

**Pacific Custom Materials
Kiln 3 - Report for Month of October 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	1.84	58.76	676.14	470.44	1126.29	1190.38	864.88	469.76	961.23	754.78	512.38	252.52	132.31	76.38	222.94	667.14	1061.56	201.51	32.03	231.38	98.12	109.68	191.63	188.60	1190.38	439.70
2	274.65	80.35	15.64	200.53	78.88	321.88	370.55	163.15	595.27	919.18	983.25	170.72	179.92	201.67	24.75	58.46	85.28	60.20	21.66	7.02	116.83	99.37	301.56	560.00	983.25	245.45
3	569.07	546.07	170.05	431.56	560.00	129.83	1.06	0.19	3.45	9.42	0.85	0.62	0.00	0.29	1.67	2.14	0.04	1.32	0.69	0.10	2.26	2.66	2.00	8.16	569.07	101.81
4	1.23	0.82	0.38	0.96	7.82	7.54	1.26	2.64	0.69	1.07	2.11	2.35	0.31	9.09	75.55	16.70	31.41	6.00	42.18	56.76	23.51	4.84	4.67	43.57	75.55	14.31
5	32.57	45.29	115.88	34.27	0.09	2.26	1.10	0.27	17.96	10.75	3.16	0.26	0.81	6.77	3.08	4.78	0.30	0.44	0.23	0.21	0.80	0.00	0.15	2.07	115.88	11.81
6	0.85	0.98	0.14	0.02	0.16	2.06	4.71	0.09	3.10	17.90	4.49 C	286.04	109.52	94.56	32.20	4.71	0.05	9.51	14.91	7.84	26.68	32.28	4.85	4.12	286.04	27.57
7	0.84	2.29	1.03	0.27	0.13	1.98	6.82	10.60	0.00	0.00	1.57	5.71	1.26	0.01	225.56	27.53	1.38	0.96	0.11	0.50	5.17	0.63	1.73	62.06	225.56	14.92
8	7.04	3.62	49.78	0.61	0.53	3.52	9.37	4.26	0.03	0.04	0.96	2.95	0.22	7.13	98.40	132.79	0.38	4.23	3.03	93.86	272.37	142.02	19.39	3.02	272.37	35.81
9	7.69	14.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.63	14.46	0.96
10	10.96	4.06	0.22	0.00	0.33	0.00	0.09	0.69	0.00	0.26	4.02	0.01	0.10	0.00	1.63	3.76	20.52	10.35	0.31	0.68	0.84 V	11.35	2.69 W	2.13 W	20.52	3.12
11	8.23	1.16	0.20	0.04	0.00 V	0.05 V	3.39 V	4.61	0.77	4.59	3.03	0.25	0.94	0.04	0.39	1.71	8.72	2.88	14.99	5.60	1.23	2.37	4.06	0.06	14.99	2.89
12	1.73	1.42	0.35	5.32	1.00	0.00	0.08	0.22	0.01	2.16	1.09	0.00	2.00	7.33	0.50	0.37	0.01	1.13	14.49	8.15	2.56	0.19	0.00	0.00	14.49	2.09
13	9.16	5.19	0.04	0.00	0.00	0.05	1.18	5.34	0.69	7.19	3.51	0.65	0.66	17.38	10.89	2.27	5.63	21.45	25.43	27.98	19.41	14.75	8.81	13.71	27.98	8.39
14	57.83	11.79	6.67	9.60	19.73	6.26	0.27	1.89	2.50	0.78	5.93	20.71	61.25	5.54	1.61	1.31	8.44	1.87	0.66	0.54	0.00	0.00	0.13	1.95	61.25	9.47
15	0.13	0.98	0.35	0.15	1.72	1.76	0.94	3.89	1.05	0.00	0.00	0.00	0.00	0.00	0.00	8.56	4.09	0.01	0.06	3.10	0.50	0.00	0.63	4.24	8.56	1.34
16	0.00	0.22	0.83	0.00	0.00	0.01	0.31	0.51	39.63	113.24	214.13	189.20	440.52	600.97	641.23	553.32	494.38	291.97	5.60	0.70	9.35	29.37	0.39	10.94	641.23	151.53
17	0.07	0.14	1.50	0.40	29.17	10.36	22.38	39.76	66.75	205.90	339.11	852.94	1322.76	1318.06	1076.88	1424.64	1488.21	1323.42	1278.25	1229.23	589.11	92.03	21.47	22.32	1488.21	531.45
18	14.72	7.66	7.09	9.04	12.55	13.04	6.05	2.55	2.57	90.78	378.12	363.72	469.13	629.26	918.80	1020.16	871.96	745.47	920.32	721.83	13.90	1.78	2.80	9.80	1020.16	301.38
19	0.01	0.88	2.28	0.40	0.00	1.62	8.93	4.61	1.19	0.27	0.27	2.89	0.26	7.37	0.44	0.00	1.25	3.40	1.85	0.00	0.54	0.44	0.05	0.04	8.93	1.63
20	0.00	0.00	0.50	0.09	1.09	0.47	0.10	0.06	0.53	1.07	0.00	0.92	2.13	11.58	1.49	0.68	1.21	3.63	1.96	12.54	7.93	0.02	0.21	2.11	12.54	2.10
21	1.23	0.09	0.10	2.14	3.71	0.48	7.19	11.05	4.54	0.04	1.31	12.44	1.48	0.01	0.03	0.56	81.62	240.75	301.26	448.74	257.50	97.67	18.74	2.44	448.74	62.30
22	1.53	0.12	0.29	0.91	0.64	0.10	0.08	0.00	0.10	0.29	0.33	0.36	5.72	1.95	1.74	23.22	1.18	0.06	0.03	0.00	0.02	0.65	1.96	0.01	23.22	1.72
23	0.41	0.25	0.59	1.51	0.00	0.40	0.07	0.45	0.00	0.00	36.43	19.36	1.86	3.00	3.42	47.00	25.71	0.00	3.60	0.13	0.28	1.86	1.88	0.31	47.00	6.19
24	0.17	0.00	0.00	0.32	41.73	0.01	0.00	16.08	0.77	0.00	0.29	2.34	0.85	13.70	40.13	1.51	1.92	1.42	0.00	0.95	1.29	0.00	0.29	0.94	41.73	5.20
25	4.91	0.48	0.13	0.19	0.35	0.95	0.23	0.00	0.00	0.00	0.00	3.23	5.67	1.66	2.32	0.91	7.46	2.62	11.13	7.93	0.00	0.06	1.52	2.10	11.13	2.24
26	1.66	0.45	0.27	0.06	0.24	0.00	0.00	0.05	0.24	0.06	0.00	0.18	18.80	4.73	0.11	2.30	1.70	1.56	0.01	0.00	0.89	0.74	0.00	0.78	18.80	1.45
27	2.04	0.00	0.13	0.01	0.11	0.17	0.68	0.84	0.24	1.49	2.27	0.81	0.00	1.54	21.48	20.64	32.72	49.29	20.12	58.79	0.25	0.47	1.45	0.50	58.79	9.00
28	0.20	0.00	0.03	0.72	0.88	0.02	0.11	0.00	0.17	0.34	18.54	8.56	12.27	2.62	1.49	73.38	34.88	0.00	0.00	0.03	22.68	17.52	22.74	58.68	73.38	11.49
29	0.29	0.78	0.00	0.00	1.36	1.38	1.39	0.24	2.67	118.36	2.82	1.87	18.49	18.89	169.42	835.14	416.70	471.59	39.18	43.77	2.26	2.12	3.63	0.88	835.14	89.72
30	3.11	29.61	102.86	62.48	1.69	2.26	5.08	5.61	28.67	40.26	24.30	197.33	163.75	330.71	131.22	288.64	102.87	120.54	54.00	11.18	165.46	54.52	48.46	80.63	330.71	85.64
31	33.72	13.66	34.78	3.83	0.15	7.23	3.95	0.11	1.07	12.90	8.32	0.19	0.18	0.00	0.00	1.21	2.51	0.77	0.00	0.92	14.03	0.91	0.80	0.16	34.78	5.89
Max	569.07	546.07	676.14	470.44	1126.29	1190.38	864.88	469.76	961.23	919.18	983.25	852.94	1322.76	1318.06	1076.88	1424.64	1488.21	1323.42	1278.25	1229.23	589.11	142.02	301.56	560.00	1488.21	70.60
Avg	33.80	26.83	38.33	39.87	60.98	55.03	42.65	24.18	56.00	74.62	82.34	77.39	95.26	108.78	119.66	168.57	154.65	115.43	90.58	96.14	53.41	23.24	21.58	35.06		

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1	42.05	18.79	0.03	0.00	0.01	0.25	0.13	0.21	1.35	0.54	5.05	4.87	0.87	0.07	0.02	3.09	4.93	1.81	0.65	0.53	0.58	0.01	0.00	0.03	42.05	3.58
2	0.19	0.29	0.05	0.31	48.15	40.57	39.33	36.95	39.71	48.24	52.40	49.50	44.09	39.59	37.61	35.37	35.75	38.85	41.89	43.24	40.24	65.66	76.95	73.02	76.95	38.67
3	44.41	99.82	62.34	36.43	37.95	57.12	58.26	47.01	41.89	39.66	36.33	40.84	37.79	37.44	40.12	43.01	43.92	35.43	30.63	34.69	32.88	36.18	36.17	36.97	99.82	43.64
4	28.69	29.39	30.28	34.16	32.06	27.86	32.52	35.50	27.05	22.16	26.66	30.41	27.48	26.44	26.28	24.74	22.69	27.92	26.46	28.49	29.30	26.69	28.51	21.31	35.50	28.04
5	19.25	20.73	27.73	31.66	32.54	32.34	33.29	32.80	32.04	35.20	38.98	39.12	42.35	39.05	37.59	38.94	41.69	45.41	43.22	31.01	31.47	26.21	22.57	23.41	45.41	33.28
6	49.12	60.91	45.04	41.56	43.48	40.51	35.18	35.06	37.50	39.41	42.77	149.45	1.78	0.00	41.74	62.67	49.43	56.18	46.04	41.67	41.16	46.41	47.85	49.68	149.45	46.03
7	46.21	48.42	47.25	54.90	58.31	51.14	48.49	61.71	42.54	52.59	67.39	54.80	40.36	38.53	36.59	45.02	54.99	51.71	44.72	37.26	26.38	28.02	27.48	20.00	67.39	45.20
8	30.83	31.12	28.92	28.85	28.01	30.02	33.73	47.44	48.94	51.35	54.83	55.63	53.45	40.52	44.64	52.31	59.89	54.28	54.86	54.38	54.71	48.64	50.20	45.60	59.89	45.13
9	38.88	34.08	33.44	23.88	27.04	38.27	41.19	32.92	28.31	40.07	47.41	44.45	36.71	39.51	38.67	33.62	38.39	27.95	58.48	51.10	41.94	35.54	28.47	29.45	58.48	37.07
10	24.62	26.29	28.05	27.48	28.73	54.68	47.34	32.66	31.03	35.08	35.04	37.73	36.19	33.21	35.25	30.49	38.16	44.73	37.31	34.51	35.73	38.51	36.90	39.05	54.68	35.36
11	37.27	30.52	30.63	33.19	31.42	31.93	32.17	37.92	40.42	42.54	44.55	41.31	36.06	40.47	47.20	42.62	61.57	68.13	74.75	62.34	51.85	64.20	66.89	50.57	74.75	45.86
12	49.03	46.08	43.68	48.17	49.41	43.39	44.28	45.32	43.38	48.27	52.86	50.06	45.05	42.04	37.62	35.42	32.17	27.88	29.93	30.94	28.49	25.22	24.29	26.98	52.86	39.58
13	32.39	29.62	29.80	31.05	38.64	38.21	35.15	30.49	37.52	34.42	38.01	41.54	47.13	44.99	40.34	43.26	79.84	87.34	90.77	84.10	78.89	79.73	84.24	86.94	90.77	52.68
14	85.65	86.81	79.44	74.40	81.99	88.57	97.01	95.70	74.64	67.94	63.38	68.45	68.81	60.69	51.58	54.00	68.34	74.89	71.59	47.08	28.32	31.13	33.41	26.82	97.01	65.86
15	42.36	36.97	36.29	35.23	34.74	37.42	35.86	37.78	11.53	8.77	12.85	6.65	1.52	0.20	0.21	2.77	2.09	2.42	2.00	0.02	0.00	0.00	0.46	0.00	42.36	14.51
16	0.12	5.35	9.69	44.02	32.12	33.33	34.13	31.48	30.72	27.55	30.67	31.78	23.25	17.48	24.13	24.72	38.36	34.23	31.94	35.93	23.14	31.65	32.57	27.52	44.02	27.33
17	30.95	30.15	27.86	22.99	23.61	19.55	23.24	22.76	17.96	31.39	29.58	19.47	18.29	22.43	22.47	20.95	19.21	18.07	17.63	16.76	21.96	25.86	25.21	31.38	31.39	23.32
18	26.34	24.44	22.48	24.37	24.01	23.33	23.48	20.73	26.29	26.34	32.72	31.11	17.52	22.34	23.27	20.82	21.94	20.09	23.63	18.28	23.62	23.32	27.84	26.01	32.72	23.93
19	25.04	22.85	23.42	25.42	28.17	33.51	30.31	34.31	30.15	24.19	31.52	35.77	36.16	31.38	36.61	38.03	39.75	39.93	32.47	29.02	34.87	34.01	38.36	38.05	39.93	32.22
20	42.14	38.02	34.93	35.15	36.63	38.34	35.02	38.06	41.71	41.50	40.46	45.25	47.20	41.16	43.77	43.50	46.20	40.42	42.83	34.27	35.83	35.16	34.61	31.92	47.20	39.34
21	31.30	36.82	33.15	32.11	36.29	35.75	41.56	44.88	40.53	45.18	46.11	46.35	41.16	38.24	36.19	39.63	38.63	40.36	34.70	26.20	20.35	21.26	25.39	27.96	46.35	35.84
22	24.41	30.31	25.78	23.74	21.53	23.52	25.71	25.25	28.54	32.88	36.51	34.55	27.03	18.58	14.02	27.76	37.37	36.28	36.55	28.19	18.56	17.39	17.22	18.95	37.37	26.28
23	17.21	24.85	25.72	23.30	25.75	25.16	24.35	27.82	23.81	29.67	39.62	37.88	33.53	27.32	25.60	15.16	24.89	23.94	19.59	10.79	19.27	23.27	28.67	28.48	39.62	25.24
24	30.76	24.40	20.88	19.39	20.72	26.98	23.56	27.76	25.66	29.38	32.75	36.49	31.48	24.18	31.36	63.04	54.93	46.12	43.51	34.85	26.50	26.79	28.75	25.71	63.04	31.50
25	26.36	28.73	22.30	26.24	26.06	29.46	27.90	27.11	26.74	25.73	34.26	41.03	38.63	33.63	42.96	43.70	52.12	59.42	57.98	43.16	37.73	40.53	43.09	46.45	59.42	36.72
26	48.37	34.86	37.76	39.61	38.26	35.61	36.67	39.59	36.68	39.77	47.65	38.22	18.36	21.24	26.64	27.93	31.37	32.65	31.16	29.43	43.90	28.13	30.21	28.07	48.37	34.26
27	26.02	21.38	23.72	28.31	25.25	22.17	20.41	24.45	24.51	29.96	33.85	32.89	19.01	21.84	26.13	24.47	21.00	19.38	21.13	23.89	25.82	27.83	18.29	23.86	33.85	24.40
28	29.63	25.76	25.36	27.67	24.44	25.66	25.90	24.55	30.49	38.14	37.35	31.81	23.55	25.67	27.19	30.08	27.81	11.69	7.76	17.25	36.35	34.04	40.09	30.30	40.09	27.44
29	22.22	27.63	29.86	27.26	28.56	25.33	27.27	27.14	29.48	34.07	33.80	31.08	26.66	26.91	18.61	20.38	17.88	11.86	15.02	21.91	22.69	21.65	21.23	27.35	34.07	24.83
30	31.22	26.00	28.61	23.43	23.18	24.22	22.89	22.02	27.69	29.25	20.64	19.72	27.78	25.24	28.36	27.60	28.35	22.94	18.76	22.66	37.37	34.31	33.09	30.68	37.37	26.50
31	28.93	37.33	43.95	34.14	28.70	30.23	37.08	38.11	34.18	31.27	34.88	28.45	28.04	29.72	27.10	35.14	31.08	30.82	32.15	28.76	32.52	35.52	31.20	34.29	43.95	32.65
Max	85.65	99.82	79.44	74.40	81.99	88.57	97.01	95.70	74.64	67.94	67.39	149.45	68.81	60.69	51.58	63.04	79.84	87.34	90.77	84.10	78.89	79.73	84.24	86.94	149.45	33.75
Avg	32.64	33.51	30.92	30.92	32.77	34.34	34.63	35.02	32.68	34.92	38.09	40.54	31.52	29.36	31.29	33.88	37.57	36.55	36.13	32.35	31.69	32.67	33.56	32.48		

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