

**Pacific Custom Materials  
Kiln 3 - Report for Month of February 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	15.38	15.21	15.50	4.91	4.44	10.64	13.25	15.44	16.26	5.17	6.17	11.31	14.34	6.38	0.27	0.20	0.08	1.15	12.49	5.17	1.39	5.19	6.56	3.06	16.26	7.91	24	
2	0.03	0.10	4.71	9.56	8.07	7.02	5.36	2.61	0.57	1.97	3.09	2.21	6.98	9.72	6.11	4.41	8.18	12.35	17.80	14.51	3.49	5.47	14.09	33.01	33.01	7.56	24	
3	37.64	28.82	20.72	8.04	4.90	11.43	18.17	14.81	25.55	19.14	32.49	26.42	12.51	4.66	8.86	20.78	12.80	12.98	13.45	26.85	17.84	4.89	10.19	9.22	37.64	16.80	24	
4	15.45	13.58	16.16	18.81	26.06	34.96	30.31	25.38	16.00	15.34	19.89	27.71	16.25	19.75	11.62	12.62	18.15	16.36	7.52	5.13	1.47	3.69	5.87	17.72	34.96	16.49	24	
5	25.06	14.53	4.13	1.62	1.04	9.19	18.79	3.09	2.97	6.68	13.62	12.82	13.10	12.24	2.37	6.64	8.15	7.61	6.04	16.93	23.20	5.29	6.19	13.43	25.06	9.78	24	
6	11.49	13.20	10.66	8.20	9.63	9.66	15.73	6.37	1.66	6.57	6.47	6.15	13.42	4.56	12.05	14.82	16.27	13.18	13.88	20.19	9.19	8.02	20.49	14.33	20.49	11.09	24	
7	17.34	15.03	8.40	14.04	14.72	19.02	20.39	6.80	5.98	7.45	11.08	15.87	4.88	5.53	15.70	8.29	18.09	27.03	26.83	24.33	14.24	7.99	12.71	19.14	27.03	14.20	24	
8	15.93	24.60	21.64	21.72	15.72	23.89	23.32	14.59	11.21	15.48	20.97	14.44	22.16	15.55	3.04	4.06	14.44	18.15	12.84	8.00	4.29	15.71	16.03	29.50	29.50	16.14	24	
9	29.84	21.10	19.15	5.60	13.58	12.76	3.44	17.49	25.32	34.55	58.63	103.59	23.40	23.57	25.02	11.85	20.55	151.36	99.28	14.44	19.78	21.25	22.59	31.80	151.36	33.75	24	
10	27.65	41.40	39.62	30.33	21.52	16.99	19.42	20.29	12.84	12.43	9.93	15.02	148.03	164.01	44.67	15.66	4.68	13.43	20.09	18.57	23.47	21.49	19.46	61.64	164.01	34.28	24	
11	42.33	33.38	31.54	17.93	15.74	38.96	34.48	17.43	34.11	22.95	23.20	34.45	32.21	16.63	39.20	159.06	49.60	34.06	16.81	43.60	61.36	18.49	19.95	20.75	159.06	35.76	24	
12	21.35	24.08	16.88	32.53	39.00	38.96	20.70	16.45	23.87	20.22	0.02	0.12	0.20	0.45	1.91	1.66	1.47	0.18	0.43	0.63	0.00	0.00	0.01	0.20	39.00	10.89	24	
13	0.16	0.35	0.12	0.00	0.13	0.06	0.00	0.00	0.00	0.03	39.20	22.23	7.01	7.58	3.56	1.22	0.64	0.36	2.67	0.00	0.00	21.84	24.96	17.39	39.20	6.23	24	
14	23.32	21.51	20.29	18.42	25.83	30.28	30.56	31.59	26.90	27.82	12.19	6.94	19.02	32.78	24.81	21.59	27.30	20.53	18.71	19.79	13.42	24.50	33.31	30.68	33.31	23.42	24	
15	32.57	29.14	12.03	13.82	22.20	12.71	26.31	26.66	29.34	33.89	24.30	14.57	5.78	5.61	1.56	0.00	0.00	1.36	10.08	11.39	10.34	13.13	8.49	13.81	33.89	14.96	24	
16	21.12	18.33	9.43	11.10	14.57	18.81	17.78	5.97	1.60	9.98	19.74	34.78	39.72	37.55	48.61	31.80	8.84	54.63	34.72	18.04	11.77	14.30	20.44	19.76	54.63	21.81	24	
17	17.17	15.18	19.40	12.03	20.90	12.92	3.32	15.24	19.20	25.04	21.79	17.75	17.55	9.69	24.58	84.46	153.79	139.90	8.14	9.97	13.70	29.74	38.32	28.83	153.79	31.61	24	
18	21.44	9.38	15.94	22.16	22.16	17.71	27.22	10.97	11.85	28.75	42.40	166.37	82.23	51.90	40.67	36.23	32.59	11.96	5.24	12.80	12.19	9.57	2.58	5.04	166.37	29.14	24	
19	9.09	8.44	11.58	14.37	11.50	8.82	5.50	2.72	9.44	11.85	9.17	16.44	19.00	17.19	11.53	13.82	14.00	18.41	11.20	8.32	9.21	15.96	24.60	33.24	33.24	13.14	24	
20	33.43	17.11	34.16	52.08	98.50	60.27	37.16	15.18	4.70	15.48	14.45	12.56	6.58	6.60	6.60	7.41	15.99	14.17	20.85	18.27	15.58	9.90	3.70	7.89	98.50	22.03	24	
21	15.63	7.43	5.11	7.87	6.81	17.38	15.21	9.44	12.78	17.78	13.72	6.45	4.25	20.46	48.07	12.38	22.41	17.90	8.55	8.03	9.68	18.53	23.02	18.70	48.07	14.48	24	
22	11.95	10.95	17.44	19.71	11.93	3.37	6.01	12.48	18.47	13.21	9.37	4.79	11.01	11.12	7.44	22.88	28.90	26.97	12.43	14.62	14.15	18.16	18.91	15.85	28.90	14.25	24	
23	18.75	26.97	11.68	2.00	5.47	16.93	14.96	5.25	14.54	28.44	22.05	25.46	12.14	14.85	21.78	26.07	20.24	11.58	10.27	8.23	14.05	15.28	14.89	14.01	28.44	15.66	24	
24	13.98	18.52	12.12	19.84	15.22	10.64	15.42	11.06	21.18	33.19	29.26	17.00	18.40	22.65	23.96	37.69	38.52	16.21	19.84	24.84	33.45	23.65	15.56	18.48	38.52	21.28	24	
25	22.91	21.65	28.98	20.13	18.18	24.26	24.12	12.92	19.33	23.05	17.96	33.75	8.03	15.40	22.14	24.26	22.66	13.97	16.66	16.14	17.90	18.23	12.30	5.80	33.75	19.20	24	
26	5.16	15.04	10.62	9.17	15.19	20.06	13.94	18.43	24.41	3.13	0.16	1.95	1.73	1.53	3.45	0.45	0.45	3.13	0.00	0.05	0.12	1.35	3.06	2.61	24.41	6.47	24	
27	1.20	0.01	0.00	0.63	3.24	4.66	3.85	2.38	0.05	0.35	0.35	0.16	1.07	0.07	0.44	0.46	0.09	2.02	4.06	6.14	0.99	0.02	0.32	0.36	6.14	1.37	24	
28	0.06	0.10	0.00	0.47	0.46	0.10	0.02	0.04	1.79	11.17	0.04	0.00	0.00	0.00	0.00	0.07	0.00	0.02	2.87	0.10	0.01	0.00	0.00	0.03	11.17	0.72	24	
29	0.05	0.09	0.58	11.38	25.02	28.98	12.99	9.35	0.00	0.04	0.02	0.06	2.71	39.64	291.66	326.32	353.78	213.06	279.94	189.70	42.05	6.89	10.56	23.27	353.78	77.84	24	
Max	42.33	41.40	39.62	52.08	98.50	60.27	37.16	31.59	34.11	34.55	58.63	166.37	148.03	164.01	291.66	326.32	353.78	213.06	279.94	189.70	61.36	29.74	38.32	61.64	353.78	18.91		
Avg	17.50	16.04	14.43	14.08	16.96	17.98	16.47	12.08	13.51	15.56	16.61	22.46	19.44	19.92	25.92	31.28	31.47	30.14	24.61	19.48	13.74	12.36	14.11	17.57				
Rds	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	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

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

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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	33.86	31.43	29.20	26.04	25.00	26.30	28.80	29.55	26.09	26.57	26.31	16.05	0.40	0.14	0.00	0.00	2.16	25.11	25.93	24.48	26.65	26.99	23.83	21.08	33.86	20.92	24
2	17.87	20.26	20.06	22.79	27.12	27.01	24.67	24.53	27.39	24.90	25.42	27.44	27.74	27.48	31.88	37.46	30.38	22.83	21.39	28.16	31.39	29.80	24.63	25.50	37.46	26.17	24
3	30.69	35.13	33.59	33.09	35.14	37.36	40.19	37.02	35.80	36.92	36.79	40.57	39.96	38.71	37.74	40.96	45.68	46.82	42.43	40.69	40.95	37.31	42.03	40.78	46.82	38.60	24
4	43.51	44.36	45.27	48.95	46.17	43.10	42.90	43.37	40.14	45.54	45.67	45.84	45.36	46.70	47.58	46.10	45.89	45.15	43.06	39.47	42.31	44.79	47.52	43.32	48.95	44.67	24
5	42.24	39.99	41.74	42.20	38.29	34.22	35.05	37.73	34.69	38.34	37.16	35.55	24.96	23.95	27.68	27.08	25.00	27.37	27.31	24.96	28.19	27.57	29.12	31.15	42.24	32.56	24
6	32.62	31.30	34.56	33.49	27.01	24.07	24.31	24.47	23.65	20.06	21.85	22.44	22.58	24.01	31.61	44.00	36.17	35.23	33.35	33.54	33.85	29.55	27.38	27.86	44.00	29.12	24
7	29.00	29.20	28.81	29.75	37.30	41.54	35.45	32.55	32.53	32.12	28.89	34.91	28.61	28.22	27.67	31.29	32.13	34.51	40.07	34.58	33.34	50.08	43.36	39.39	50.08	33.97	24
8	35.31	33.60	34.86	36.87	31.43	29.74	30.78	34.70	34.54	33.66	27.68	35.12	31.10	24.42	23.67	27.45	33.71	38.52	33.09	26.43	30.73	30.64	57.24	47.22	57.24	33.44	24
9	40.21	42.91	37.13	33.73	36.75	37.19	34.36	36.42	33.79	37.96	40.40	42.82	41.74	44.76	45.04	48.31	47.96	48.42	44.86	33.29	38.49	42.37	44.52	48.59	48.59	40.92	24
10	48.12	46.08	44.23	47.85	48.11	41.64	39.22	38.66	35.98	43.30	47.00	43.48	34.85	37.77	42.62	42.70	41.53	39.44	37.28	30.79	45.40	60.44	42.34	40.54	60.44	42.47	24
11	40.88	43.95	52.11	53.03	48.63	49.19	49.83	44.46	51.54	56.29	57.46	55.99	50.35	43.84	43.43	46.40	58.25	57.73	48.69	44.88	41.57	42.74	41.98	42.57	58.25	48.58	24
12	43.68	48.71	45.39	40.44	46.60	50.72	49.95	49.53	50.40	31.73	0.30	2.13	0.26	0.00	0.01	0.00	0.17	2.90	0.21	41.87	49.96	48.58	42.88	43.70	50.72	28.76	24
13	49.97	48.90	42.07	41.44	39.39	48.36	49.76	50.21	45.43	49.34	47.24	43.24	39.21	40.28	36.14	37.62	48.34	27.73	37.87	38.61	42.02	40.71	36.13	36.10	50.21	42.34	24
14	40.78	43.59	40.56	40.25	36.87	38.42	40.59	36.01	36.75	39.84	39.56	43.38	51.25	47.23	42.88	45.30	44.21	41.49	38.68	43.60	46.66	42.74	43.19	42.84	51.25	41.95	24
15	46.40	42.40	42.27	46.91	42.93	39.94	39.20	40.02	39.23	39.10	37.40	40.77	38.46	39.07	44.19	16.29	0.27	5.14	64.51	51.63	50.35	45.50	45.96	45.37	64.51	39.30	24
16	40.90	39.50	34.81	31.98	38.33	44.54	33.47	29.26	32.21	32.78	35.70	29.87	28.36	30.09	27.90	33.47	45.22	40.72	34.34	27.03	29.59	26.28	30.57	40.51	45.22	34.06	24
17	37.27	35.53	37.60	34.99	29.96	28.01	27.85	27.10	27.62	31.18	28.44	31.47	30.60	27.22	34.19	42.62	39.23	38.02	30.12	27.38	29.99	32.72	32.46	35.64	42.62	32.38	24
18	33.70	34.16	36.30	35.62	33.99	72.96	35.63	33.54	33.25	35.94	36.09	40.71	30.07	32.09	40.39	48.53	49.11	48.60	46.48	51.23	39.43	42.15	36.99	32.56	72.96	39.98	24
19	32.20	32.07	36.26	35.34	31.36	31.34	35.87	33.87	31.94	33.38	34.15	31.06	27.36	30.87	33.94	31.66	30.69	33.69	30.20	29.88	29.34	33.93	35.04	35.57	36.26	32.54	24
20	38.32	37.88	35.55	32.57	30.49	24.16	28.82	28.18	25.26	26.86	27.09	28.06	28.48	28.82	26.97	38.62	37.83	34.68	32.38	32.16	35.10	37.44	36.58	34.85	38.62	31.96	24
21	31.83	32.04	30.00	30.69	30.72	31.61	32.19	29.11	31.79	37.10	27.22	30.05	27.28	30.90	32.16	31.44	32.04	28.86	29.39	31.69	30.31	29.53	30.04	29.18	37.10	30.72	24
22	24.95	26.86	28.35	29.99	31.70	34.98	33.88	33.76	35.11	37.20	35.96	31.91	42.33	40.57	34.05	31.99	27.93	29.86	31.92	31.40	37.02	40.26	37.12	35.50	42.33	33.53	24
23	32.96	36.86	38.08	36.07	34.65	33.87	28.56	34.54	37.91	39.75	41.96	41.27	36.70	40.49	43.16	39.13	41.37	42.10	37.24	41.00	39.91	44.53	45.84	42.81	45.84	38.78	24
24	40.39	46.30	44.34	42.45	41.04	38.34	38.44	40.79	40.43	43.80	45.91	47.11	48.22	45.18	50.62	52.07	49.17	43.79	40.32	47.51	47.96	45.63	45.02	46.49	52.07	44.64	24
25	46.57	48.30	51.08	52.85	75.89	58.12	45.35	39.57	39.49	42.46	42.27	35.69	35.91	42.73	41.05	43.00	45.91	51.51	41.29	45.00	46.12	40.24	41.50	43.12	75.89	45.63	24
26	40.15	38.02	36.35	38.79	40.61	35.81	39.04	40.37	40.04	38.85	39.48	42.19	36.52	35.94	39.85	43.60	46.18	43.37	40.76	40.85	48.55	40.97	43.21	43.33	48.55	40.53	24
27	38.42	37.12	36.51	37.30	39.67	40.50	45.04	38.60	40.65	40.83	44.12	45.79	43.37	37.55	40.27	41.57	39.49	39.20	39.96	33.89	38.65	37.13	36.79	49.86	49.86	40.10	24
28	35.58	30.78	34.95	35.82	35.27	38.24	40.95	43.52	42.23	43.56	44.63	38.40	27.67	30.18	31.64	33.07	36.58	33.43	35.41	35.75	42.34	39.59	39.53	39.46	44.63	37.02	24
29	40.11	31.34	27.59	28.31	33.08	28.45	29.74	29.97	31.72	35.64	37.25	33.88	22.36	23.59	27.52	29.41	26.82	32.59	46.22	35.67	26.53	29.69	37.85	39.63	46.22	31.87	24
Max	49.97	48.90	52.11	53.03	75.89	72.96	49.95	50.21	51.54	56.29	57.46	55.99	51.25	47.23	50.62	52.07	58.25	57.73	64.51	51.63	50.35	60.44	57.24	49.86	75.89	36.47	
Avg	37.53	37.54	37.23	37.23	37.71	38.27	36.55	35.91	35.78	37.06	35.84	35.77	32.48	32.51	33.99	35.56	35.84	35.82	36.37	36.12	38.03	38.62	38.64	38.78			
Rds	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29			

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