Pacific Custom Materials
Kiln 3 - Report for Month of December 2009
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	2.88	1.81	1.02	1.64	0.95	0.50	3.02	1.32	1.53	2.02	1.99	0.73	0.91	1.46	1.01	2.56	0.80	0.73	0.94	2.84	4.59	5.88	2.38	1.65	5.88	1.88
2	3.21	3.19	0.97	0.68	0.14	1.04	3.79	1.63	3.68	3.91	3.59	4.83	5.66	4.46	8.47	1.29	0.01	1.22	0.64	1.31	1.27	6.05	12.39	11.12	12.39	3.52
3	0.96	3.75 W	52.91 W	177.77 W	125.64	34.80	10.66	3.41	5.02	3.07	9.25	3.53	2.20	1.61	6.76	2.05	1.79	11.96	9.39	5.04	1.11	0.44	3.07	4.79	177.77	20.04
4	6.91	2.08	1.41	4.67	5.14	0.34	2.41	1.75	1.70	1.03	1.77	1.53	1.53	0.49	3.32	5.73	2.44	7.16	8.92	3.51	1.74	4.87	15.19	15.32	15.32	4.21
5	13.09	4.03 W	0.78	4.93	3.98	10.96	16.36	4.23	5.94	13.32	10.41	4.99	3.79	6.15	7.17	7.74	6.94	5.35	0.66	0.43	3.18	9.48	5.12	9.16	16.36	6.59
6	7.67	2.09	1.29	0.38	1.31	3.55	5.73	2.76	1.43	3.57	3.76	2.07	2.92	21.67	21.63	12.17	4.99	4.67	5.95	5.95	2.88	8.46	10.23	5.81	21.67	5.96
7	9.39	4.91	2.89	4.23	8.92	2.95	0.75	10.12	20.78	3.91	1.62	2.01	0.89	0.69	5.86	4.72	5.04	18.02	13.69	6.96 W	7.74	10.08	16.97	15.22 W	20.78	7.43
8	12.11	5.40 W	6.73	1.25	2.02	5.38 W	4.07	1.71	5.36 W	4.75	4.19	1.81	1.27	4.21	9.93	6.14	12.94	18.56	8.53	3.30	9.27	5.62	0.84	2.94	18.56	5.76
9	2.68	2.37	4.59 W	5.23 W	5.88	4.66	6.04	1.97	1.27	9.46	3.96	2.92	4.34	1.27	1.82	5.95 W	3.90 W	2.71 W	2.69	4.48	9.28	2.37	13.18	12.41	13.18	4.81
10	5.34	8.01	9.19	6.23	10.98	12.90	17.42	12.12	3.22	5.02	12.07	8.84	3.42	2.23	0.37	0.63	3.76	5.56	3.88	8.40	4.83	4.53	8.18	5.44	17.42	6.77
11	6.65	3.40	0.19	6.34	33.58	33.85	14.80	9.00	21.26	40.28	62.40	48.80	11.76	5.34	1.21	3.70	11.48	3.64	2.69	5.64	9.47	5.22	4.68	3.33	62.40	14.53
12	0.03	0.38	3.09	6.99	13.99	22.76	24.09	27.33	10.35	11.19	6.20	15.53	18.28	11.13	10.97	8.38	4.17	6.85	8.09	4.56	4.16	3.18	0.90	3.78	27.33	9.43
13	4.74	12.94	19.41	14.84	19.57	19.43	7.07	3.52	11.32	9.48	8.53	6.61	7.09	0.26	10.34	6.37	1.33	1.33 W	5.39 W	8.25	3.73	1.40	0.92	3.01	19.57	7.79
14	3.16	8.13	5.24	8.32	12.28	9.10	5.50	6.26	8.53 W	25.77	38.53	61.50	35.48	8.83	15.76	11.11	13.69	18.47	12.17	4.35	3.81	1.39	0.47	2.19	61.50	13.34
15	5.97	5.78	50.24	9.72	14.46	12.85	4.66	2.10	1.18	3.47	1.68	2.04	4.11	6.10	15.48	19.78	4.91	7.56	5.83	4.01	2.69	1.99	3.49	8.71	50.24	8.28
16	6.08	7.79	5.13	6.14	7.67	2.69	1.47	2.49	3.05	5.33	47.82	9.10	12.74	12.91	8.43	2.68	1.09	6.68	9.16	5.40	8.31	9.59	9.29	3.10	47.82	8.09
17	0.54	0.56	1.38	4.94	5.27	2.75	0.14	0.23	5.10	1.08	3.34	2.05	0.76	0.26	0.16	0.18	0.10	0.39	1.10	1.33	4.12	3.14	5.96	4.29	5.96	2.05
18	2.43	3.96	3.97	1.92	0.27	0.05 W	1.33 W	6.17 W	4.73	1.07	0.31	6.29	4.28	2.69	2.13	1.29	1.21	0.97	0.14	0.50	0.32	0.38	0.82	0.69	6.29	2.00
19	1.61	0.26	0.47	1.95	1.00	1.52	2.42	3.31	2.48	1.19	3.71	0.75	0.05	2.90	0.50	1.52	5.27	4.27	4.50	6.36	2.60	0.97	2.19	1.40	6.36	2.22
20	0.41	1.87	0.99	3.37 W	5.57 W	2.16 W	2.21	2.43 W	1.28 W	2.81	3.36	3.28	0.61	0.18	0.05	0.13	0.87	2.88	0.26	0.04	0.29	1.99	0.70	0.06	5.57	1.58
21	0.68	0.08	0.57	2.25	3.83	5.01	1.75	0.66	0.74	0.86	0.27	0.43	0.71	1.67	1.64	0.48	0.26	0.56	0.64	0.24	1.19	0.89	0.68	1.23	5.01	1.14
22	2.40	1.63	2.28	2.36	1.14	0.78 W	2.41	1.40 W	1.77 W	2.96 W	2.73	1.48	1.62	0.85	0.63	0.61	0.64	3.53	3.97	1.29	0.33	0.26	2.39	2.86	3.97	1.76
23	0.90	0.71	2.15	3.19	1.51	2.57	3.21	5.07	0.76	0.63	0.89	2.54	3.93	0.90	0.19	1.11	1.97	1.61	1.73	0.74	0.45	0.98	0.63	1.72	5.07	1.67
24	0.90	1.45	0.74	1.37	1.71	0.89	0.72	0.86	1.06	0.74	0.03	0.59	0.86	0.10	0.13	0.78	0.81	0.78	0.65	0.45	0.80	2.88	5.33	1.27	5.33	1.08
25	0.64	1.32	0.44	1.90	3.21	0.98	0.16	0.30	1.36	0.57	0.17	2.12	0.75	1.15	0.63	0.96	1.38	2.24	1.44	0.44	0.16	0.25	0.89	0.93	3.21	1.02
26	4.93	1.86	0.22	0.94	3.03	0.83	1.01	2.37	0.48	0.91	1.16	1.19	1.13	0.74	0.37	0.14	0.68	0.52	0.06	0.65	0.24	0.24	0.24	0.64	4.93	1.02
27	4.58	0.92	0.85	1.75	0.93	3.01	1.82	1.40	0.09	1.71	1.90	1.77	5.88	2.84	1.95	3.07	4.23	2.80	0.36	0.03	0.69	1.69	2.22	1.89	5.88	2.01
28	0.18	0.10	0.16	0.09	1.23	2.36	2.53	1.52	0.14	0.87	0.70	1.66	0.88	0.09	0.66	1.53	0.06	1.06	1.19	0.04	1.13	3.80	2.33	2.24	3.80	1.11
29	0.53	0.25	0.06	0.21	1.36	0.94	1.30	1.57	0.02	0.56	0.96	1.43	1.82	3.34	1.00	0.28	0.33	0.05	0.39	2.01	5.23	5.92	1.69	3.57	5.92	1.45
30	5.32	3.93	1.84	2.16	0.74 W	1.61 W	2.36 W	2.86	0.04	1.62	3.55	0.20	0.41	1.62	0.49	5.21	7.96	1.71	0.51	0.40	0.58	3.46	1.28	8.17	8.17	2.42
31	2.68	0.04	0.27	0.46	0.40	0.31	0.08	0.51	1.37	2.18	0.87	0.51	1.41	0.08	0.07	4.62	3.71	0.42	0.15	0.34	0.70	1.19	2.48	5.15	5.15	1.25
																									177.77	4.91
Max	13.09	12.94	52.91	177.77	125.64	34.80	24.09	27.33	21.26	40.28	62.40	61.50	35.48	21.67	21.63	19.78	13.69	18.56	13.69	8.40	9.47	10.08	16.97	15.32		
Avg	3.86	3.06	5.85	9.30	9.60	6.57	4.88	3.95	4.10	5.33	7.80	6.55	4.56	3.49	4.49	3.97	3.51	4.65	3.73	2.88	3.13	3.50	4.42	4.65		
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
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1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.09	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	1.19 W	2.30	0.12	0.00	0.00	2.30	0.16
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00 W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.02
3	56.56	61.81	40.07	39.19	35.47	35.43	31.48	30.87	26.71	34.95	35.83	35.32	37.69	41.75	33.12	36.08	44.48	33.77	35.90	39.07	39.93	42.02	39.36	46.31	61.81	38.88
4	50.72	48.35	44.25	44.45	43.16	43.58	47.64	48.88	48.75	43.61	40.99	41.33	37.41	38.03	45.16	63.82	42.32	41.52	42.89	40.34	38.54	38.94	42.18	41.36	63.82	44.09
5	43.15	49.33	48.54	39.70	37.10	41.07	40.75	42.51	44.19	37.04	34.67	34.88	35.27	37.06	42.01	42.05	38.05	25.74	27.48	50.49	47.71	33.70	30.40	30.06	50.49	38.87
6	32.67	35.63	30.77	28.17	29.00	36.51	49.11	44.25	43.62	41.56	41.64	39.15	40.13	36.65	36.29	49.46	52.34	46.96	36.37	36.34	46.28	52.08	55.67	51.50	55.67	41.34
7	40.68	41.22	45.00	40.87	49.82	50.33	46.31	42.00	44.20	42.67	43.32	42.87	43.43	41.35	39.94	48.95	51.58	69.40	67.13	54.02	62.70	63.91	67.42	62.55	69.40	50.07
8	58.92	56.20	64.33	66.62	75.26	75.46	74.60	80.57	86.66	96.14	98.20	102.84	100.32	97.96	97.40	97.12	126.86	128.21	109.33	99.50	95.99	98.92	88.92	88.59	128.21	90.20
9	88.19	84.86	88.29	87.52	78.86	77.86	78.95	76.82	77.47	76.99	68.93	64.50	66.50	65.75	64.86	67.11	66.89	64.82	59.15	60.49	62.79	58.02	58.88	56.65	88.29	70.88
10	51.96	54.33	51.21	215.18	149.47	146.43	122.29	107.54	111.64	88.87	53.53	43.33	46.42	52.44	56.72	53.82	54.30	54.41	61.59	60.45	56.54	63.71	67.28	60.73	215.18	78.51
11	64.77	65.63	62.81	117.88	96.03	60.72	55.60	244.56	332.50	196.61	220.81	425.35	250.13	101.22	90.57	94.46	101.31	72.85	69.18	59.68	53.42	54.53	55.99	66.41	425.35	125.54
12	59.03	59.03	56.58	62.68	89.81	135.85	118.04	84.13	92.65	90.24	94.35	101.99	150.82	131.58	146.08	126.07	138.33	121.44	111.73	104.31	79.06	68.73	67.76	65.23	150.82	98.15
13	58.30	87.12	138.85	86.60	75.30	75.51	69.80	76.98	72.72	73.40	72.24	43.04	2.03	0.00	93.14	85.80	79.66	73.21	72.42	63.43	57.86	54.51	55.20	56.08	138.85	67.63
14	47.55	41.88	57.13	72.19	70.42	64.04	63.30	64.87	65.92	59.36	62.33	61.02	56.18	59.02	59.08	48.65	44.71	42.25	35.47	33.42	42.66	42.35	40.55	40.84	72.19	53.13
15	38.97	35.76	47.60	51.42	50.27	51.31	53.52	59.89	53.09	50.45	49.60	42.53	40.16	43.97	45.45	39.00	37.42	41.44	46.83	40.61	33.37	36.01	39.21	40.04	59.89	44.50
16	32.26	36.34	39.42	38.97	40.86	42.96	43.63	50.15	48.10	46.33	41.92	33.19	35.09	48.86	46.30	45.05	45.45	48.38	56.80	55.23	51.10	54.12	87.18	78.49	87.18	47.76
17	56.62	53.43	54.54	46.88	97.36	124.11	114.10	103.55	64.81	116.27	11.82	6.72	4.46	4.26	10.64	6.50	2.31	1.65	6.01	5.19	3.22	3.66	6.26	7.17	124.11	37.98
18	8.94	7.74	2.22	1.53	2.86	2.47	0.30	0.00	0.00	0.12	0.00	0.00	0.15	0.37	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.94	1.11
19	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.17	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	0.17	0.01
20	0.14	0.08	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	0.14	0.01
21	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
22	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00 W	0.00 W	0.00 W	0.00 W	0.00 W	0.00 W	0.00 W	0.00 W	0.00 W	0.00 W	0.00 W	0.00 W	0.00 W	0.00 W	0.00 W	0.00 W	0.08	0.00
23	0.00 W	0.00 W	0.00 W	0.00 W	0.00 W	0.17 W	0.41 W	0.00 W	0.00 W	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.03
24	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.03	0.09	0.00	0.00	0.01	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.01
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.14	0.00	0.14	0.01
26	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
27	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
28	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	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.04	0.00
29	0.00	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	0.00	0.00	0.01	0.00
30	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	0.02	0.00	0.00	0.00	0.00	0.00	0.02	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.05	0.01	0.02	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	0.06	0.01
																									425.35	29.96
Max	88.19	87.12	138.85	215.18	149.47	146.43	122.29	244.56	332.50	196.61	220.81	425.35	250.13	131.58	146.08	126.07	138.33	128.21	111.73	104.31	95.99	98.92	88.92	88.59		
Avg	25.47	26.41	28.12	33.54	32.94	34.32	32.58	37.34	39.13	35.32	31.30	36.07	30.52	25.82	29.26	29.16	29.87	27.94	27.04	25.93	24.95	24.69	25.88	25.55		
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
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