

**Pacific Custom Materials**  
**Kiln 3 - Report for Month of March 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	26.29	19.24	18.20	20.11	19.32	19.20	21.13	16.84	12.72	14.59	18.68	14.58	9.87	17.09	12.41	31.08	20.65	13.65	26.30	38.07	32.61	25.83	22.80	9.76	38.07	20.04	24	
2	18.22	14.13	8.70	10.57	21.69	26.02	16.89	20.46	20.64	25.30	19.77	8.94	20.53	26.36	17.42	26.12	21.53	31.81	30.35	14.71	5.09	9.03	8.81	9.14	31.81	18.01	24	
3	7.62	9.19	10.96	2.88	6.22	6.95	19.96	29.05	8.81	27.40	67.73	88.39	76.23	173.88	55.71	23.62	18.03	21.98	15.45	13.21	47.43	68.63	27.77	32.89	173.88	35.83	24	
4	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.02	0.14	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.18	0.21	0.00	0.21	0.03	24	
5	0.00	0.02	0.02	0.01	0.00	0.11	0.15 W	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	0.06	0.00	0.00	0.00	0.15	0.02	24	
6	0.01	0.00	0.00	0.00	0.00	0.06	0.13	0.10	0.04	0.19	0.03	0.04	0.08	0.00	0.00	0.10	0.05	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.19	0.04	24	
7	0.00	0.17	0.09	0.00	0.00	0.04	0.00	0.00	0.00	0.06	0.05	0.08	0.02	0.04	0.06	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.03	24	
8	0.00	0.75	0.98	0.01	0.00	0.00	0.00	0.01	0.00	0.02	0.01	0.10	0.74	0.03	0.00	0.00	0.01	0.01	0.17	0.91	0.16	0.00	0.00	0.13	0.98	0.17	24	
9	0.05	0.00	0.02	0.94	0.00	0.60	0.13	0.00	0.00	0.00	0.00	0.00	0.02	0.08	0.00	0.02	0.00	0.00	0.00	0.01	0.03	0.02	0.02	0.02	0.94	0.08	24	
10	0.00	0.02	0.08	10.42	11.76	15.30	24.19	16.90	11.41	15.91	15.45	6.31	15.12	17.32	27.74	26.64	7.19	6.14	10.82	13.11	17.28	12.91	0.99	5.62	27.74	12.03	24	
11	17.39	15.39	20.22	28.83	14.73	12.96	9.77	7.49	3.60	12.24	14.41	10.45	12.92	15.33	19.92	21.76	19.74	11.05	5.90	9.89	8.53	14.90	15.80	13.13	28.83	14.01	24	
12	18.12	17.64	24.26	24.83	14.14	11.79	5.45	12.40	18.07	15.48	10.78	4.44	11.46	6.22	9.88	12.55	9.83	19.74	13.14	19.73	14.58	15.02	17.06	16.02	24.83	14.28	24	
13	20.46	15.29	14.76	22.74	21.08	25.27	22.99	14.49	9.37	20.24	27.67	8.98	6.46	5.89	0.00	0.00	0.03	0.00	0.03	0.09	0.02	0.00	0.00	10.77	27.67	10.28	24	
14	15.31	11.55	11.48	24.68	17.95	19.58	26.05	23.76	21.98	17.10	17.65	23.06	19.89	15.10	21.37	26.54	11.99	15.32	24.40	18.84	9.42	26.65	33.90	33.37	33.90	20.29	24	
15	19.55	21.79	18.13	18.85	22.35	13.28	10.63	2.84	6.18	8.64	11.05	10.15	12.61	11.14	3.75	11.44	12.17	11.31	6.94	10.31	16.68	19.26	21.26	17.72	22.35	13.25	24	
16	21.70	13.56	6.46	10.71	10.63	9.03	9.19	10.73	3.62	6.77	7.95	15.65	22.42	16.94	14.86	10.11	14.52	18.81	16.63	11.92	20.49	26.63	28.79	92.18	92.18	17.51	24	
17	163.93	21.53	31.05	19.75	14.22	10.36	14.52	8.93	14.77	16.07	5.27	7.29	14.59	8.95	2.39	2.23	1.98	7.39	21.41	16.99	26.52	27.81	17.59	11.39	163.93	20.29	24	
18	12.91	19.73	22.46	22.21	14.97	15.95	21.12	16.42	22.69	54.99	38.79	22.45	29.65	50.65	128.62	167.53	17.80	42.96	117.74	78.08	108.43	20.96	44.62	21.25	167.53	46.37	24	
19	21.06	15.19	12.04	13.47	15.24	18.40	10.13	12.75	39.78	0.13	0.00	1.05	1.82	1.75	4.48	2.18	0.08	0.00	0.53	0.09	0.00	0.07	0.23	39.78	7.10	24		
20	0.12	0.02	0.38	2.71	4.75	2.92	0.11	0.06	0.16	0.24	0.00	0.88	1.90	3.73	14.22	8.53	0.18	8.48	38.41	19.60	18.80	22.07	25.81	40.53	40.53	8.94	24	
21	30.51	31.94	15.94	17.41	24.77	24.69	44.90	29.27	13.85	21.32	53.67	20.96	18.36	15.53	16.06	14.17	21.75	25.71	22.07	20.35	12.04	10.04	17.76	22.79	53.67	22.74	24	
22	11.66	7.02	23.73	18.09	12.90	24.90	23.73	30.00	31.58	22.86	22.81	20.95	24.95	19.90	23.16	20.09	25.47	21.79	18.62	28.88	27.24	22.43	26.85	29.98	31.58	22.48	24	
23	33.71	24.09	20.57	18.33	25.43	27.65	25.25	25.36	27.91	37.63	40.64	44.45	59.88	107.95	123.30	179.75	49.94	15.80	13.87	21.24	26.34	35.83	37.11	41.41	179.75	44.31	24	
24	39.55	30.62	30.29	36.23	27.37	26.86	29.10	15.75	19.47	15.50	33.86	108.32	154.32	327.08	32.17	22.82	20.12	21.50	48.91	32.86	32.62	31.62	18.78	14.07	327.08	48.74	24	
25	24.00	21.41	26.64	13.90	12.51	18.96	21.00	25.53	24.60	26.24	75.59	56.40	51.64	42.63	0.71	0.04	0.08	0.00	0.00	0.00	2.84	17.68	25.76	24.44	75.59	21.36	24	
26	22.62	14.25	19.48	17.12	21.00	18.29	19.74	26.30	19.15	20.02	25.35	25.38	23.67	40.34	30.00	25.31	17.56	62.13	46.11	17.78	23.55	31.80	35.97	33.88	62.13	26.53	24	
27	35.33	29.07	21.37	22.50	29.74	36.05	38.90	31.70	30.19	34.44	40.37	23.66	35.18	39.07	9.61	18.24	23.85	30.04	35.03	17.04	26.90	29.91	26.20	36.41	40.37	29.20	24	
28	49.80	36.77	18.06	22.14	27.24	26.51	40.88	27.27	14.82	27.24	41.97	28.85	25.50	28.71	35.32	24.57	17.56	25.92	29.14	22.44	30.24	31.28	28.50	14.31	49.80	28.13	24	
29	3.82	14.56	29.82	29.21	17.07	36.24	33.85	28.96	38.22	55.19	38.79	50.71	59.60	56.35	84.77	24.01	16.03	3.15	12.37	6.42	14.21	14.46	11.55	26.40	84.77	29.41	24	
30	18.85	16.26	9.78	11.32	24.15	26.41	17.74	24.73	21.49	22.78	23.80	11.08	23.31	21.65	13.81	24.84	20.83	19.87	23.64	25.26	30.48	29.49	14.13	16.47	30.48	20.51	24	
31	34.40	32.35	13.31	14.48	4.63	5.35	13.90	20.94	21.88	18.38	18.51	24.49	28.52	15.39	6.15	32.38	28.05	14.70	6.24	4.93	12.48	7.90	10.78	17.44	34.40	16.98	24	
Max	163.93	36.77	31.05	36.23	29.74	36.24	44.90	31.70	39.78	55.19	75.59	108.32	154.32	327.08	128.62	179.75	49.94	62.13	117.74	78.08	108.43	68.63	44.62	92.18	327.08	18.35		
Avg	21.52	14.63	13.85	14.66	14.06	15.47	16.82	15.45	14.74	17.32	21.63	20.59	24.56	35.00	22.84	24.41	12.81	14.49	18.83	14.94	18.23	17.82	16.74	19.09				
Rds	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31			

'I' - Invalid  
'M' - Maintenance  
'W' - Caution  
'U' - User Data  
'E' - Error  
'F' - Frozen FIFO  
'C' - Calibration  
'O' - Out-of-Control  
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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	Rds	
1	38.87	42.71	34.31	34.03	35.92	35.35	31.66	31.51	35.05	38.34	34.56	31.27	34.72	37.76	38.18	41.08	41.10	40.65	42.78	35.78	39.67	49.35	48.18	47.19	49.35	38.33	24	
2	47.87	55.20	51.16	47.49	40.05	42.31	40.41	41.64	40.84	41.08	38.05	41.77	45.82	46.01	44.31	42.28	44.52	48.70	48.69	39.05	37.24	39.25	35.99	32.40	55.20	43.00	24	
3	35.18	36.34	33.88	34.28	33.73	39.79	38.97	41.90	43.04	41.22	46.32	39.97	36.50	28.67	29.67	39.86	34.06	32.00	27.63	33.05	6.00	4.21	4.27	0.29	46.32	30.87	24	
4	0.03	0.00	0.00	0.05	0.09	0.83	0.53	0.13	0.17	0.07	0.49	0.82	0.09	0.13	0.10	0.01	0.08	0.00	0.00	0.00	0.01	0.00	0.03	0.01	0.83	0.15	24	
5	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	24	
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15	0.03	0.00	0.00	0.01	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.01	24	
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.29	0.02	0.01	0.00	0.00	0.09	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.52	0.04	24
8	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.15	0.40	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	0.40	0.02	24	
9	0.00	0.00	0.00	0.50	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.02	24	
10	0.00	0.00	0.00	5.98	49.67	41.06	49.33	46.63	43.80	42.69	44.49	44.04	44.72	44.94	37.61	40.11	37.66	31.27	33.96	33.45	34.26	34.96	38.00	40.60	49.67	34.13	24	
11	37.98	36.38	41.88	39.59	29.90	33.73	43.58	42.87	39.22	39.63	41.84	39.60	33.58	32.62	38.34	43.33	26.93	34.06	36.06	29.78	31.79	33.74	39.16	39.47	43.58	36.88	24	
12	36.29	38.55	35.97	41.32	42.76	34.62	36.48	36.45	36.42	0.35	1.40	0.01	0.05	42.89	28.39	29.98	32.86	27.20	27.87	30.20	30.30	28.57	29.62	32.34	42.89	28.37	24	
13	35.98	34.01	33.33	33.71	29.78	34.51	38.80	34.17	31.87	35.72	37.19	37.74	42.87	43.22	41.86	53.82	52.78	54.40	52.15	39.89	37.85	37.85	40.16	43.02	54.40	39.86	24	
14	40.60	39.36	41.31	39.19	39.36	37.80	37.84	40.38	35.80	37.49	39.89	38.45	40.60	41.12	46.72	52.18	45.67	44.02	41.01	41.86	40.16	35.05	35.78	38.06	52.18	40.40	24	
15	41.47	42.60	41.92	36.29	34.08	29.47	28.50	32.25	35.18	37.42	41.82	42.25	36.29	32.41	29.41	30.01	29.48	31.58	28.56	29.86	36.38	34.77	35.41	37.10	42.60	34.77	24	
16	33.75	30.45	31.99	38.61	41.57	40.78	37.63	39.76	40.27	45.00	48.37	46.54	42.82	43.88	46.99	50.70	50.42	54.72	54.07	46.49	50.77	50.60	51.97	48.09	54.72	44.43	24	
17	46.94	46.79	46.00	48.06	51.78	51.25	49.83	48.73	50.24	47.60	44.67	47.29	44.68	49.06	46.98	71.48	61.52	51.67	53.72	53.28	47.81	46.28	49.46	43.55	71.48	49.94	24	
18	39.73	38.94	40.01	41.12	42.28	43.47	42.33	37.03	46.52	45.41	33.79	33.20	38.81	39.93	38.70	39.72	38.38	37.64	39.17	33.74	37.24	39.40	39.20	43.51	46.52	39.55	24	
19	45.12	42.69	41.32	40.15	46.96	42.63	35.65	39.28	51.44	40.82	40.00	36.38	36.57	32.19	33.33	39.03	38.10	36.90	39.35	41.55	41.11	44.97	43.13	44.76	51.44	40.56	24	
20	40.74	40.45	40.29	42.48	43.85	40.68	42.97	44.80	49.63	50.80	47.04	45.50	51.55	45.75	45.26	48.61	50.74	50.92	40.27	39.88	46.16	43.24	47.76	48.47	51.55	45.33	24	
21	52.46	52.22	47.76	45.27	45.77	45.72	44.42	46.00	46.42	46.27	46.93	58.87	46.12	46.06	38.99	37.16	43.50	44.88	45.58	44.72	48.40	46.80	44.16	37.94	58.87	45.93	24	
22	39.03	39.64	38.17	37.01	43.08	41.03	41.32	41.00	45.16	43.31	40.37	33.44	41.22	43.78	51.13	44.86	42.93	42.70	39.63	45.28	47.69	46.26	48.15	49.75	51.13	42.75	24	
23	47.57	45.18	45.31	48.29	48.51	45.15	42.78	48.82	47.61	53.51	50.35	42.10	49.25	44.24	49.44	53.98	63.32	56.91	51.71	45.59	45.75	44.60	49.62	50.63	63.32	48.76	24	
24	44.36	47.20	47.29	50.33	48.57	45.03	42.26	44.30	45.87	45.81	46.55	45.33	38.47	38.92	45.02	44.17	47.11	46.08	42.64	43.01	42.62	42.37	40.14	40.92	50.33	44.35	24	
25	42.99	42.57	43.18	41.74	49.16	59.36	48.91	44.06	40.93	43.55	43.86	23.32	0.04	0.00	0.15	0.82	0.84	0.46	0.00	0.04	0.00	0.07	0.26	0.02	59.36	21.93	24	
26	0.00	0.01	0.13	0.14	0.02	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.04	0.01	0.00	0.02	0.02	0.00	0.00	0.00	0.02	0.04	0.00	0.00	0.14	0.02	24	
27	0.00	0.00	0.00	0.00	0.00	40.50	0.69	0.29	0.01	1.18	0.76	0.00	0.04	0.00	0.00	0.00	20.77	51.73	47.81	48.27	53.83	54.32	63.95	70.74	70.74	18.95	24	
28	53.42	62.81	65.19	46.77	40.49	38.52	44.96	43.73	50.20	45.28	48.61	50.00	49.38	50.17	48.22	47.24	42.57	44.76	46.55	41.78	46.73	44.73	43.59	46.24	65.19	47.58	24	
29	46.99	47.46	48.35	49.51	48.56	45.61	44.33	43.78	45.78	47.00	44.81	45.51	39.84	38.20	39.00	46.94	45.89	39.38	41.84	42.38	41.17	44.39	43.59	42.08	49.51	44.27	24	
30	41.44	42.59	44.36	43.32	39.52	41.71	45.46	44.64	43.73	45.08	43.32	41.97	41.15	44.01	48.47	48.10	39.55	38.28	43.97	41.70	42.53	43.04	39.97	44.59	48.47	43.02	24	
31	50.91	43.88	42.25	43.28	49.34	40.87	45.28	40.07	38.84	47.26	50.17	57.50	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	64.00	64.00	25.65	24	
Max	53.42	62.81	65.19	50.33	51.78	59.36	49.83	48.82	51.44	53.51	50.35	58.87	51.55	50.17	51.13	71.48	63.32	56.91	54.07	53.28	53.83	54.32	63.95	70.74	71.48	30.00		
Avg	30.31	30.58	30.17	29.95	31.45	31.99	30.81	30.78	31.75	31.05	30.84	29.77	27.00	27.93	27.95	30.52	30.03	30.35	29.84	28.41	28.56	28.67	29.41	31.80				
Rds	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31				

'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