

**Pacific Custom Materials  
Kiln 3 - Report for Month of April 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	Rds	
1	18.53	17.26	8.08	9.69	10.17	8.68	9.54	14.93	7.94	35.79	24.75	21.28	22.26	24.24	28.28	23.31	15.75	34.40	45.15	11.88	24.64	20.04	13.29	13.29	45.15	19.30	24	
2	9.57	20.70	24.05	11.25	20.25	18.65	21.41	25.28	15.66	14.93	28.50	44.81	38.45	35.21	37.91	19.16	21.67	17.29	25.86	44.88	38.97	32.81	29.02	12.28	44.88	25.36	24	
3	12.70	20.07	39.58	37.06	31.86	37.87	30.05	28.34	23.98	26.41	32.91	34.85	22.49	26.96	28.53	45.84	52.60	119.45	91.62	59.96	116.12	75.19	68.15	45.44	119.45	46.17	24	
4	43.46	40.33	39.04	28.61	31.97	25.92	35.06	31.86	72.15	78.16	117.87	124.42	143.99	169.25	158.20	63.05	16.60	20.96	18.16	38.28	28.07	36.60	70.36	23.98	169.25	60.68	24	
5	16.81	11.96	8.16	17.44	18.63	19.87	16.12	12.06	16.50	29.38	62.56	51.53	21.20	13.41	31.85	12.02	22.81	13.78	7.90	6.81	20.14	25.38	16.83	6.46	62.56	19.98	24	
6	14.52	15.54		15.49	15.42	20.47	20.51	14.23	18.62	15.19	18.63	30.78	15.10	39.97	59.67	21.11	23.60	26.81	18.60	15.73	30.07	12.66	13.70	14.80	59.67	21.36	23	
7	9.09	15.54	11.36	10.45	15.68	17.44	6.95	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.02	0.07	0.65	17.44	3.65	24	
8	0.11	0.00	0.00	0.02	0.05	0.11	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.03	0.04	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.11	0.02	24	
9	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.05	0.02	0.01	0.05	0.00	0.00	0.01	0.01	0.13	0.02	0.02	0.00	0.01	0.00	0.00	0.13	0.01	24	
10	0.00	0.00	0.00	0.00	0.05	0.02	0.00	0.68	0.17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.10	0.00	0.01	0.03	0.00	0.68	0.05	24	
11	0.00	0.04	0.00	0.00	0.01	0.16	0.26	0.08	0.00	0.02	0.25	0.60	0.32	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.04	0.71	0.10	24	
12	0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.76	0.07	0.00	0.04	0.37	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.76	0.06	24	
13	0.01	0.00	0.02	0.00	0.15	0.29	0.00	0.00	0.30	0.47	0.02	0.00	0.00	0.00	0.00	0.00	0.02	0.11	0.00	0.00	0.01	0.01	0.00	0.00	0.47	0.06	24	
14	0.02	0.33	0.05	0.00	0.00	0.06	0.20	0.01	0.03	0.03	0.00	0.00	0.11	1.55	0.59	0.00	0.00	0.01	0.33	0.00	0.00	0.01	0.06	0.17	1.55	0.15	24	
15	0.00	0.08	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.02	0.06	0.00	0.00	0.02	0.00	0.00	0.08	0.01	24	
16	0.26	0.12	0.00	0.00	0.00	0.02	0.01	0.00	0.02	0.00	0.20	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.00	0.00	0.06	0.15	0.26	0.04	24	
17	0.00	0.16	0.09	0.00	0.10	0.14	0.00	0.00	0.00	0.01	0.00	0.14	0.19	0.00	0.00	0.00	0.39	0.45	0.07	0.00	0.29	0.12	0.00	0.00	0.45	0.09	24	
18	0.14	1.53	0.58	0.03	0.02	0.03	0.06	0.02	0.07	0.01	0.00	0.20	0.04	0.01	0.03	0.00	0.00	0.00	0.00	0.39	0.22	0.25	0.34	0.25	1.53	0.18	24	
19	0.01	0.00	0.00	0.04	0.62	1.11	0.00	0.11	0.09	0.18	0.00	0.06	0.02	0.04	0.34	0.04	0.27	0.23	0.00	0.12	1.12	1.78	1.34	1.34	1.78	0.37	24	
20	0.00	0.08	0.20	1.96	4.12	4.14	0.77	0.16	0.60	0.30	2.17	1.59	1.99	0.41	2.32	1.63	1.59	0.42	0.28	0.01	0.00	0.00	0.05	0.26	4.14	1.04	24	
21	0.00	0.00	0.00	0.03	0.04	0.47	0.06	0.52	1.74	0.37	0.28	1.29	0.68	0.01	0.55	0.36	0.12	0.61	0.05	0.02	0.95	3.66	0.79	2.21	3.66	0.62	24	
22	1.59	3.92	7.73	6.22	15.04	11.86	3.18	6.74	11.57	7.34	2.58	0.75	0.15	0.05	33.90	11.77	16.96	13.63	2.49	3.35	9.77	6.49	3.07	4.79	33.90	7.71	24	
23	5.15	16.22	20.41	19.26	14.37	17.47	19.06	8.65	0.00	0.00	0.03	0.16	0.07	0.00	0.05	25.08	7.38	16.99	11.38	7.76	12.86	20.40	11.43	15.86	25.08	10.42	24	
24	11.52	8.33	19.90	27.04	11.68	3.52	3.74	6.79	13.50	11.62	10.54	10.91	11.28	0.45	0.08	0.42	0.00	0.00	0.00	0.09	0.04	0.02	0.07	0.00	27.04	6.32	24	
25	0.00	0.00	0.01	0.17	0.16	0.06	0.00	0.01	0.01	0.40	2.56	1.60	0.02	0.29	0.19	1.22	0.99	1.13	0.00	0.00	0.00	0.01	1.99	14.14	14.14	1.04	24	
26	23.52	19.85	35.04	23.90	30.27	30.31	35.86	32.74	27.87	23.52	31.29	20.44	33.13	28.17	8.44	10.10	28.55	27.51	32.60	32.81	34.28	36.78	40.33	39.81	40.33	28.63	24	
27	24.72	19.66	11.21	7.78	23.99	31.23	35.91	47.28	62.57	55.26	50.83	73.15	50.95	52.93	53.28	109.20	66.29	44.89	28.16	25.81	55.66	63.62	71.04	74.99	109.20	47.52	24	
28	69.41	47.51	45.15	47.16	44.65	41.51	39.35	36.95	45.83	40.58	36.45	22.91	44.78	52.13	36.83	36.83	27.45	14.64	40.89	75.52	87.28	89.21	70.06	45.99	89.21	47.46	24	
29	50.47	57.61	39.21	51.42	60.82	46.36	49.60	55.73	62.61	48.03	44.79	34.74	34.49	42.06	80.83	76.41	48.09	31.44	41.11	14.76	7.97	30.05	29.27	19.48	80.83	44.06	24	
30	23.64	23.76	13.89	14.44	25.48	30.74	34.13	26.91	29.61	42.59	35.32	24.39	9.35	13.63	21.94	24.19	17.76	13.23	8.59	8.81	14.69	29.52	22.91	8.11	42.59	21.57	24	
Max	69.41	57.61	45.15	51.42	60.82	46.36	49.60	55.73	72.15	78.16	117.87	124.42	143.99	169.25	158.20	109.20	66.29	119.45	91.62	75.52	116.12	89.21	71.04	74.99	169.25	13.80		
Avg	11.18	11.35	11.17	10.98	12.52	12.29	12.06	11.68	13.71	14.35	16.75	16.71	15.04	16.72	19.46	16.07	12.30	13.27	12.45	11.57	16.11	16.16	15.48	11.48				
Rds	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			

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

'U' - User Data  
'E' - Error  
'F' - Frozen FIFO

'C' - Calibration  
'O' - Out-of-Control

'D' - Process Down  
'X' - Excess Emission

**Pacific Custom Materials  
Kiln 4 - Report for Month of April 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	Rds	
1	52.93	50.00	51.10	48.68	41.81	53.76	51.61	47.63	50.18	50.70	45.05 W	43.10	42.84	41.61	43.95	45.40	44.40	42.42	41.11	37.74	34.29	34.39	34.74	38.38	53.76	44.49	24	
2	36.70	37.12	33.54	37.49	37.89	39.52	40.92	39.25	43.71	46.22	38.55	31.00	36.77	40.65	40.65	40.32	41.33	42.31	40.06	42.27	43.27	42.91	40.32	43.74	46.22	39.86	24	
3	44.16	40.98	44.43	43.72	41.23	45.76	47.57	45.54	50.55	48.57	50.86	50.14	43.61	46.36	54.01	47.46	44.92	42.03	37.36	39.55	38.27	34.18	35.12	40.05	54.01	44.02	24	
4	33.19	31.24	34.98	33.90	34.53	37.64	36.21	34.84	37.52	45.50	44.65	38.16	35.00	34.68	38.08	40.54	40.60	38.23	33.57	37.57	36.90	36.95	38.35	39.20	45.50	37.17	24	
5	35.15	32.68	34.86	38.02	43.45	43.07	37.05	34.76	31.64	34.63	34.67	34.60	38.36	37.25	37.62	39.33	39.40	38.48	36.82	37.15	36.06	35.59	37.97	35.84	43.45	36.85	24	
6	32.60	32.26		32.60	32.48	37.09	38.31	36.61	40.46	40.43	35.08	36.16	40.83	49.65	47.57	44.36	39.90	37.80	32.25	35.51	39.83	42.51	47.50	49.46	49.65	39.18	23	
7	55.46	58.93	47.59	46.29	43.07	36.84	33.85	30.66	5.90	5.23	4.66	2.07	1.81	3.48	3.78	4.62	3.72	2.56	3.09	1.37	0.73	2.44	3.69	2.85	58.93	16.86	24	
8	3.49	3.64	2.13	1.94	2.08	2.05	1.86	1.91	3.47	2.96	1.33	0.92	0.42	0.15	0.72	0.64	0.72	1.15	1.08	0.21	0.11	0.29	0.00	0.05	3.64	1.39	24	
9	0.04	0.00	0.00	0.02	0.04	0.34	0.22	0.00	0.11	0.53	1.60	0.56	0.18	0.05	0.10	0.24	0.14	0.98	0.48	0.11	0.01	0.10	0.00	0.00	1.60	0.24	24	
10	0.00	0.00	0.04	0.12	0.00	0.01	0.00	0.00	0.00	0.09	0.18	0.07	0.09	0.02	0.00	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.03	24
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.45	0.21	0.08	0.07	0.00	0.00	0.00	0.00	0.08	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.04	24
12	0.00	0.00	0.73	0.43	0.01	0.00	0.00	0.00	0.00	0.16	0.19	0.20	0.03	0.00	0.00	1.16	0.93	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.16	0.16	24
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	1.74	0.40	0.00	0.00	0.00	0.00	0.01	0.44	0.35	0.00	0.00	0.00	0.00	0.00	0.00	1.74	0.15	24
14	0.00	0.00	0.00	0.00	0.00	0.05	0.02	0.00	0.00	0.00	0.50	0.25	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	0.50	0.03	24
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.02	0.10	0.20	0.20	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.03	24
16	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.04	0.01	24
17	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.04	0.05	0.29	0.00	0.00	0.00	0.00	0.00	0.51	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.06	24
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.39	0.18	0.59	0.01	0.05	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.06	24
19	0.00	0.00	0.02	0.00	0.00	0.92	1.52	4.19	6.64	10.43	0.32	0.00	0.01	0.01	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.43	1.01	24
20	17.09	10.11	6.66	8.13	6.97	6.57	6.86	7.55	8.46	10.23	5.38	8.67	8.58	6.05	3.32	2.35	4.27	6.66	3.49	0.53	0.91	4.24	2.20	0.00	17.09	6.05	24	
21	0.00	0.00	0.00	3.99	7.83	9.08	7.13	6.26	6.09	3.25	7.69	4.83	5.96	8.77	64.53	28.82	5.80	6.80	4.05	3.89	8.51	13.29	0.00	17.70	64.53	9.34	24	
22	20.64	22.23	26.07	27.69	32.81	39.56	41.29	41.62	48.63	52.09	53.62	35.43	17.09	17.32	20.27	76.35	78.62	69.89	51.79	53.16	45.63	47.16	53.46	51.07	78.62	42.65	24	
23	52.63	51.45	52.32	49.76	49.74	46.51	46.25	56.60	46.39	47.33	50.44	153.80	64.74	64.95	61.88	84.94	74.23	60.11	53.20	49.49	52.21	53.18	48.41	45.53	153.80	59.00	24	
24	54.59	71.55	59.69	50.55	52.09	56.79	53.13	49.68	33.26	10.82	1.07	0.09	2.06	3.83	0.02	0.21	0.01	0.01	0.15	0.07	0.30	0.49	2.69	0.15	71.55	20.97	24	
25	0.69	1.01	0.41	1.32	0.01	0.14	1.11	0.23	1.43	3.68	3.52	6.21	5.23	1.57	1.46	4.86	3.68	1.60	2.46	1.33	0.00	0.00	27.84	80.07	80.07	6.24	24	
26	87.58	81.09	66.62	65.24	66.05	62.56	64.17	65.61	65.84	66.72	56.33	52.32	53.45	56.03	53.07	62.22	59.51	62.88	64.14	70.78	67.84	59.21	58.65	55.27	87.58	63.47	24	
27	51.38	53.57	60.15	58.06	57.21	63.13	70.17	74.29	85.18	90.30	80.52	85.44	89.09	84.00	82.88	64.44	68.35	71.70	66.87	60.89	62.54	67.83	72.40	81.14	90.30	70.90	24	
28	93.41	89.67	85.81	88.32	84.36	76.43	73.85	71.28	73.79	80.21	72.23	73.78	67.05	58.64	57.10	34.70	0.00	0.00	29.25	55.96	62.28	90.26	77.41	69.71	93.41	65.23	24	
29	73.50	71.03	66.57	81.32	106.85	71.35	81.31	81.51	77.95	80.43	78.52	76.49	105.16	155.83	162.29	139.50	96.15	83.69	88.19	74.63	72.39	67.77	64.48	65.42	162.29	88.43	24	
30	59.56	57.53	56.69	58.33	57.90	59.30	66.35	58.48	66.48	72.05	70.00	56.96	61.23	52.13	50.90	48.83	43.16	43.65	53.74	49.58	52.46	59.36	48.67	44.67	72.05	56.17	24	
Max	93.41	89.67	85.81	88.32	106.85	76.43	81.31	81.51	85.18	90.30	80.52	153.80	105.16	155.83	162.29	139.50	96.15	83.69	88.19	74.63	72.39	90.26	77.41	81.14	162.29	25.00		
Avg	26.83	26.54	25.19	25.86	26.61	26.28	26.69	26.28	26.15	26.79	24.66	26.39	23.99	25.44	27.48	27.04	23.02	21.80	21.45	21.73	21.82	23.07	23.13	25.34				
Rds	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			

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

'U' - User Data  
'E' - Error  
'F' - Frozen FIFO

'C' - Calibration  
'O' - Out-of-Control

'D' - Process Down  
'X' - Excess Emission