

**Pacific Custom Materials  
Kiln 3 - Report for Month of May 2008  
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	7.01	15.00	8.83	7.82	12.91	6.93	3.91	2.31	5.31	6.79	9.82	2.13	22.31	16.39	13.25	5.91	4.95	5.04	2.14	9.60	12.42	2.36	1.41	10.67	22.31	8.13	
2	26.03	24.72	24.18	10.61	19.90	9.82	9.13	8.84	11.35	4.53	2.43	6.57	7.34	6.62	6.57	10.02	12.72	12.38	10.47	25.10	18.33	11.03	13.30	4.46	26.03	12.35	
3	0.61	5.46	8.49	7.08	15.07	12.79	5.66	3.56	6.31	8.90	16.35	8.76	8.46	17.19	7.80	2.82	2.33	5.46	9.79	2.79	8.46	3.68	8.18	15.56	17.19	7.98	
4	12.84	2.70	0.72	4.45	7.19	10.44	1.67	0.81	0.97	4.75	8.21	1.27	2.30	1.30	5.84	18.81	10.89	8.20	7.29	7.42	3.54	3.00	12.55	5.28	18.81	5.94	
5	2.07	10.39	14.65	3.98	9.03	19.20	9.12	11.46	22.95	14.76	4.50	1.95	4.71	5.54	0.48	4.39	6.87	2.80	2.84	6.72	7.49	3.81	5.42	6.77	22.95	7.58	
6	7.28	9.60	4.29	4.18	17.23	8.72	0.65	0.01	4.03	2.32	4.49	4.06	3.88	2.20	2.77	6.92	8.51	1.74	0.93	2.24	1.55	3.55	12.03	15.76	17.23	5.37	
7	15.77	16.76	6.76	4.19	5.07	3.80	1.39	0.28	0.28	1.14	4.63	3.05	5.04	8.56	6.00	9.27	48.31	32.54	22.95	34.23	39.04	43.58	25.04	12.73	48.31	14.60	
8	30.62	34.38	39.12	38.39	39.71	45.09	29.00	31.38	48.64	53.50	27.50	14.17	53.89	43.00	30.88	36.20	46.90	56.17	70.36	57.98	32.37	21.29	41.69	47.43	70.36	40.40	
9	29.44	41.15	32.37	34.29	52.75	47.96	55.75	58.81	50.01	27.85	38.59	51.85	62.17	55.69	62.91	59.72	35.18	30.36	38.55	44.22	42.27	41.68	62.07	30.31	62.91	45.25	
10	22.86	16.46	12.43	25.31	38.37	46.86	49.47	28.67	57.74	50.34	42.52	36.02	36.28	42.13	22.90	30.02	29.83	33.20	59.94	68.18	53.18	43.63	47.85	59.05	68.18	39.72	
11	91.82	126.53	429.79	305.16	159.69	67.60	29.83	58.75	109.10	176.49	110.62	102.17	515.18	156.62	62.43	526.82	83.94	135.85	151.82	146.55	235.29	279.20	153.80	120.66	526.82	180.65	
12	315.43	183.32	136.47	242.61	147.47	203.85	306.13	269.13	310.56	454.51	125.18	130.36	175.87	158.86	133.81	157.05	149.46	65.71	74.45	549.14	219.80	165.49	163.40	141.97	549.14	207.50	
13	119.77	105.67	139.51	123.05	96.76	134.42	134.64	115.58	65.82	152.18	186.02	134.92	149.30	102.96	99.92	317.67	476.86	487.45	961.52	466.77	204.64	319.89	864.69	739.79	961.52	279.16	
14	553.08	147.10	69.66	96.61	99.10	107.46	58.58	51.09	111.56	134.89	105.31	123.44	118.39	92.67	102.23	108.07	97.40	93.41	94.53	85.14	93.63	91.30	111.94	127.18	553.08	119.74	
15	110.64	103.11	105.78	119.34	116.46	95.81	106.94	122.64	84.92	126.17	141.82	107.77	185.73	403.11	860.97	275.03	682.18	632.69	1192.44	511.96	101.20	99.29	95.08	97.86	1192.44	269.96	
16	99.90	114.49	113.51	121.45	147.39	155.99	159.13	167.18	226.95	215.24	157.88	335.39	143.18	221.80	160.05	401.90	588.52	347.83	363.04	205.66	160.68	124.52	155.92	233.50	588.52	213.38	
17	184.81	200.55	88.12	104.79	126.33	149.69	163.84	119.68	265.81	511.67	827.75	1171.14	1143.55	954.38	903.35	704.66	631.32	238.81	153.23	71.53	82.89	81.76	77.46	65.47	1171.14	375.94	
18	70.55	97.95	107.06	166.22	286.00	173.41	106.13	96.85	121.03	164.35	207.51	199.37	650.36	778.35	523.87	414.02	465.47	371.65	113.35	106.30	126.97	105.93	98.31	79.46	778.35	234.60	
19	101.23	77.35	50.94	36.13	37.42	49.74	36.93	18.00	43.07	54.04	46.24	35.21	53.78	50.86	60.27	58.25	50.77	50.73	44.57	53.35	65.26	31.79	39.06	43.48	101.23	49.52	
20	49.41	67.14	67.50	29.33	15.03	35.21	40.63	42.19	30.34	24.41	64.87	52.47	32.02	38.91	32.33	48.50	68.89	60.21	87.22	60.71	49.76	83.81	155.42	230.43	230.43	61.12	
21	239.81	179.72	112.21	144.70	133.79	216.60	420.61	405.64	179.18	791.13	1072.75	350.78	295.96	124.66	119.44	227.45	553.32	1262.93	660.71	129.54	94.09	110.64	88.41	62.88	1262.93	332.37	
22	76.21	66.46	99.85	72.45	87.92	102.73	97.60	127.24	125.45	110.86	88.25	101.43	188.44	146.94	182.32	157.48	161.83	213.89	130.75	98.10	69.24	58.83	63.68	78.18	213.89	112.76	
23	97.17	111.64	73.39	67.54	92.59	75.39	75.02	62.47	71.51	83.69	125.44	141.29	145.81	92.35	88.47	95.77	97.87	83.68	67.10	84.17	82.58	98.10	96.32	138.61	145.81	93.67	
24	113.31	106.85	112.26	71.96	109.36	97.23	67.02	92.20	86.53	114.27	115.47	107.67	82.08	113.04	135.36	126.38	88.73	67.72	82.34	98.34	119.28	134.15	119.20	98.23	135.36	102.46	
25	78.75	86.62	87.78	115.85	93.17	90.50	148.88	180.64	202.93	173.05	154.90	156.37	114.02	112.46	132.90	152.43	149.81	100.17	99.03	97.86	98.24	204.48	109.77	115.74	204.48	127.35	
26	106.39	127.47	125.59	96.84	104.35	135.95	129.23	119.74	178.19	156.91	90.71	123.66	70.58	63.34	72.00	102.62	362.96	576.88	197.24	144.46	167.28	133.26	140.25	178.02	576.88	154.33	
27	139.73	135.01	136.57	156.51	169.95	106.01	111.62	143.54	166.61	144.15	118.25	19.22	34.61	20.96	14.91	12.92	13.95	11.71	11.04	31.53	30.79	14.76	10.16	16.39	169.95	73.79	
28	13.08	14.67	14.97	16.08	19.17	15.80	11.14	11.05	29.23	11.72	9.41	9.80	4.29	5.18	8.62	9.82	8.14	4.33	3.55	4.64	4.39	4.42	4.32	4.70	29.23	10.10	
29	4.06	3.37	4.66	6.46	3.50	4.60	4.56	3.28	3.41	6.25	4.47	6.20	7.21	6.68	4.90	4.91	5.15	4.71	5.13	4.71	6.32	6.10	3.91	5.65	7.21	5.01	
30	12.23	15.24	15.92	17.48	25.40	72.70	22.70	19.98	20.72	22.61	26.67	130.14	103.93	47.97	24.52	17.63	78.57	43.12	17.37	14.09	13.87	9.34	7.71	14.48	130.14	33.10	
31	17.75	14.84	12.66	9.44	10.63	13.12	15.51	13.91	14.24	13.15	14.56	13.91	14.26	20.82	24.27	20.91	20.51	13.83	10.96	15.45	15.21	15.45	16.80	15.85	24.27	15.33	
																										1262.93	104.49
Max	553.08	200.55	429.79	305.16	286.00	216.60	420.61	405.64	310.56	791.13	1072.75	1171.14	1143.55	954.38	903.35	704.66	682.18	1262.93	1192.44	549.14	235.29	319.89	864.69	739.79			
Avg	88.70	72.96	72.78	72.91	74.15	74.69	77.82	77.00	85.64	123.12	127.52	118.79	143.06	126.18	126.01	133.04	162.65	163.07	153.12	104.47	72.90	75.81	90.49	90.86			

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'M' - Maintenance  
'W' - Caution  
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'F' - Frozen FIFO  
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1	0.00	0.00	0.00	0.00	0.01	0.18	0.42	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.42	0.03	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.01	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.05	0.00	0.08	0.01	
3	0.17	0.96	0.37	0.28	0.30	0.21	0.53	0.01	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.17	0.00	0.00	0.00	0.00	0.00	0.96	0.13	
4	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.13	0.05	0.07	0.12	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.02	
5	0.00	0.01	0.00	0.00	0.02	0.05	0.00	0.00	0.01	0.34	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.34	0.02	
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.85	0.04	
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.49	0.03	
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.02	0.37	0.57	0.09	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.08	
9	0.13	0.00	0.00	0.00	0.00	0.00	0.03	0.16	0.06	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.02	
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.23	0.01	
11	2.89	51.45	41.76	22.77	25.74	26.36	24.67	23.41	23.33	22.28	19.58	26.26	26.20	20.57	15.76	12.21	11.21	18.09	19.32	32.46	32.20	44.64	42.45	23.13	51.45	25.36	
12	22.90	21.88	24.63	25.88	23.18	16.99	18.10	29.55	21.41	22.95	30.67	43.27	40.78	30.00	28.06	22.98	15.75	19.83	21.81	24.79	31.26	34.52	34.74	29.30	43.27	26.47	
13	28.34	33.25	32.05	30.60	30.21	36.61	35.27	33.48	46.58	39.24	30.83	31.86	35.80	33.18	27.67	27.83	25.63	18.34	16.78	21.33	18.95	22.62	25.06	16.87	46.58	29.10	
14	15.16	27.80	36.94	31.68	15.85	17.72	14.22	14.10	18.53	18.06	37.27	41.46	27.42	28.06	22.72	23.40	25.57	24.16	26.17	22.58	22.31	26.67	21.17	24.01	41.46	24.29	
15	54.17	29.53	24.82	29.67	27.39	26.80	23.13	30.04	27.31	32.47	30.56	19.39	12.29	18.86	23.19	17.85	24.58	35.04	27.25	20.26	22.04	22.78	24.44	22.30	54.17	26.09	
16	27.72	25.96	25.91	23.99	26.33	25.59	22.14	26.38	26.06	26.46	9.97	24.25	27.15	20.80	21.39	15.98	12.68	19.66	14.37	8.87	7.63	12.25	14.69	17.01	27.72	20.14	
17	19.40	22.69	23.90	24.75	25.80	32.94	26.19	28.18	23.02	17.00	13.85	15.69	10.94	14.27	18.84	24.03	23.99	12.47	19.00	15.21	0.72	4.43	6.61	10.06	32.94	18.08	
18	10.99	20.42	26.68	23.31	18.07	14.20	20.93	22.78	37.22	45.91	30.24	23.96	41.56	26.69	23.24	24.64	31.04	28.89	34.40	39.59	37.34	36.30	28.95	21.86	45.91	27.88	
19	18.34	23.44	25.06	25.24	23.66	32.82	29.91	31.36	26.99	27.96	23.88	22.00	21.09	22.68	22.91	26.18	39.48	41.37	47.71	34.12	19.83	21.93	26.86	25.61	47.71	27.52	
20	27.94	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.54	0.34	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	27.94	1.21	
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.80	0.07	0.00	0.00	0.00	0.00	0.00	0.21	0.16	0.04	0.00	0.00	0.00	0.00	37.27	42.72	42.72	3.39	
22	31.48	27.41	13.79	12.39	14.00	8.20	13.12	18.73	26.21	28.98	31.10	22.36	22.42	23.79	23.51	21.77	19.31	19.89	25.37	16.18	16.21	18.44	21.85	20.90	31.48	20.73	
23	14.24	13.33	10.11	14.70	14.45	23.01	18.75	20.43	17.76	15.71	18.56	12.73	11.03	18.77	23.74	23.99	25.01	27.53	66.66	40.64	29.74	21.37	24.08	34.07	66.66	22.52	
24	34.72	25.31	26.52	30.12	34.51	42.41	67.08	64.60	47.81	44.36	43.04	35.38	60.39	59.26	53.03	52.31	36.76	46.03	38.47	37.26	38.79	41.31	49.56	44.66	67.08	43.90	
25	37.54	27.30	34.40	40.19	44.94	42.08	42.83	49.51	48.16	44.49	52.22	48.10	46.23	45.83	49.24	47.71	41.67	38.63	41.27	42.85	41.80	43.05	45.12	53.05	53.05	43.68	
26	52.15	48.89	46.23	56.04	64.29	59.61	45.94	51.53	58.26	48.43	47.55	45.57	48.47	49.59	47.85	33.62	27.22	26.56	29.43	26.50	34.12	54.02	49.23	50.19	64.29	45.89	
27	47.37	41.57	41.65	42.01	39.44	36.85	39.72	46.84	45.52	39.88	43.52	41.73	36.29	42.04	39.41	38.37	32.69	34.07	35.99	33.14	31.92	31.21	31.86	41.72	47.37	38.95	
28	62.36	48.89	34.04	26.74	26.94	30.36	60.57	36.52	37.87	35.88	26.82	24.12	28.56	31.45	31.92	26.72	25.63	28.23	29.07	25.95	25.55	27.70	28.19	24.50	62.36	32.69	
29	25.06	24.57	28.09	28.21	32.16	27.61	24.90	29.75	31.38	27.05	16.85	29.68	47.47	37.18	33.20	28.00	30.20	34.76	30.06	28.29	29.51	32.02	40.27	34.52	47.47	30.45	
30	44.95	36.60	38.44	41.28	46.05	40.42	39.90	38.64	44.30	45.12	46.78	37.89	38.68	41.60	37.25	35.89	51.15	46.66	45.77	40.31	20.58	16.23	31.99	37.46	51.15	39.33	
31	38.21	38.38	34.90	33.51	33.38	40.86	42.82	40.08	43.87	44.09	45.87	51.23	51.22	50.31	51.48	45.17	36.85	35.14	31.28	27.98	26.35	42.86	48.47	47.74	51.48	40.92	
																										67.08	19.00
Max	62.36	51.45	46.23	56.04	64.29	59.61	67.08	64.60	58.26	48.43	52.22	51.23	60.39	59.26	53.03	52.31	51.15	46.66	66.66	42.85	41.80	54.02	49.56	53.05			
Avg	19.88	19.02	18.40	18.17	18.28	18.77	19.72	20.53	21.07	20.28	19.37	19.27	20.46	19.84	19.18	17.70	17.31	17.92	19.37	17.37	15.71	17.88	20.42	20.08			

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'M' - Maintenance  
'W' - Caution

'U' - User Data  
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