

**Pacific Custom Materials
Kiln 3 - Report for Month of June 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	17.85	9.89	6.42	79.48	36.89	81.60	20.87	13.03	53.49	15.58	0.51	0.68	20.44	1.02	11.73	8.05	4.78	1.67	0.25	0.07	1.85	0.26	1.20	1.26	81.60	16.20
2	0.27	0.00	0.00	0.00	0.42	19.41	33.75	76.62	79.79	0.03	0.00	0.00	0.00	0.06	0.03	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	79.79	8.77
3	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.20	0.01	0.02	0.01	0.03	0.00	0.03	0.00	0.03	0.36	0.60	0.60	0.06
4	0.00	0.00	0.00	0.04	0.13	1.16	7.16	7.89	345.33	652.68	139.39	89.25	263.81	33.39	13.24	32.50	93.69	23.36	17.18 W	0.04 W	13.50	11.81	10.78	8.70	652.68	73.54
5	5.76	80.24	68.72	47.46	3.88	4.02	6.72	0.00 W	1.85	7.00	164.95	0.65	6.83	4.90	7.45 W	12.53 W	89.54 W	75.61	30.72	0.22	0.37	0.00	11.37	4.64	164.95	26.48
6	1.60	3.93	5.72	3.60	2.51	2.55	0.91	1.49	4.99	0.91	2.60	1.18	11.42	209.07	139.79	472.21	1044.96	1232.62	966.57	19.90	0.31	9.80	116.50	87.87	1232.62	180.96
7	18.10	12.08	2.61	7.36	20.20	28.48	16.06	3.65	11.00	1.73	0.48	0.49	0.50	1.59	5.30	0.87	3.24	0.39	6.71	47.10	174.90	34.74	3.22	6.97	174.90	16.99
8	7.79	8.10	8.94	0.88	2.28	1.70	1.26	6.60	45.74	49.76	298.95	632.67	298.81	3.90 W	3.83 W	14.10 W	38.66 W	30.24 W	7.68 E	402.47 C	2.63 W	3.10	0.98	0.16	632.67	66.41
9	1.74	1.38	1.12	4.64	3.91	3.73	5.35	249.94	67.13	15.10	1.90 W	15.37	0.98	12.88	167.19	136.73	45.62	19.24	10.76	2.52	3.06	1.92	5.20	6.82	249.94	32.68
10	6.93	1.52	0.44	2.65	6.16	0.66	0.52	3.93	14.42	5.58	0.90	0.98 M	1.73 M	24.20 C	10.39 W	8.43	16.14	10.23	1.82	0.81	0.22	0.24	0.63	3.16	16.14	4.56
11	4.31	4.68	4.51	3.58	2.20	0.29	0.89	1.95	0.00 C	1.80 M	0.00 C	0.00 M	15.70 C	29.43 C	10.05 C	18.91 C	11.17 C	4.89 C	17.34 C	4.12 C	2.99 C	0.95 C	5.41 O	14.43 O	4.68	2.80
12	35.20 C	37.94 C	23.26 C	9.25 C	10.67 C	10.70 C	1.24 C	1.42 C	2.08 C	3.41 C	4.59 C	0.72	0.72	1.93	1.03	0.25	0.00	0.37	0.56	0.10	0.00	1.05	1.56	0.00	1.93	0.64
13	0.05	0.60	11.27	17.81	3.08	16.73	27.47	17.66	12.89	8.10	3.30	4.70	22.10	240.38	96.98	122.80	48.15	29.28	29.92	32.96	58.73	92.03	13.78	5.32	240.38	38.17
14	1.93	12.16	13.15	3.15	1.49	1.46	1.33	1.63	4.76	18.35	18.88	4.91	0.76	0.25	0.95	9.46	2.00	3.07	0.74	7.42	15.62	17.62	1.03	1.77	18.88	5.99
15	36.07	38.77	7.48	1.83	27.38	15.15	2.58	4.49	11.57	5.55	19.40	14.90	18.68	40.92	22.29	19.10	3.37	9.44	4.38	3.09	2.55	7.41	2.34	3.04	40.92	13.41
16	15.31	9.61	1.27	1.39	9.10	5.42	11.42	13.85	31.38	23.57	14.43	12.28	1.77	11.66	25.09	31.49	29.94	4.27	3.01	5.79	9.16	3.23	1.42	0.40	31.49	11.51
17	3.54	5.34	0.04	3.69	2.96	4.01	18.43	20.63	15.77	3.40	21.27	21.81	2.06	0.11	9.78	6.06	13.85	15.03	12.28	4.18	2.56	5.65	22.17	23.48	23.48	9.92
18	7.83	7.82	14.24	7.81	15.77	4.38	0.00	9.48	0.30	1.18	1.35	14.81	19.22	13.96	57.80	30.37	10.97	9.65	1.49	13.59	1.59	24.47	8.18	3.49	57.80	11.66
19	18.36	6.00	7.53	20.69	39.50	14.93	8.02	0.90	1.22	3.97	5.52	1.99	2.20	251.36	291.78	423.94	457.66	547.75	248.78	562.73	551.69	310.29	182.03	85.91	562.73	168.53
20	32.04	18.43	20.15	48.19	47.99	45.78	21.32	15.49	20.48	3.82	6.32	2.69	21.67	27.35	6.78	1.64	14.93	15.17	2.31	81.16	235.93	176.49	99.55	142.73	235.93	46.18
21	120.94	15.32	6.07	0.24	2.55	4.91	12.96	4.34	29.56	16.89	30.07	3.13	1.56	3.00	17.47	17.01	0.99	5.98	12.27	38.85	21.65	71.21	146.94	142.88	146.94	30.28
22	61.81	13.03	23.87	24.39	4.94	17.14	11.45	9.53	29.72	27.74	51.08	42.17	42.11	20.96	11.59	351.64	475.60	327.71	135.91	30.78	5.88	6.49	35.12	8.99	475.60	73.74
23	20.84	40.71	43.08	27.39	12.28	1.53	1.71	19.93	6.37	24.41	47.83	9.85	16.90	23.24	31.74	6.86	47.75	92.45	111.63	43.04	27.49	10.95	19.44	15.97	111.63	29.31
24	3.91	20.28	41.95	15.39	23.42	12.12	1.05	1.94	13.43	22.46	28.71	24.24	41.42	12.32	10.94	9.55	12.89	8.22	5.79	8.76	4.38	82.94	0.49	12.78	82.94	17.47
25	2.25	4.48	1.62	3.67	2.05	1.73	4.40	9.16	8.03	41.77	90.49	290.59	185.22	606.93	208.40	48.86	17.86	4.69	6.58	17.61	23.70	107.66	15.18	8.20	606.93	71.30
26	186.04	2.21	5.43	5.54	6.90	21.53	17.67	49.03	40.90	3.94	0.60	3.70	20.10 E	20.10 E	0.00 W	80.71 W	95.74	96.23	54.36	204.56	134.33	72.19	50.01	84.76	204.56	55.29
27	89.77	88.30	68.46	62.77	70.24	86.33	93.34	68.86	91.92	106.42	117.35	220.67	314.81	324.95	322.56	101.28	47.80	27.82	43.81	504.44	772.91	636.02	139.00	74.85	772.91	186.44
28	104.47	109.72	98.82	98.66	106.18	104.54	73.45	67.17	87.51	80.29	63.61	57.18	88.80	97.19	111.75	104.75	108.60	105.49	75.22	86.13	77.92	94.89	97.27	72.78	111.75	90.52
29	115.01	99.97	101.01	86.92	71.20	74.01	81.48	67.77	114.45	108.54	124.51	125.91	114.18	117.82	132.75	180.21	237.70	349.95	338.43	378.11	191.11	116.82	113.53	77.30	378.11	146.61
30	59.76	52.58	81.42	102.28	75.54	79.88	91.72	70.61	73.07	129.30	124.12	135.44	157.75	267.61	413.16	504.83	373.85	443.05	469.99	324.20	58.66	76.81	75.62	82.82	504.83	180.17
Max	186.04	109.72	101.01	102.28	106.18	104.54	93.34	249.94	345.33	652.68	298.95	632.67	314.81	606.93	413.16	504.83	1044.96	1232.62	966.57	562.73	772.91	636.02	182.03	142.88	1232.62	53.89
Avg	32.56	23.01	22.25	23.50	20.73	22.59	19.77	28.19	43.47	49.22	49.23	61.86	61.29	86.26	73.51	94.35	115.05	120.31	92.55	86.36	82.51	68.14	40.51	33.37		
Rds	29	29	29	29	29	29	29	29	28	28	28	28	27	27	29	29	29	29	28	28	29	29	29	29		

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'M' - Maintenance
'W' - Caution

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1	28.32	27.57	24.98	26.43	23.98	21.79	21.71	16.03	14.37	14.41	13.32	18.09	15.62	13.31	18.03	27.62	35.44	30.69	21.13	15.88	13.95	0.17	0.05	0.00	35.44	18.45	
2	0.06	0.16	0.00	0.10	0.07	0.02	0.21	0.03	1.03	0.56	0.62	0.37	0.39	1.06	1.17	0.02	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	1.17	0.25
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.44	0.08	0.02	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.05
4	0.00	0.00	0.00	0.00	0.00	0.00	45.28	42.49	42.96	68.25	44.14	15.17	13.08	10.74	8.30	9.64	6.64	21.28	14.72	12.43	11.48	8.45	12.64	11.85	68.25	16.65	
5	11.58	333.57	14.83	13.82	13.53	9.25	10.21	12.28	13.87	19.08	52.20	22.63	16.98	18.73	21.18	23.72	15.17	14.22	10.89	15.54	22.29	15.60	13.03	10.76	333.57	30.21	
6	13.33	14.53	17.11	19.83	14.76	18.46	19.47	21.77	97.26	21.42	25.24	26.27	26.60	26.72	31.18	25.11	20.66	12.46	14.43	16.33	16.69	20.12	18.56	19.02	97.26	23.22	
7	14.87	13.03	13.71	12.64	15.80	13.05	9.15	11.98	13.76	13.80	13.62	17.62	13.04	14.31	11.08	9.93	8.32	7.93	10.09	9.19	4.73	7.94	11.99	15.98	17.62	11.98	
8	8.52	9.71	13.11	12.72	13.19	10.98	12.62	11.80	14.57	18.10	52.63	26.19	10.88	12.52	52.78	48.58	33.36	15.61	11.25	10.03	8.67	9.99	15.58	13.50	52.78	18.62	
9	17.75	15.44	13.50	20.89	17.10	13.33	17.62	17.52	18.35	86.78	8.27	4.78	0.84	25.87	428.59	211.30	543.62	93.75	17.69	18.47	11.08	13.96	12.53	15.20	543.62	68.51	
10	16.01	11.40	13.26	15.51	12.80	12.90	15.72	14.46	18.23	31.61	19.48	171.80	23.97	18.00	16.74	17.76 C	22.58 V	28.16	26.13	24.07	17.99	19.07	26.53	19.40	171.80	25.90	
11	17.63	15.14	12.11	7.85	8.22	7.29	6.62	8.26	12.44 C	8.32 C	8.59 C	12.21 C	14.62 C	14.70 M	0.00 C	5.10 C	-0.49 C	0.00 C	19.24 C	7.61 C	2.79 C	4.77 C	3.71 O	8.23 C	17.63	10.39	
12	7.89 C	6.90 C	9.18 C	5.66 C	5.39 C	3.36 C	3.24 C	7.03 C	13.53 C	16.05 C	8.34 C	5.40	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.34	0.00	0.00	0.00	1.43	27.52	7.25	3.56
13	8.44	15.14	13.36	10.60	6.98	0.00	0.00	0.40	0.34	0.00	0.34	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	27.52	7.25	3.56
14	287.24	44.84	16.32	13.77	13.87	12.78	8.72	11.31	14.78	24.85	25.67	16.92 V	10.74 V	50.72 V	27.22 V	11.88 V	11.09 V	16.25 V	4.61 V	0.88 V	0.86 V	0.62 V	1.98	1.75	287.24	26.24	
15	9.65	7.58	2.12	5.67	10.01	18.61	20.24	26.36	34.48	30.22	31.05	28.92 V	21.57 V	20.14 V	18.70 V	23.87 V	14.48 V	12.01 V	15.22 V	12.83 V	9.37	8.69	12.38	11.18	34.48	16.89	
16	8.42	7.78	5.24	5.90	8.73	12.19	14.09	13.87	18.75	20.86	20.03	19.18 V	3.83 V	7.01 V	11.64 V	15.84 V	9.99 V	2.44 V	7.49 V	10.25 V	10.52 V	6.97 V	10.67	10.59	20.86	10.93	
17	10.13	9.86	7.43	9.61	10.80	8.94	9.46	9.00	16.69	18.71 V	14.36 V	8.91 V	6.92 V	7.93 V	11.64	11.97 V	12.91 V	10.44 V	13.46 V	13.11 V	6.42 V	0.00	0.00	0.00	18.71	9.53	
18	0.00	0.00	1.31	34.45	17.73	14.95	12.79	12.19	12.93	20.43	23.71	26.77	38.30	22.00	17.41 V	15.91 V	14.30 V	16.91 V	19.69	12.75	11.88	11.09	12.99	38.30	15.82		
19	16.39	13.71	14.28	17.87	12.46	9.89	11.21	6.34	15.65	15.74	14.49 V	13.74 V	16.52 V	17.39 V	11.76 V	12.49 V	14.14 V	17.73 V	20.38 V	27.82 V	9.07 V	9.31 V	15.23 W	13.59 W	27.82	14.47	
20	13.37	14.17	18.71	17.82	14.09	19.78	20.39	13.31	19.33	20.07	19.55	18.54 V	17.97 V	19.33 V	22.90 V	19.94 V	10.99 V	17.04 V	16.42 V	15.60 V	14.85 V	7.11 V	6.15 W	13.50	22.90	16.29	
21	11.68 V	12.32 V	10.72 V	17.34	17.22	14.44	10.86	20.98	24.59	29.98 V	30.65 V	15.87 V	15.20 V	16.78 V	22.71 V	14.93 V	17.98 V	18.05 V	10.98 V	24.22 V	10.19 V	7.79 V	16.09 W	18.62 W	30.65	17.09	
22	20.26 V	16.39 V	18.55 V	20.68	15.77	13.35	16.38	17.79	19.67	24.68 V	33.71 V	8.78 V	5.13 V	16.10 V	14.04 V	12.35 V	8.66 V	16.32 V	15.06 V	15.58 V	11.72 V	9.78	4.06	11.16	33.71	15.25	
23	13.15	20.54	19.15	16.28	21.91	22.22	17.61	18.64	29.06	35.19	26.21	22.74	23.80	31.55 V	27.68 V	24.87 V	21.65 V	16.60 V	14.61 V	20.82	19.11	21.67	18.03	17.46	35.19	21.69	
24	14.20	15.86	13.89	10.90	11.39	5.96	2.75	7.01	14.36	17.34	17.03	15.80	27.07	26.39 V	24.25 V	17.75 V	15.98 V	18.50 V	13.05 V	9.82 V	6.74	24.36	11.62	11.28	27.07	14.72	
25	10.01	7.61	5.59	18.29	14.10	14.56	9.87	5.77	10.89	10.02	12.48 V	16.46 V	14.93 V	7.54 V	11.74 V	11.59 V	21.71 V	21.79 V	22.26	17.60	11.03	8.19	33.10	86.95	86.95	16.84	
26	181.84	20.98	10.02	10.15	4.04	3.69	1.69	2.78	15.80	21.50	27.22 V	8.89 V	0.21 V	13.39 V	12.65 V	20.25 V	26.99 V	18.68 V	12.12 V	30.09 V	10.92 V	3.58 V	15.72	21.55	181.84	20.62	
27	25.18	18.70	13.70	19.20	12.08	8.26	7.39	11.27	24.23	39.28	29.94 V	9.05 V	15.01 V	11.30 V	188.08 V	24.66	22.65 V	21.74 V	13.31 V	12.68 V	7.87 V	4.89 V	7.71	10.63	188.08	23.28	
28	24.11	13.32	11.60	7.80	14.57	17.77	14.36	7.10	0.75	1.96	6.60 V	0.00 V	0.00 V	30.55 V	33.62 V	24.71 V	22.63 V	16.26 V	16.35 V	17.84 V	6.48 V	8.52 V	10.48	7.30	33.62	13.11	
29	3.21	1.80	3.54	10.85	12.21	19.64	22.77	26.72	30.97	42.17 V	36.69 V	11.08 V	6.33 V	17.21 V	29.38 V	12.22 V	10.45 V	19.12 V	14.86 V	12.58 V	4.82 V	7.20 V	8.78 W	5.76	42.17	15.43	
30	2.34	3.62	8.88	13.09	10.71	6.70	7.44	11.27	20.65	30.08 V	29.47 V	12.11 V	2.10 V	3.75 V	19.10 V	14.98 V	21.30 V	20.41 V	26.05 V	7.16 V	1.60 V	7.11	11.58	14.11	30.08	12.73	
Max	287.24	333.57	24.98	34.45	23.98	22.22	45.28	42.49	97.26	86.78	52.63	171.80	27.07	50.72	428.59	211.30	543.62	93.75	26.84	30.09	22.29	24.36	33.10	86.95	543.62	17.26	
Avg	27.16	23.61	10.93	13.45	12.00	11.41	12.64	12.95	19.92	23.93	22.33	19.28	11.77	16.85	38.05	23.30	33.48	17.54	14.02	13.74	9.32	8.68	11.00	14.23			
Rds	29	29	29	29	29	29	29	29	28	28	28	29	29	29	29	28	29	29	29	29	29	29	29	29			

'I' - Invalid
'M' - Maintenance
'W' - Caution
'U' - User Data
'E' - Error
'F' - Frozen FIFO
'C' - Calibration
'O' - Out-of-Control
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'X' - Excess Emission