

**Pacific Custom Materials**  
**Kiln 3 - Report for Month of November 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	5.68	16.82	5.22	0.55	1.42	3.46	0.42	0.25	0.11	0.82	0.88	0.17	0.91 E												16.82	2.98	
2		77.84	9.90	0.00	0.03	0.18	0.00	0.39	6.16	0.00	1.77	0.88	0.07	0.08	0.33	0.96	4.59	0.50	0.00	0.00	0.27	1.67	0.61	0.20	77.84	4.63	
3	0.44	0.26	0.08	0.00	0.00	0.08	3.18	2.00	0.92	0.62	1.00	0.38	0.73	2.61	0.96	1.41	0.19	0.17	0.00	0.00	0.19	0.11	0.55	4.08	4.08	0.83	
4	0.42	0.11	1.19	3.05	0.44	0.45	0.00	0.00	0.18	2.10	7.92	0.52	4.89	7.48	9.86	0.69	0.31	0.16	0.21	0.28	7.07	3.91	3.59	0.28	9.86	2.30	
5	0.08	0.00	0.61	0.06	17.82	15.49	0.00	3.03	7.76	1.73	0.52	1.49	0.00	1.71	2.76	0.00	0.05	0.11	0.00	1.08	21.05	2.86	0.46	0.12	21.05	3.28	
6	0.21	4.25	0.08	0.05	0.91	0.81	0.00	0.09	0.00	2.23	16.16	16.48	16.14	0.52	2.15	4.16	3.20	8.82	57.62	17.05	1.03	0.81	3.04	13.46	57.62	7.05	
7	9.74	5.28	5.46	3.14	2.60	0.57	1.03	0.76	6.29	43.88	0.83	0.13	1.35	3.41	0.72	4.29	35.90	123.74	427.36	242.45	10.87	2.30	1.87	1.28	427.36	38.97	
8	5.55	0.68	0.43	2.35	0.83	1.08	1.34	8.35	10.71	35.84	77.18	43.17	69.37	2.25	0.27	0.58	6.01	0.06	0.26	6.82	1.32	1.20	1.01	0.49	77.18	11.55	
9	1.21	19.02	7.38	6.73	2.58	1.81	5.39	0.18	0.05	0.05	4.68 W	5.61 W	3.71	28.54	9.41	0.43	0.03	1.21	14.88	13.50	10.09	4.37	0.71	1.71	28.54	5.97	
10	17.17	18.69	9.69	1.27	0.00	0.35	2.47	0.30	12.06	9.77	6.30	4.26	8.35	19.90	23.81	2.86	2.52	9.21	1.60	0.16	0.33	0.77	0.00	1.50	23.81	6.39	
11	4.05	2.93	3.72	3.57	1.31	4.14	0.98	1.41	5.36	3.08	4.47	11.27	6.49	1.46	1.19	0.35	2.68	4.75	2.95	6.41	0.68	0.49	7.33	9.77	11.27	3.79	
12	0.37	0.04	0.49	1.80	1.62	3.57	2.11	2.68	0.16	0.87	2.17	3.03	2.69	15.47	3.28	0.51	1.48	2.93	6.75	2.93	5.67	1.40	0.01	0.00	15.47	2.58	
13	3.12	2.60	1.35	0.03	2.02	6.13	4.73	3.23	4.92	0.27	11.71	0.12	0.21	0.35	0.03	6.01	0.28	0.02	0.20	10.17	0.53	0.59	6.92	6.60	11.71	3.01	
14	1.93	13.92	2.07	0.51	0.00	0.00	0.00	0.63	2.26	2.19	0.19	0.41	3.21	0.17	2.54	104.16	526.69	12.03	0.10	0.02	2.82	4.81	0.00	0.48	526.69	28.38	
15	18.81	28.25	0.48	0.76	0.04	3.49	7.13	0.38	0.01	3.26	1.74	0.00	1.76	4.23	0.12	0.85	0.08	3.09	0.48	0.52	0.08	2.45	0.72	2.21	28.25	3.37	
16	3.88	5.72	4.66	1.35	12.47	6.11	0.16	0.60	0.48	0.00	4.31	8.05	0.05	0.14	0.88	2.85	4.72	0.60	4.81	0.73	4.36	1.83	3.80	3.71	12.47	3.18	
17	1.91	0.19	0.00	0.00	2.22	6.56	0.15	0.25	1.87	15.45	19.31	11.69	7.21	25.56	106.10	207.41	54.56	5.62	0.86	1.04	2.52	4.67	1.74	0.39	207.41	19.89	
18	1.59	2.07	1.87	0.69	0.02	0.02	2.27	1.71	2.92	1.25	0.33	6.31	0.79	0.77	1.59	0.45	26.82	27.60	1.12	7.07	0.00	0.09	9.27	0.60	27.60	4.05	
19	2.20	9.50	9.87	0.78	0.84	1.22	0.06	3.92	75.25	535.90	1051.19	1409.02	1535.07	728.82	136.09	1.55	0.14	4.81	72.05	44.13	40.08	48.21	31.52	12.89	1535.07	239.80	
20	0.55	22.98	9.92	8.17	4.04	29.57	65.79	70.80	226.74	401.69	187.08	0.03	12.50	21.66	1.10	4.07	1.23	9.15	51.04	187.18	561.97	208.48	303.92	398.00	561.97	116.15	
21	143.18	79.72	176.43	114.34	165.15	62.04	36.02	374.36	444.40	831.69	813.10	669.24	659.85	178.82	254.64	539.06	1309.18	1193.24	1004.95	345.37	35.05	34.01	38.80	55.71	1309.18	398.26	
22	83.31	65.87	30.51	8.85	25.99	18.09	8.64	80.45	63.06	372.27	689.86	613.80	670.95	1231.44	934.77	822.77	1089.71	344.28	5.68	0.41	0.00	0.51	14.61	26.38	1231.44	300.09	
23	19.53	16.94	4.83	65.46	66.22	43.39	34.47	37.60	51.07	6.72	36.17	86.06	0.16	4.76	4.95	25.80	27.48	44.66	50.08	31.04	51.34	80.50	173.23	142.33	173.23	46.03	
24	121.46	36.41	100.88	144.63	42.23	28.71	5.55	10.99	12.54	44.50	0.42	12.01	12.89	70.33	61.02	11.09	37.33	45.02	104.53	74.56	111.42	73.73	104.27	144.25	144.63	58.78	
25	177.24	0.00	0.36	0.25	0.01	0.00	0.00	0.02	0.03	0.00	0.44	0.00	0.00	0.30	0.11	0.00	0.01	0.09	0.01	0.00	0.00	0.01	0.03	0.40	177.24	7.47	
26	0.13	0.34	8.32	5.54	3.52	0.52	1.10	0.02	1.27	2.43	0.38	0.00	1.02	2.89	2.43	0.00	0.00	0.59	0.07	0.07	0.00	0.74	0.34	0.01	8.32	1.32	
27	0.00	0.04	0.00	1.33	0.46	0.88	0.00	0.63	0.01	0.00	0.17	0.38	0.00	0.06	0.00	0.00	0.00	0.41	6.87	1.95	0.01	0.68	0.49	5.34	6.87	0.82	
28	0.81	0.07	1.22	0.92	2.27	0.00	0.09	0.60	0.63	0.24	1.30	0.00	0.00	0.01	0.00	0.00	0.21	0.04	0.39	0.00	0.17	0.15	0.00	0.27	2.27	0.39	
29	0.03	0.00	0.25	0.07	0.34	0.19	0.51	0.04	0.09	0.05	0.07	0.01	0.00	0.05	0.22	1.95	0.02	0.06	0.41	0.38	0.00	0.00	0.00	0.00	1.95	0.20	
30	0.52	2.03	0.75	0.14	0.01	0.00	0.00	0.00	0.03	0.00	0.66	0.47	0.51	1.40	0.17	0.08	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.28	
Max	177.24	79.72	176.43	144.63	165.15	62.04	65.79	374.36	444.40	831.69	1051.19	1409.02	1535.07	1231.44	934.77	822.77	1309.18	1193.24	1004.95	345.37	561.97	208.48	303.92	398.00	1535.07	44.06	
Avg	21.55	14.42	13.27	12.55	11.91	7.96	6.12	20.19	31.24	77.30	98.08	96.83	104.14	81.21	53.85	60.15	108.12	63.55	62.60	34.32	29.96	16.60	24.44	28.71			
Rds	29	30	30	30	30	30	30	30	30	30	30	30	29	29	29	29	29	29	29	29	29	29	29	29	29		

'I' - Invalid  
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'W' - Caution

'U' - User Data  
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1	43.67	33.37	35.54	34.45	29.65	28.94	24.78	29.30	24.33	24.02	23.56	23.91	26.48 E												43.67	29.63
2		112.80	61.81	2.12	20.11	7.65	0.10	7.68	45.91	43.39	52.35	42.42	40.52	41.14	41.38	43.25	36.80	35.66	39.38	42.98	48.26	44.85	38.83	40.02	112.80	38.67
3	40.74	35.05	42.77	38.69	37.19	40.53	30.20	28.74	27.33	33.24	32.28	28.30	29.85	34.77	39.77	40.88	44.31	38.85	26.88	46.00	37.86	32.22	37.73	39.53	46.00	35.99
4	41.09	44.14	36.76	38.50	38.79	40.88	38.62	41.50	46.07	44.67	51.34	54.05	53.30	51.76	50.69	56.43	52.48	59.34	77.37	54.90	54.15	53.35	58.45	57.48	77.37	49.84
5	57.74	62.27	44.60	43.34	48.78	48.71	52.42	58.33	63.42	68.30	63.19	58.76	61.53	63.52	60.78	60.44	60.96	65.81	60.01	60.60	62.64	64.71	65.21	56.61	68.30	58.86
6	54.25	54.11	51.90	53.90	56.48	58.22	55.15	57.69	60.64	49.43	44.53	45.55	46.45	45.87	48.04	52.42	45.93	43.85	37.76	38.71	47.47	47.47	42.49	39.48	60.64	49.07
7	37.22	41.77	44.37	37.00	32.79	36.23	36.57	35.85	41.83	44.51	37.69	26.10	27.33	30.07	30.59	30.27	31.99	30.34	31.45	34.03	31.99	33.22	30.90	32.64	44.51	34.45
8	36.15	35.46	37.13	36.70	35.64	36.91	41.10	37.94	36.64	38.98	32.94	29.21	31.74	34.39	39.52	37.33	41.05	37.05	39.23	38.11	29.14	34.80	31.96	35.35	41.10	36.02
9	33.94	33.78	38.64	39.44	38.34	40.26	40.03	45.03	42.63	46.53	42.33	41.56	40.70	39.45	40.78	39.57	38.86	40.31	40.69	40.72	37.43	41.24	41.52	40.46	46.53	40.18
10	41.60	38.66	42.76	48.02	50.35	47.40	47.68	52.56	54.60	28.96	4.30	2.93	3.69	3.39	2.68	0.57	0.00	52.26	61.38	57.31	56.20	58.58	50.77	43.16	61.38	35.41
11	41.66	43.33	40.66	38.84	37.99	33.41	33.18	35.32	45.96	44.70	42.68	49.40	46.43	42.62	45.23	47.74	40.07	43.58	51.81	42.67	43.81	45.94	45.24	41.60	51.81	42.66
12	39.53	41.87	45.81	43.38	46.20	43.97	46.54	50.78	53.93	58.50	50.68	45.36	45.86	33.97	36.94	40.34	43.83	42.41	48.03	43.33	42.42	47.29	53.41	53.81	58.50	45.76
13	52.28	49.72	51.41	55.88	47.74	44.94	44.72	44.15	50.73	45.80	46.78	39.60	36.15	38.26	35.09	34.18	31.70	31.28	31.64	30.96	33.32	40.13	40.07	41.47	55.88	41.58
14	36.38	33.96	33.84	33.67	35.62	39.19	37.42	40.90	41.19	41.48	36.02	30.91	33.48	30.15	31.62	33.10	34.05	28.47	30.99	35.80	33.90	34.33	38.19	43.14	43.14	35.32
15	36.85	33.86	38.55	48.71	57.14	33.28	32.91	30.10	55.07	40.75	43.04	37.08	38.08	36.44	33.82	36.74	32.72	30.60	29.41	31.06	36.03	33.96	35.29	30.53	57.14	37.17
16	32.53	31.11	28.60	27.41	25.42	28.88	30.10	39.49	36.87	37.37	35.97	31.30	28.05	22.42	18.90	30.93	36.61	28.13	23.58	22.89	18.02	22.51	22.09	26.58	39.49	28.57
17	28.11	29.74	27.72	32.95	31.59	26.78	22.84	21.11	27.14	28.50	22.39	24.51	23.35	30.38	23.53	29.62	25.70	20.12	18.20	18.48	18.38	20.01	19.49	20.02	32.95	24.61
18	21.16	22.20	21.78	24.54	30.57	26.24	31.52	32.03	33.69	39.96	44.63	24.30	34.53	34.63	35.26	36.94	42.40	34.16	30.38	29.23	28.41	26.71	30.19	32.83	44.63	31.18
19	35.84	34.02	36.16	32.10	26.92	30.02	34.25	29.16	38.72	33.12	37.58	25.35	22.37	21.17	25.77	28.90	26.03	20.07	25.27	29.00	27.48	25.10	25.66	22.13	38.72	28.84
20	23.39	27.21	25.24	22.10	23.96	22.49	23.96	26.91	25.51	30.49	33.63	26.00	20.64	24.55	28.17	21.82	19.52	23.01	25.13	23.47	25.60	21.87	23.23	23.05	33.63	24.62
21	22.17	22.13	26.69	18.08	22.00	23.69	25.62	26.70	22.40	26.11	28.08	22.43	20.48	21.30	20.65	19.64	20.57	17.27	18.29	18.58	20.86	21.65	23.27	23.96	28.08	22.19
22	26.62	27.32	21.47	19.62	19.50	19.66	20.83	20.16	17.11	26.27	27.67	24.09	21.71	22.04	25.67	27.84	22.20	17.15	18.07	15.10	18.56	19.28	14.58	16.44	27.84	21.21
23	18.89	21.00	21.25	18.62	17.63	20.29	18.23	18.73	24.41	29.52	23.09	14.38	15.33	132.57	53.85	21.46	22.62	28.09	25.08	25.02	23.76	22.31	27.73	20.51	132.57	27.68
24	23.06	22.43	19.65	21.59	22.69	22.10	18.56	21.87	25.02	17.79	17.89	20.00	29.82	19.78	21.57	21.75	20.49	32.65	31.13	34.40	33.43	30.21	30.36	31.24	34.40	24.56
25	22.71	1.63	0.08	0.14	0.01	1.05	0.50	0.03	0.08	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.06	0.68	0.72	22.71	1.16
26	0.09	0.05	0.01	0.00	0.01	0.93	0.58	0.00	0.35	0.17	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.02	0.70	0.20	0.01	0.20	0.00	0.01	0.93	0.14
27	0.00	0.03	0.31	0.00	0.00	0.00	0.00	0.00	0.42	0.72	0.03	0.00	0.00	0.00	0.00	0.30	0.40	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.72	0.09
28	0.26	0.31	0.12	0.00	0.00	0.15	0.24	0.19	0.01	0.00	0.00	0.00	0.01	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11	0.01	0.31	0.06
29	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.07	0.01	0.11	0.00	0.07	0.19	0.14	0.79	0.01	0.00	0.00	0.02	0.00	0.00	0.03	0.02	0.00	0.79	0.06
30	0.00	0.00	0.00	0.01	0.01	0.03	0.01	0.00	0.18	1.70	0.92	0.00	0.03	0.03	0.05	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.12
Max	57.74	112.80	61.81	55.88	57.14	58.22	55.15	58.33	63.42	68.30	63.19	58.76	61.53	132.57	60.78	60.44	60.96	65.81	77.37	60.60	62.64	64.71	65.21	57.48	132.57	28.19
Avg	29.24	31.11	29.19	26.99	27.77	26.76	26.29	27.74	31.41	30.84	29.19	25.59	25.92	29.48	27.28	27.33	26.61	27.60	28.34	28.05	27.90	28.35	28.53	28.03		
Rds	29	30	30	30	30	30	30	30	30	30	30	30	29	29	29	29	29	29	29	29	29	29	29	29		

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