

Pacific Custom Materials
Kiln 3 - Report for Month of December 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	0.00	0.11	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.93	0.00	0.07	0.00	0.00	0.00	0.44	0.73	1.26	0.41	3.01	3.01	0.36		
2	0.74	0.36	0.00	0.00	0.16	2.49	43.35	398.72	15.21	0.00	0.67	5.84	1.30	64.54	186.78	151.33	49.21	0.82	0.60	0.69	0.04	0.11	0.16	0.00	398.72	38.46	
3	0.53	2.13	0.47	2.05	0.48	9.59	16.64	2.79	4.48	4.75	12.37	6.34	0.18	0.00	2.16	4.44	0.71	1.99	3.07	5.58	3.01	5.90	1.18	0.00	16.64	3.78	
4	0.89	13.23	10.17	5.17	2.21	0.00	1.71	17.10	0.52	7.35	3.11	1.55	2.29	0.82	0.06	0.17	3.78	3.27	0.00	0.00	0.01	0.43	0.52	2.66	17.10	3.21	
5	2.03	0.04	0.20	1.20	2.01	6.54	5.20	0.44	0.32	2.69	8.90	0.14	0.79	33.64	36.12	4.10	0.00	0.04	11.76	1.00	0.00	0.13	0.30	0.84	36.12	4.93	
6	1.51	0.42	0.42	0.00	0.09	0.06	0.16	0.22	0.64	2.53	3.27	1.39	0.30	0.14	0.64	0.01	0.00	0.00	0.16	0.36	58.16	38.17	9.84	5.83	58.16	5.18	
7	0.66	15.48	8.15	2.05	3.04	1.17	0.60	1.69	0.00	1.10	9.23	2.58	0.42	3.56	4.83	1.40	2.50	1.58	0.16	3.07	1.84	57.48	61.21	17.56	61.21	8.39	
8	9.03	4.43	2.33	0.75	0.06	3.54	6.26	22.88	12.62	88.21	50.49	224.32	173.49	29.34	68.94	2.93	0.54	0.73	17.43	21.97	0.09	1.16	0.11	0.00	224.32	30.90	
9	0.18	0.00	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.71	0.00	1.94	0.47	0.04	0.81	2.54	0.58	1.05	0.39	0.52	0.26	0.00	0.00	2.54	0.40	
10	0.00	0.00	0.00	0.00	0.07	0.00	0.39	0.91	2.37	0.25	0.00	0.02	0.14	0.51	9.33	3.16	0.07	0.31	3.99	4.56	1.86	0.01	1.00	1.06	9.33	1.25	
11	0.17	0.00	1.27	14.01	8.69	1.33	5.96	1.49	0.66	3.58	5.69	8.44	1.27	8.21	0.89	3.34	2.23	0.48	1.86	0.18	1.14	1.15	4.37	1.41	14.01	3.24	
12	3.44	0.12	1.07	0.07	1.96	7.13	12.01	29.44	126.03	50.97	32.14	258.12	658.28	298.49	263.43	315.13	35.13	78.42	39.06	25.26	0.31	285.15	36.99	15.60	658.28	107.24	
13	25.41	52.93	62.86	41.61	33.52	15.07	7.06	1.01	14.67	29.69	5.56	4.25	4.29	10.24	6.59	0.04	2.04	8.39	15.14	28.87	11.69	0.82	2.36	10.24	62.86	16.43	
14	24.36	14.43	4.14	1.99	1.81	0.88	2.95	3.34	1.31	6.85	4.09	26.44	18.06	1.08	4.32	7.11	58.75	1.94	7.45	10.22	0.80	0.01	1.11	0.22	58.75	8.49	
15	1.48	1.08	0.00	16.43	6.37	0.06	3.72	1.84	17.86	15.51	8.21	1.51	3.91	4.13	0.65	0.01	0.49	0.44	7.53	40.72	10.98	4.86	12.08	0.36	40.72	6.68	
16	1.35	4.60	0.68	0.00	2.60	3.61	7.99	2.28	0.00	3.39	12.47	5.67	7.04	0.85	1.70	5.98	4.63	0.41	8.18	2.97	1.39	1.49	0.73	0.52	12.47	3.35	
17	5.68	0.11	10.44	0.42	3.15	5.49	3.11 W	0.17	1.67	0.87	3.75	2.56	2.70	10.67	1.72	3.15	0.64	1.32	0.00	0.81	12.87	4.79	2.35	5.00	12.87	3.48	
18	6.07	2.50	0.64	2.35	0.00	6.35	1.47	17.92	2.73	1.19	0.52	14.24	4.26	0.76	0.37	14.51	0.90	38.21	12.50	4.80	4.10	1.30	1.36	6.21	38.21	6.05	
19	3.76	1.84	7.74	2.02	0.16	0.19	1.48	6.92	7.43	11.93 W	4.92	4.73	5.17	5.34	16.25	14.01	34.54	41.71	0.12	10.70 W	7.99	6.46	0.52	1.55	41.71	8.23	
20	10.39	24.67	3.43	3.82	14.26	7.76	2.67	18.55	0.50	0.62	0.00	0.00	0.00	0.03	0.19	0.04	6.54	38.60	18.90	5.43	5.09	0.40	2.62	5.06	38.60	7.07	
21	0.67	18.84	30.94	24.49	24.18	8.28	0.25	5.33	15.94	5.50	20.92	22.77	3.46	1.02	0.79	2.53	0.40	0.25	2.55	7.92	10.50	2.24	4.37	11.04	30.94	9.38	
22	3.44	6.12	5.26	0.88	0.52	0.24	1.33	2.97	11.22	2.06	0.70	0.00	0.32	0.00	1.75	14.90	11.26 W	7.97	0.91	5.71	1.48	13.55	27.37	1.46	27.37	5.06	
23	5.15	10.36	1.71	1.05	8.29	12.33	4.42	4.95	3.69	8.04	0.37	2.17	35.16	18.80	31.33	28.06	3.08	5.57	3.93	5.71	1.52	2.00	1.61	12.97	35.16	8.84	
24	1.06	1.50	14.59	25.33	11.21	0.29	0.00	0.00	0.00	0.00 W	0.13	0.12 W	0.09 W	0.04	0.06	0.20	0.00	0.05	0.86	0.15	1.10	0.95	0.05	0.04	25.33	2.41	
25	0.18	0.05	0.38	2.06	5.00	2.42	8.13	0.69	0.36	0.00	0.00	0.00	0.12	0.02	0.01	0.00	0.03 W	0.13	0.49	4.03	0.38	0.00	0.00 W	0.00	8.13	1.02	
26	0.00	0.52	0.76	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.01 W	0.07	0.29 W	0.80	0.15	0.25	0.05	0.14	0.03	0.33	0.08	0.34	0.80	0.16	
27	2.81	0.57	0.09	0.03 W	0.02	0.08	1.07 W	0.42	0.56	0.00	0.14	0.59	0.00	0.00	0.00	0.01	0.36	0.94	0.00	0.05	0.01	0.10	0.00	0.00	2.81	0.33	
28	1.00	0.63	0.00	0.39	0.25	0.01	0.00	0.10	0.04	0.03	0.01	0.00	0.01	0.90	0.98	0.90	0.13	0.68	0.00	0.11	0.00	0.63	0.80	0.00	1.00	0.32	
29	0.03	0.00	0.01	0.09	0.00	0.00	0.05	0.00	0.01	0.00	0.00	0.11	0.01	0.31	0.31	0.01	0.00	0.09	0.29	0.00	0.03	0.03	0.31	0.00	0.31	0.07	
30	0.07	0.00	0.01	0.00	0.01	0.00	0.74	0.88	0.00	0.00	0.00	0.03	1.88	0.82	0.15	4.08	0.53	0.00	0.00	0.01	0.10	0.22	0.00	0.70	4.08	0.43	
31	0.20	0.94	3.55	0.00	0.04	0.18	0.35	1.52	0.00	0.00	0.00	0.00	0.00	0.17	0.09	0.04	0.01	0.00	0.00	0.00	0.50	0.41	0.29	0.04	3.55	0.35	
																										658.28	9.53
Max	25.41	52.93	62.86	41.61	33.52	15.07	43.35	398.72	126.03	88.21	50.49	258.12	658.28	298.49	263.43	315.13	58.75	78.42	39.06	40.72	58.16	285.15	61.21	17.56			
Avg	3.62	5.74	5.56	4.78	4.20	3.07	4.49	17.57	7.77	7.97	6.08	19.18	29.93	15.97	20.67	18.81	7.14	7.59	5.10	6.19	4.46	13.93	5.62	3.35			

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'W' - Caution

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1	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.25	0.05	0.74	0.97	0.23	0.05	0.07	0.02	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	44.11	44.11	1.94	
2	36.30	38.18	36.02	32.57	85.07	37.61	30.46	25.63	25.09	28.06	30.56	28.89	32.91	32.20	31.26	33.47	31.59	29.96	34.68	32.65	32.46	37.19	39.67	39.14	85.07	35.07	
3	38.62	32.25	37.03	36.66	35.00	33.98	31.40	31.84	36.75	42.35	40.45	31.83	34.69	36.57	37.74	46.42	45.33	30.76	32.23	34.77	35.87	37.72	42.47	45.05	46.42	36.99	
4	41.26	44.69	47.25	43.94	41.91	45.12	39.69	41.43	41.97	47.38	43.27	40.47	38.16	43.67	41.93	34.46	35.59	27.78	27.56	33.21	34.36	41.45	33.95	32.09	47.38	39.27	
5	35.01	30.23	37.41	36.39	32.76	39.55	41.09	38.91	35.33	34.13	30.81	28.41	30.50	29.26	26.74	35.37	38.06	25.25	27.02	24.32	27.23	31.11	32.75	33.11	41.09	32.53	
6	37.80	33.02	42.58	37.17	30.24	27.02	27.73	35.01	29.98	32.23	28.64	28.60	27.67	29.64	26.44	27.81	34.56	36.58	35.17	36.15	36.29	37.20	37.29	36.61	42.58	32.98	
7	42.08	40.56	39.96	37.02	34.27	32.54	38.92	39.56	37.06	33.19	33.49	33.87	40.97	36.96	32.63	39.26	41.46	40.44	33.41	32.20	39.61	40.65	34.18	35.82	42.08	37.09	
8	37.73	37.25	40.41	40.72	41.45	41.20	38.70	43.73	46.49	40.43	32.26	33.54	41.46	38.11	37.49	38.47	38.50	41.20	48.96	43.10	48.07	41.88	35.95	38.17	48.96	40.22	
9	38.75	15.33	8.47	9.38	4.45	4.52	2.51	4.02	5.36	3.72	1.05	0.09	0.01	1.50	8.27	11.04	9.85	13.19	9.38	17.77	31.14	22.77	1.90	6.54	38.75	9.63	
10	8.44	5.64	1.68	3.84	8.84	2.33	1.54	3.84	5.28	9.26	9.83	4.13	10.50	9.59	7.97	6.47	4.13	41.94	55.94	42.79	38.38	37.34	41.56	45.22	55.94	16.94	
11	42.15	41.18	49.15	50.10	41.80	44.92	41.80	45.79	44.70	43.70	47.84	47.98	53.41	52.62	54.49	56.79	50.68	44.21	34.68	38.01	39.18	36.77	33.48	38.91	56.79	44.76	
12	40.95	38.76	37.69	36.92	35.57	44.70	39.94	40.95	42.25	49.37	12.54	0.00	28.75	38.60	47.29	64.04	54.14	46.79	43.01	38.24	39.28	40.21	31.26	32.07	64.04	38.47	
13	36.04	36.52	32.82	35.98	41.31	91.36	43.67	36.49	35.34	39.16	33.54	33.13	31.27	38.05	38.14	34.89	36.41	32.77	38.70	42.15	43.10	44.11	34.99	37.06	91.36	39.46	
14	31.12	33.43	38.52	39.51	49.30	52.30	49.17	43.00	44.71	45.25	39.82	43.65	50.16	40.42	37.59	45.00	42.19	42.08	37.98	37.02	39.43	50.51	57.96	90.40	90.40	45.02	
15	76.12	95.76	80.00	59.72	50.69	47.98	48.55	49.38	51.09	57.14	50.57	55.86	67.99	58.44	56.52	61.45	51.94	53.85	55.18	51.24	47.14	50.84	47.80	46.38	95.76	57.15	
16	52.57	54.73	55.77	49.77	52.21	47.80	42.94	43.94	43.21	43.25	48.80	52.51	61.10	64.05	61.93	57.37	55.99	55.97	55.28	59.53	59.37	63.81	55.36	53.82	64.05	53.80	
17	57.80	54.71	53.46	56.33	52.36	55.68	59.52	61.67	56.18	52.08	57.16	63.74	64.53	63.44	62.34	60.77	77.88	99.16	132.48	164.26	193.31	233.30	258.76	278.73	278.73	98.73	
18	314.14	345.79	360.03	362.56	378.19	383.54	398.90	402.43	416.27	414.05	402.20	410.86	402.92	411.07	370.45	348.28	338.37	381.79	386.79	382.20	375.92	360.61	352.94	341.91	416.27	376.76	
19	330.07	325.25	311.03	298.37	308.45	296.55	275.08	268.25	262.98	258.67	254.48	249.86	242.52	230.65	212.71	241.10	221.86	215.68	227.50	218.05	215.06	185.64	172.95	165.27	330.07	249.50	
20	166.95	170.91	171.86	170.85	164.12	159.84	155.90	160.70	159.09	163.05	154.83	155.28	153.35	155.02	164.97	160.28	153.74	140.15	141.55	142.36	139.96	133.81	132.17	126.15	171.86	154.04	
21	117.53	114.87	122.06	119.85	116.93	115.33	109.89	98.60	98.32	100.75	97.18	93.49	93.92	85.93	95.19	83.69	68.65	69.01	70.28	76.21	73.26	68.10	61.92	61.28	122.06	92.18	
22	63.81	59.86	65.97	78.87	76.33	73.61	79.11	79.97	76.24	8.55	2.20	3.00	18.66	106.29	81.78	75.51	76.07	78.66	71.35	66.17	67.74	64.27	66.31	65.47	106.29	62.74	
23	62.87	56.81	57.19	55.04	47.31	41.14	49.17	54.10	57.16	51.87	53.20	52.65	54.86	58.68	73.37	77.49	53.35	57.82	57.73	50.11	55.69	59.90	50.40	57.19	77.49	56.05	
24	51.43	47.80	51.82	51.99	47.66	4.08	7.06	4.74	3.12	3.09	3.77	4.05	3.99	2.17	2.75	1.54	3.58	2.12	1.27	2.30	1.42	1.92	3.85	2.11	51.99	12.90	
25	1.06	1.19	1.04	2.09	2.14	2.05	3.41	2.75	0.12	0.41	0.76	1.11	0.30	0.04	1.38	0.41	0.00	0.02	0.12	0.07	0.00	0.46	0.11	0.00	3.41	0.88	
26	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.22	0.00	0.00	0.00	0.00	0.00	0.04	0.48	0.10	0.06	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.48	0.04	
27	0.02	0.21	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.05	0.02	0.00	0.17	0.01	0.21	0.02	
28	0.37	0.35	0.57	0.29	0.00	0.00	0.00	0.02	0.23	0.14	0.04	0.02	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.57	0.09
29	0.00	0.07	0.09	0.04	0.36	0.23	0.66	1.63	0.32	0.00	0.00	0.01	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.63	0.14	
30	0.00	0.00	0.00	0.01	0.13	0.00	0.00	0.17	0.24	0.16	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	0.00	0.24	0.03	
31	0.00	0.00	0.02	0.23	0.79	0.08	0.06	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.08	0.69	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.09	
Max	330.07	345.79	360.03	362.56	378.19	383.54	398.90	402.43	416.27	414.05	402.20	410.86	402.92	411.07	370.45	348.28	338.37	381.79	386.79	382.20	375.92	360.61	352.94	341.91	416.27	53.73	
Avg	56.81	56.63	57.42	56.33	57.41	55.65	53.45	53.52	53.38	51.68	48.72	48.30	51.12	53.65	52.00	52.98	50.46	51.85	53.49	53.71	55.27	55.53	53.55	56.54			

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