

**Pacific Custom Materials
Kiln 3 - Report for Month of June 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	14.69	11.76	12.87	16.45	13.61	6.91	10.50	16.29	15.96	21.07	13.23	15.16	16.69	17.88	19.43	13.48	10.91	13.93	16.51	18.54	20.40	18.36	10.37	13.59	21.07	14.94
2	17.89	16.00	13.46	15.57	20.47	15.15	8.95	12.36	12.89	10.15	13.10	13.81	9.92	12.28	13.02	16.76	20.64	18.45	16.23	12.40	13.85	15.18	14.04	16.04	20.64	14.53
3	14.01	13.89	13.18	10.66	11.12	12.26	11.84	13.63	10.49	9.72	15.60	18.32	17.04	15.83	11.64	12.00	11.76	11.62	12.71	11.68	14.35	14.28	14.40	12.52	18.32	13.11
4	17.84	11.23	15.68	13.63	12.13	7.99	9.11	8.06	12.32	14.09	13.97	9.79	5.84	7.24	12.00	9.30	7.80	3.27	6.61	8.90	9.05	9.18	8.10	8.84	17.84	10.08
5	11.86	11.84	8.35	7.89	10.68	8.82	6.16	4.63	12.44	15.33	13.96	14.16	13.48	13.69	11.44	9.78	11.49	11.99	9.73	4.85	9.91	13.90	16.99	14.37	16.99	11.16
6	13.44	13.61	14.22	18.81	15.89	12.84	16.97	18.31	19.50	16.42	17.82	15.30	13.50	13.34	12.47	12.02	12.25	10.78	6.56	10.25	13.74	20.06	16.08	10.95	20.06	14.38
7	13.71	15.95	11.11	14.54	17.38	18.12	15.80	19.89	16.77	19.09	14.63	10.14	13.48	15.46	17.59	23.05	16.38	13.31	16.66	16.11	12.64	12.52	14.86	12.94	23.05	15.50
8	13.99	14.20	14.35	13.15	14.02	14.83	16.13	18.03	13.58	16.33	14.41	16.66	13.20	10.24	9.10	16.32	17.78	13.15	9.87	6.28	6.53	13.62	15.40	11.61	18.03	13.45
9	11.80	8.51	8.31	10.93	11.55	12.59	12.89	12.18	7.96	10.49	16.95	11.27	9.49	12.78	18.51	63.35	15.67	13.54	16.49	15.22	16.81	23.04	16.32	9.80	63.35	15.27
10	11.78	17.00	15.86	16.84	21.43	16.42	12.75	16.04	13.79	15.53	12.90	11.26	11.72	16.88	15.99	14.11	16.90	16.33	12.64	9.52	7.24	7.71	8.83	11.72	21.43	13.80
11	13.95	12.21	13.02	17.63	15.48	14.26	15.25	14.63	13.84	12.10	10.14	12.31	11.90	9.60	11.35	10.96	13.12	14.56	9.75	13.93	15.23	19.45	13.94	11.34	19.45	13.33
12	14.21	16.36	17.37	12.80	12.70	15.67	10.93	12.40	15.80	16.63	7.11	9.79	12.77	10.26	11.74	19.16	19.79	20.36	22.89	21.27	25.56	19.94	20.32	18.55	25.56	16.02
13	14.11	16.92	16.24	14.16	11.85	12.85	16.90	13.69	15.24	14.85	15.12	11.34	12.15	10.47	13.10	15.41	13.83	12.78	14.04	9.91	7.80	8.59	10.10	12.29	16.92	13.07
14	11.70	10.45	7.71	14.08	16.04	8.14	11.18	14.47	12.35	9.26	12.42	15.57	17.35	20.18	20.26	14.70	14.28	13.44	14.81	16.29	16.34	14.75	12.15	9.03	20.26	13.62
15	13.05	15.30	9.94	6.19	10.54	12.57	13.56	13.65	12.94	7.75	11.53	10.72	17.43	18.72	11.38	11.46	14.56	26.04	22.14	15.35	12.07	16.50	18.26	12.33	26.04	13.91
16	13.11	11.36	13.43	15.12	13.07	12.03	11.42	13.75	11.46	9.19	17.32	13.94	10.88	12.05	8.62	12.29	14.88	19.09	18.06	15.05	14.68	8.58	16.53	16.23	19.09	13.42
17	10.44	11.84	10.76	11.58	14.95	12.56	13.22	11.69	10.96	12.65	10.32	14.05	19.73	14.43	12.86	12.75	17.92	128.02	176.87	116.47	107.62	19.60	17.34	18.68	176.87	33.64
18	21.58	15.67	13.12	8.76	8.59	7.66	6.82	5.19	6.00	6.76	9.20	7.73	4.88	6.29	5.53	3.48	5.92	3.61	3.40	6.05	4.54	3.82	4.64	4.73	21.58	7.25
19	4.99	5.93	5.43	5.69	4.23	6.28	8.24	5.82	4.62	5.60	8.43	6.17	4.46	5.30	3.89	2.85	3.08	2.68	5.48	8.28	5.03	3.72	2.38	2.41	8.43	5.04
20	5.30	4.47	3.71	2.37	5.00	5.02	5.79	5.68	3.89	7.44	6.18	4.33	3.48	2.76	4.20	5.49	4.04	2.31	2.53	4.25	4.53	3.80	4.89	6.06	7.44	4.48
21	4.59	5.75	5.90	5.13	4.96	4.88	4.47	4.06	6.40	7.50	6.24	5.04	3.50						6.60 E						7.50	5.26
22														4.28	3.99	6.02	6.30	2.66	1.02	2.80	3.51	3.73	4.24	4.35	6.30	3.90
23	4.98	5.70	5.74	5.96	6.17	4.22	4.92	6.05	5.33	4.62	4.10	2.99	7.14	5.96	3.19	1.99	4.07	4.75	5.19	4.64	4.69	3.57	3.82	3.92	7.14	4.74
24	3.95	5.43	4.55	4.25	2.93	3.50	4.28	5.27	7.42	3.37	4.20	5.74	4.21	5.22	4.52	4.95	7.86	9.33	4.41	3.54	3.31	3.04	4.42	5.12	9.33	4.78
25	5.96	4.66	4.38	5.44	3.15	4.38	5.79	3.95	6.44	4.08	2.86	3.53	4.42	6.37	6.69	3.50	3.22	5.00	5.50	4.52	4.04	4.09	2.94	2.15	6.69	4.46
26	4.50	4.58	3.60	5.84	6.69	4.98	4.45	4.60	4.54	5.87	8.20	8.42	3.68	4.79	5.64	3.99	4.34	2.90	4.40	4.04	6.47	5.44	2.87	3.76	8.42	4.94
27	3.37	5.09	6.30	3.78	3.58	5.37	4.99	5.41	3.00	0.98	4.01	3.94	5.45	5.59	5.56	6.86	7.76	7.14	4.24	3.89	5.08	5.09	5.34	2.88	7.76	4.78
28	2.38	3.99	6.00	4.02	3.45	3.50	4.31	4.93	3.95	5.50	7.49	8.43	5.70	2.89	2.80	5.46	6.12	6.64	4.88	2.79	3.93	3.07	3.29	5.71	8.43	4.63
29	4.40	3.27	5.46	5.78	4.56	5.00	5.54	5.27	3.34	4.35	5.18	6.40	4.26	2.20	3.03	5.68	4.27	3.26	3.30	3.50	2.62	3.13	1.84	2.84	6.40	4.10
30	4.07	2.43	3.25	2.01	4.84	5.39	2.35	3.82	5.70	5.83	5.81	4.85	4.30	4.57	2.15	1.25	5.58	4.06	3.25	2.04	5.32	5.72	5.08	4.33	5.83	4.08
Max	21.58	17.00	17.37	18.81	21.43	18.12	16.97	19.89	19.50	21.07	17.82	18.32	19.73	20.18	20.26	63.35	20.64	128.02	176.87	116.47	107.62	23.04	20.32	18.68	176.87	10.52
Avg	10.40	10.19	9.77	9.97	10.38	9.46	9.50	10.13	9.96	10.09	10.43	10.04	9.73	9.92	9.71	11.67	10.78	14.31	15.52	12.84	13.00	10.46	9.99	9.28		

'I' - Invalid
'M' - Maintenance
'W' - Caution

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'E' - Error
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	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	46.86	50.29	60.52	50.43	43.63	42.15	49.60	59.15	47.16	56.07	50.16	43.20	52.18	50.18	52.54	56.68	47.33	53.27	51.71	50.31	42.30	35.11	38.73	34.17	60.52	48.49	
2	42.29	43.40	59.01	70.79	67.27	60.48	50.23	57.53	52.51	75.66	60.40	50.62	45.99	41.94	43.51	41.70	40.08	38.47	32.95	37.57	40.88	41.28	60.87	61.84	75.66	50.72	
3	54.89	44.64	50.31	54.06	54.22	48.65	44.14	46.37	44.31	52.68	78.92	71.46	66.63	69.85	64.86	68.41	57.91	40.99	48.44	48.85	44.65	52.36	92.06	79.34	92.06	57.46	
4	58.93	50.87	55.58	56.12	56.88	72.87	69.11	93.66	84.10	119.07	82.57	63.30	55.25	64.08	64.15	49.62	45.56	52.04	50.10	45.67	87.70	114.69	153.72	205.90	205.90	77.15	
5	61.65	71.68	72.55	66.76	59.51	55.13	50.25	45.86	53.52	54.22	50.46	49.45	49.55	46.33	47.70	35.57	34.85	32.12	43.27	51.60	45.99	32.74	35.78	40.01	72.55	49.44	
6	45.41	46.69	40.80	44.10	50.02	52.91	43.93	42.89	46.78	46.28	49.19	47.05	45.19	80.53	105.09	102.68	102.73	105.73	94.84	62.77	49.20	53.76	51.86	54.41	105.73	61.04	
7	54.70	56.08	51.51	56.68	96.28	80.15	87.52	80.71	61.55	65.97	62.09	56.73	58.43	51.87	50.77	52.08	54.06	52.15	68.05	48.81	35.31	43.98	34.92	38.07	96.28	58.27	
8	37.90	36.43	40.88	36.26	61.05	103.31	85.52	66.27	59.99	48.77	42.44	45.81	39.10	29.25	38.31	45.87	46.41	44.81	44.57	43.09	43.18	48.58	58.11	60.41	103.31	50.26	
9	49.68	51.54	65.76	59.45	50.99	44.35	80.71	73.21	50.45	43.36	36.24	36.20	24.56	2.27	5.26	77.89	52.33	43.01	49.00	49.42	42.59	39.55	33.05	31.82	80.71	45.53	
10	37.37	30.28	31.10	41.52	47.44	57.96	60.54	62.56	55.14	49.33	63.35	50.55	40.69	39.42	38.86	28.79	34.05	30.81	36.20	32.23	29.77	34.62	34.58	36.89	63.35	41.84	
11	32.54	31.43	49.39	47.95	38.82	42.22	48.77	40.91	46.92	45.44	43.75	49.43	42.75	35.81	55.03	85.06	67.01	64.70	75.91	87.38	84.92	82.62	84.72	75.84	87.38	56.64	
12	66.05	66.74	64.51	58.27	47.70	42.93	54.99	53.98	50.55	53.74	50.35	43.07	39.18	53.38	60.46	43.76	45.53	59.15	66.82	59.35	58.29	64.45	67.14	68.42	68.42	55.78	
13	73.18	63.63	54.72	43.38	42.85	40.59	53.75	59.90	51.72	44.27	42.71	37.17	38.31	46.14	49.52	51.66	62.17	60.76	46.23	27.81	35.91	36.51	49.27	45.27	73.18	48.23	
14	40.47	34.67	28.42	43.52	48.23	53.02	53.60	61.49	58.51	57.05	66.32	64.74	56.95	54.32	53.26	47.74	40.46	38.76	40.55	32.87	35.47	36.14	44.90	49.92	66.32	47.56	
15	48.66	56.33	49.66	48.25	52.73	48.66	55.04	57.34	52.37	45.38	53.75	59.62	57.62	50.45	39.49	49.19	65.03	62.25	57.83	63.80	61.04	60.24	59.62	57.96	65.03	54.68	
16	60.19	58.87	57.58	54.71	48.73	40.41	55.42	55.82	48.59	46.55	54.36	54.62	54.69	54.02	19.41	47.11	67.25	57.39	61.94	59.60	54.10	70.69	82.94	66.97	82.94	55.50	
17	48.17	47.36	52.74	68.15	59.42	53.11	59.74	56.96	45.59	42.65	39.15	37.72	86.67	112.88	86.81	87.60	67.12	50.58	43.50	32.57	28.39	26.16	24.59	37.31	112.88	53.96	
18	39.51	33.72	29.58	1.40	0.06	0.02	0.01	0.17	0.36	0.33	0.78	0.44	0.04	0.26	0.30	0.44	0.02	0.12	0.00	0.00	0.02	0.01	0.00	0.01	39.51	4.48	
19	0.01	0.00	0.00	0.00	0.00	0.00	0.16	3.57	2.27	2.18	0.06	0.13	0.09	0.00	0.06	0.01	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	3.57	0.36	
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.01	0.00	0.03	0.00	0.19	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.03	
21	0.00	0.00	0.08	0.03	0.00	0.00	0.00	0.00	0.26	0.02	0.00	0.00	0.00						0.00 I						0.26	0.03	
22														0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	1.03	1.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.09	
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	1.31	2.57	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.57	0.18	
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.04	0.27	0.09	0.00	0.00	0.00	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.02	
26	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.02	
27	0.00	0.00	0.00	0.02	0.00	0.00	0.01	3.32	0.22	0.20	0.04	0.01	0.00	0.00	0.00	0.00	0.91	0.01	0.00	0.00	0.00	0.00	0.00	0.00	3.32	0.20	
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	1.15	0.14	0.00	0.00	0.02	0.04	0.01	0.05	0.15	0.00	0.00	0.01	0.00	0.00	0.00	0.00	1.15	0.09	
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	1.06	1.28	0.60	0.14	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.28	0.16	
30	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.01	2.97	3.75	2.47	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.75	0.39	
																									205.90	30.62	
Max	73.18	71.68	72.55	70.79	96.28	103.31	87.52	93.66	84.10	119.07	82.57	71.46	86.67	112.88	105.09	102.68	102.73	105.73	94.84	87.38	87.70	114.69	153.72	205.90			
Avg	30.98	30.16	31.54	31.10	31.93	32.38	34.59	35.32	31.64	33.01	32.13	29.79	29.45	30.45	30.19	33.52	32.11	30.59	31.45	28.75	28.27	30.12	34.72	36.02			

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