	27.17	36.52	27.34	17.88	18.31	14.40	19.98	21.86	26.25	23.80	19.50	19.66	18.39	14.01	26.74	29.51	37.98	25.07
9	23.98	22.90	24.68	29.84	28.43	26.98	30.97	33.41	28.13	30.42	30.16	19.24	14.09	19.30	21.75	14.14	9.93	17.10	23.03	22.41	18.99	12.82	29.55	42.21	42.21	23.93
10	38.53	36.53	50.93	48.58	40.15	41.58	42.32	53.62	53.60	54.15	51.70	35.76	32.89	28.81	34.97	42.06	53.55	51.25	47.29	39.13	37.21	36.96	34.63	44.52	54.15	42.95
11	42.73	47.16	48.76	42.85	37.26	44.41	40.34	42.92	46.88	47.68	47.88	37.96	27.93	43.01	47.23	44.34	53.15	42.55	45.97	39.27	46.68	52.98	48.08	40.72	53.15	44.11
12	38.99	33.66	34.26	40.05	44.27	45.80	46.14	44.06	52.61	51.95	51.29	48.32	33.83	33.35	47.82	52.47	65.55	56.02	52.35	41.05	51.32	53.22	54.29	51.89	65.55	46.86
13	47.15	43.83	47.80	44.14	44.52	53.21	50.46	38.36	47.34	53.84	48.42	41.62	36.82	43.06	43.05	40.83	35.46	31.27	37.15	37.92	43.34	50.67	46.90	44.38	53.84	43.81
14	36.45	34.64	37.25	42.99	50.08	43.50	51.72	58.57	56.24	41.37	37.53	43.53	46.55	45.16	37.55	42.50	47.99	40.80	41.88	41.19	44.76	50.66	50.23	45.94	58.57	44.54
15	54.52	57.75	61.64	56.26	59.36	56.25	54.87	56.70	56.11	57.71	62.66	53.37	40.88	41.45	51.91	55.98	49.60	47.18	52.02	43.79	43.99	48.95	47.75	48.87	62.66	52.48
16	54.83	55.52	46.77	41.13	44.22	42.58	37.90	43.40	45.97	41.89	50.30	51.44	48.25	43.26	41.41	27.58	37.76	45.21	45.41	40.47	40.17	47.78	49.68	47.09	55.52	44.58
17	45.70	52.72	46.69	42.98	45.10	42.35	43.45	42.93	44.96	56.88	53.58	35.36	66.04	41.07	44.59	41.76	37.08	42.53	20.25	21.66	31.50	28.50	32.35	31.62	66.04	41.32
18	31.88	42.27	40.39	38.54	34.60	37.33	36.63	35.27	39.79	52.21	48.51	21.16	18.29	25.02	33.20	44.16	37.54	25.38	31.02	23.16	29.39	34.24	32.99	36.31	52.21	34.55
19	58.52	1.42	13.18	56.86	43.15	51.33	50.55	46.55	47.61	54.89	57.36	47.62	27.80	34.68	23.62	30.39	41.00	51.19	47.73	49.30	42.33	41.46	45.42	51.44	58.52	42.31
20	43.18	34.43	36.91	41.87	53.15	37.71	42.21	49.45	48.67	46.68	38.40	34.91	31.60	35.30	39.64	48.26	40.79	43.73	41.44	37.26	41.26	37.81	40.37	36.95	53.15	40.92
21	43.40	41.58	44.51	49.16	42.33	44.46	43.86	42.80	90.21	64.02	0.19	0.27	0.25	0.63	0.27	1.05	0.87	0.40	0.04	0.00	0.00	0.00	0.05	11.15	90.21	21.73
22	7.81	0.01	0.22	0.08	0.00	34.68	59.16	51.81	46.00	49.62	35.58	37.98	30.18	6.24	46.62	33.03	15.67	19.92	23.76	20.80	19.24	21.62	24.62	27.83	59.16	25.52
23	22.86	22.94	23.69	28.10	29.48	29.55	24.41	27.75	35.53	43.13	44.60	38.73	32.84	9.34	45.33	22.39	6.74	1.97	0.00	14.31	53.92	44.93	40.06	43.53	53.92	28.59
24	40.31	37.57	37.99	37.62	41.29	36.09	37.68	43.24	38.32	45.37	39.44	20.42	10.68	20.47	24.52	25.78	29.56	20.61	22.49	30.86	36.59	34.33	30.93	27.16	45.37	32.05
25	34.77	31.80	37.89	40.67	42.14	38.32	32.28	28.57	37.29	41.76	25.36	19.47	27.64	20.57	22.00	36.23	34.96	34.89	38.19	46.48	74.83	49.37	45.20	46.73	74.83	36.98
26	51.61	48.02	29.94	33.81	47.90	37.90	38.01	38.65	51.86	94.35	73.68	40.97	46.87	90.25	93.56	148.75	152.33	234.74	194.43	175.03	110.34	37.90	45.55	48.40	234.74	81.87
27	58.19	72.38	40.04	29.16	26.14	26.85	31.65	33.68	35.50	45.72	92.48	38.83	27.73	19.26	9.29	38.12	45.10	38.97	22.29	5.22	9.82	19.14	28.32	26.59	92.48	34.19
28	21.67	26.51	27.25	24.70	23.69	26.81	27.11	22.44	34.24	39.47	65.81	18.38	13.93	23.19	23.57	21.19	31.72	20.57	21.48	24.78	25.37	28.11	27.73	24.67	65.81	26.85
29	25.92	32.81	32.17	28.02	36.69	37.35	33.82	30.31	30.51	38.71	34.85	29.13	30.34	35.45	38.54	36.73	36.44	41.41	29.33	27.75	32.95	35.76	30.84	30.38	41.41	33.17
30	31.20	33.18	35.65	33.92	23.74	25.71	28.86	34.05	33.01	33.27	37.68	36.56	36.88	33.24	37.72	36.15	35.18	37.42	36.89	33.66	39.20	39.51	28.89	31.90	39.51	33.89
Max	59.13	72.38	61.64	56.86	59.36	56.25	59.16	58.57	90.21	94.35	92.48	53.37	77.03	90.25	93.56	148.75	152.33	234.74	194.43	175.03	110.34	53.22	54.29	51.89	234.74	36.22
Avg	38.43	36.67	36.21	36.41	35.60	36.44	37.22	37.64	41.61	44.69	41.36	31.11	31.01	31.41	35.40	36.81	36.79	38.38	34.75	32.77	35.17	33.72	34.79	37.34		

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