

Pacific Custom Materials
Kiln 3 - Report for Month of January 2010
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	1.03	0.73	0.30	2.51	1.94	1.53	4.21	2.35	0.00	0.01	0.48	1.38	1.68	1.29	0.45	0.70	0.07	0.11	0.79	0.53	0.05	0.37	1.22	0.68	4.21	1.02	
2	3.48 V	2.84 V	0.23 V	0.58 V	0.16 V	0.90 V	0.66	3.79	0.91	2.67	0.29	0.31	1.42	2.07	0.80	1.55	4.76	1.77	2.61	2.19	0.50	0.15	0.08	0.43	4.76	1.47	
3	0.94	0.88	0.19	0.28	2.06	0.37	2.31	3.57	0.75	1.75	1.17	1.11	1.91	1.02	0.10	0.77	0.32	0.84	0.38	0.64	1.37	1.60	1.43 W	0.62 W	3.57	1.10	
4	1.13 V	0.65	1.75	0.45	1.08	0.23	0.93	4.34	1.01	0.47	0.38	1.86	5.14	0.48	0.08	1.03	0.95	0.14 V	0.50 V	3.57 V	2.07	0.62	3.62	2.17	5.14	1.45	
5	0.17	0.48	1.32	1.27	1.73	3.42	3.44 V	2.08	0.16	0.01	0.30	0.04	0.79	4.53	3.31	0.39	0.53	0.79	1.40	0.45	0.16 V	2.62 V	2.35 W	0.04	4.53	1.32	
6	3.11	3.18	1.13	2.31	1.09	2.32	0.91	0.67	0.63	0.46	2.13	0.79	0.70	4.87	3.41	3.10	1.54	0.76	0.29	0.18	0.55	1.31	0.67	0.01	4.87	1.51	
7	0.53	0.08	0.00	0.65	0.50	0.38	0.16	0.51	0.47	0.21 I															0.65	0.36	
8																											
9																											
10																											
11																											
12																											
13																											
14																											
15											0.12	0.76	1.50	0.69	3.68	1.32	0.59	2.32	1.26	0.24	0.02	1.42	1.05	1.73	3.68	1.19	
16	2.11	0.42	0.40	1.60	4.57	3.92	0.82	1.38	0.21	1.42	1.84	1.44	2.26	0.97	0.59	1.02	0.63	0.43	1.64	0.46	0.31	1.19	0.52	0.27	4.57	1.27	
17	1.88	1.56	0.13	1.13	0.94	1.86	0.75	0.10	0.38	1.54	2.02	0.66 V	1.08 V	1.75 V	0.24	0.01	0.03	0.21	2.02	4.84	4.21	0.99	3.46	1.24	4.84	1.38	
18	1.83	3.86	0.59	253.09	146.55	45.35	1.56	9.31	6.11	3.57	1.84	6.92	5.36 V	2.53	13.95	55.56	15.37	9.71	6.72	7.43	7.72	4.02	0.78	2.58	253.09	25.51	
19	4.65	5.44	5.18	5.63	5.34	1.71	2.56	3.58	3.20 V	9.92	9.71	3.90 V	5.34 V	5.73	7.80	12.48	13.09	10.14	8.99	5.47	8.98	4.78	8.93	15.17	15.17	6.99	
20	14.55	21.93	26.26	13.67	11.14	8.14 V	8.40	1.17	10.28	13.16	18.05	8.22	10.83	18.18	10.36	5.23	5.37	3.25	2.13	8.64	10.53	10.23	11.48	16.50	26.26	11.15	
21	14.13	13.20	15.62	19.09	27.50	19.92	9.44	5.14 V	14.79	16.51 V	11.35	4.95 V	5.32	7.68	12.41	4.30	2.22	2.47	9.81	7.91 V	6.95 V	13.49 V	22.32	11.40	27.50	11.58	
22	4.13	3.41	4.64	5.34	3.56	7.52	5.02	6.75	6.29	9.38	5.31	6.92	5.69	6.69	7.38	5.53	1.17	0.79	4.58	20.82	11.36	6.72	13.58	7.62	20.82	6.67	
23	2.95	2.68	1.50	4.75	3.07	1.45 V	2.34	7.83	7.79 V	3.78	3.56	4.80	4.83	1.42	1.55	0.74	0.59	2.70	0.36	6.60	7.71	14.62	12.91	2.30	14.62	4.28	
24	4.93	14.50 V	17.93 V	7.21 V	6.57	4.03	0.68	1.98	5.48	4.23	2.62	1.22	4.47	6.58	6.21	7.27	1.12	0.10	1.07	0.85	0.06	3.69	8.76	3.52	17.93	4.80	
25	12.05	11.37	5.44	0.41	3.00	3.67	13.88	12.90	15.04	2.78	6.46	10.21	1.57	1.15	6.99	10.33	7.36	5.89	6.49	3.18	7.05	10.34	4.18	0.62	15.04	6.77	
26	1.89	3.58	0.57	0.66	1.75	4.81 V	9.80	4.00	0.46	1.37	7.38	3.34	1.87	3.05	6.26	7.28	4.96	4.08	0.92	1.52	11.21	13.78	5.77	7.09	13.78	4.48	
27	6.96	10.98	3.80	2.34	2.80	6.47	18.74	20.58	6.82 V	1.63	7.48	5.99	2.70	7.57	10.59	1.95	9.28	9.67	9.19 V	6.38	3.93	4.32	6.51	10.34	20.58	7.38	
28	6.74	8.03	2.47	1.46	8.34	11.91	3.33	1.45	0.47	0.16	1.17	8.00	5.75	6.98	10.00	2.41	1.73	2.54	4.73	2.01	2.23	3.86	3.98	8.97	11.91	4.53	
29	4.82	1.47 V	2.91 V	5.10 V	7.81 V	8.44 V	5.85 V	3.83	0.05	2.20	4.48	5.10	3.66	13.50	5.34	5.11	5.99	6.58	5.65	6.64	5.48	5.19	3.38	7.75	13.50	5.26	
30	14.30	15.29	23.29	12.74	13.61	12.99	5.33	9.73	10.81	6.59	1.81	2.00	5.43	8.45	5.71	8.13	9.24	13.72	2.59	6.51	11.81	4.39	1.75	0.96	23.29	8.63	
31	0.73	2.60	5.96	8.66	9.95	11.70	5.01	1.63	1.41	0.13	5.67	7.92	2.55	9.57	9.14	7.19	14.43	18.76	22.17	17.35	23.86	12.89	12.08	6.77	23.86	9.09	
																										253.09	5.38
Max	14.55	21.93	26.26	253.09	146.55	45.35	18.74	20.58	15.04	16.51	18.05	10.21	10.83	18.18	13.95	55.56	15.37	18.76	22.17	20.82	23.86	14.62	22.32	16.50			
Avg	4.74	5.62	5.29	15.26	11.53	7.09	4.61	4.73	4.07	3.81	4.16	3.82	3.56	5.08	5.49	6.24	4.41	4.25	4.19	4.97	5.57	5.33	5.69	4.73			
Rds	23	23	23	23	23	23	23	23	23	22	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23		

'I' - Invalid
'M' - Maintenance
'W' - Caution
'U' - User Data
'E' - Error
'F' - Frozen FIFO
'C' - Calibration
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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	
1	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	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.03	0.00	
2	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.34	0.03	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	0.03	0.34	0.02	
4	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.15	0.41	0.00	0.00	0.00	0.00	0.00	0.36	0.07	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	0.41	0.04	
6	0.00	0.12	0.11	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.01	
7	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8										0.00															0.00	0.00	
9																											
10																											
11																											
12																											
13																											
14																											
15											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	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.16	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	0.16	0.01	
17	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	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.12	0.01	
18	0.00	0.00	0.00	0.00	73.12	52.29	44.71	55.48	119.53	59.44	51.20	59.97	59.87	120.41	47.16	46.58	49.76	46.24	47.14	57.58	76.00	74.85	64.52	52.70	120.41	52.44	
19	47.26	53.98	55.64	49.45	55.04	50.29	50.67	49.96	67.27	67.64	64.37	82.15	145.55	83.49	76.43	58.25	47.34	50.82	82.40	79.69	88.02	70.29	65.09	62.51	145.55	66.82	
20	94.92	105.26	97.08	121.73	120.06	111.66	116.04	117.08	111.83	115.43	116.91	89.49	52.66	14.57	76.82	61.16	83.71	94.50	90.91	93.42	82.29	93.78	79.23	86.59	121.73	92.80	
21	77.52	118.87	154.40	164.75	175.80	122.18	95.43	79.05	63.40	74.19	21.60	98.34	90.70	111.24	119.93	123.50	116.44	88.86	92.75	92.41	95.55	93.26	86.96	91.05	175.80	102.01	
22	95.96	82.65	75.84	62.16	63.86	70.06	68.83	64.52	60.98	63.75	65.29	68.65	69.22	70.26	68.61	67.50	60.95	67.17	71.47	85.24	71.50	65.55	61.76	70.47	95.96	69.68	
23	73.49	72.66	66.78	67.48	64.16	68.93	85.42	72.55	67.23	63.86	53.06	67.51	64.86	55.23	56.02	67.65	66.35	69.72	68.39	71.00	76.74	66.46	65.87	71.97	85.42	67.64	
24	67.97	75.98	65.00	54.12	51.83	58.91	55.36	53.47	48.76	46.57	50.92	52.09	48.48	50.26	60.31	56.15	53.75	73.75	87.08	69.56	73.72	76.98	92.15	91.28	92.15	63.10	
25	105.56	117.52	79.18	77.74	80.53	85.70	86.70	88.99	86.94	81.26	80.76	73.57	73.07	71.82	65.22	70.25	67.19	76.73	84.88	110.82	128.55	76.68	76.10	83.32	128.55	84.55	
26	85.02	75.31	66.87	59.62	60.28	54.95	54.09	58.16	60.53	64.41	39.85	0.00	60.35	63.49	69.24	78.08	85.61	79.75	75.10	77.19	78.23	80.61	86.58	90.13	90.13	66.81	
27	93.14	96.92	89.86	67.80	66.60	65.79	66.26	67.22	68.79	70.36	78.31	76.51	77.87	78.39	71.68	72.92	65.56	64.86	78.57	87.24	78.48	78.58	71.72	77.07	96.92	75.44	
28	72.04	64.09	63.88	72.00	62.54	54.24	48.93	54.27	60.93	69.53	70.81	69.99	70.62	70.23	70.12	68.89	53.71	50.77	59.67	48.92	44.75	38.57	42.58	49.28	72.04	59.64	
29	51.49	46.17	56.01	54.74	51.77	55.70	55.48	52.80	57.79	54.95	48.86	57.14	52.86	56.61	56.56	68.92	97.74	95.67	83.64	89.68	87.74	126.83	198.85	153.29	198.85	75.47	
30	166.37	175.75	1.83	0.00	0.00	0.00	0.00	0.02	0.07	0.00	43.12	112.71	103.86	60.32	63.98	62.97	62.56	58.16	60.15	63.08	63.11	78.01	63.42	66.10	175.75	54.40	
31	67.23	67.69	73.35	75.81	82.21	78.29	72.92	59.42	68.84	72.26	72.63	65.90	71.97	69.63	212.84	110.58	154.80	166.25	193.20	177.95	160.97	165.93	166.98	195.85	212.84	112.65	
																									212.84	43.48	
Max	166.37	175.75	154.40	164.75	175.80	122.18	116.04	117.08	119.53	115.43	116.91	112.71	145.55	120.41	212.84	123.50	154.80	166.25	193.20	177.95	160.97	165.93	198.85	195.85			
Avg	47.74	50.14	41.14	40.32	43.82	40.39	39.17	37.96	41.03	41.09	37.29	42.35	45.30	42.43	48.47	44.06	46.32	47.10	51.10	52.34	52.42	51.58	53.12	53.98			
Rds	23	23	23	23	23	23	23	23	23	22	23	23	23	23	23	23	23	23	23	23	23	23	23	23			

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