

**Pacific Custom Materials
Kiln 3 - Report for Month of August 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	1490.20	497.26	367.57	203.48	151.71	105.69	108.94	79.43	53.20	76.75	84.83	70.75	83.05	103.03	104.18	122.55	279.63	821.95	1321.22	1554.62	1200.42	570.76	898.38	188.56	1554.62	439.09	
2	296.11	1342.24	1693.91	437.37	655.36	442.29	907.87	971.35	328.18	322.01	249.91	689.76	428.71	1206.93	1625.39	1176.23	1259.78	1432.46	1334.96	1168.24	1408.19	1339.20	664.64	303.80	1693.91	903.54	
3	1242.11	1054.25	568.45	683.76	927.13	1422.19	1188.87	1462.48	1580.38	1207.06	639.53	972.95	1599.59	1317.14	1302.38	798.19	583.42	1402.22	1418.44	1441.06	1341.01	1051.58	940.76	566.25	1599.59	1112.97	
4	986.55	430.64	837.85	393.94	436.96	869.15	886.17	679.11	1138.53	1080.81	1158.33	931.84	1367.70	1452.65	1652.81	1427.55	1446.71	1502.77	991.44	424.15	1219.09	1059.07	858.13	510.43	1652.81	989.27	
5	382.86	428.12	596.88	875.00	459.15	277.95	309.14	448.20	1013.81	1208.53	887.09	1425.88	1133.91	426.88	556.29	496.93	253.45	304.43	286.16	341.21	369.18	136.84	334.69	227.85	1425.88	549.19	
6	356.27	298.04	493.11	448.38	597.91	468.08	417.36	585.65	872.86	771.21	1033.90	385.67	941.33	222.79	194.55	233.68	297.03	475.79	482.22	568.57	333.97	308.47	416.13	261.13	1033.90	477.67	
7	268.66	421.96	671.03	1288.15	1263.03	868.31	808.93	1032.55	1053.17	1412.55	1198.76	934.13	1136.29	933.65	1573.51	1602.33	1535.93	473.35	405.33	565.56	695.44	365.65	557.22	258.17	1602.33	888.49	
8	259.23	406.48	514.79	974.48	891.63	880.99	1009.51	1081.95	1363.17	1092.91	1528.22	465.10	1301.06	1211.50	1574.51	1809.65	1478.04	478.81	125.53	94.69	115.05	364.03	391.60	481.28	1809.65	828.93	
9	326.40	83.86	111.70	123.10	112.19	97.11	84.48	87.25	109.43	169.75	305.86	209.07	370.45	400.94	425.66	815.86	530.66	162.60	303.66	505.16	113.98	65.72	69.53	96.84	815.86	236.72	
10	158.52	142.97	232.21	273.55	198.61	129.88	101.12	125.97	294.34	512.71	1323.40	1567.04	941.77	512.13	497.88	381.76	687.40	1081.83	1060.16	956.18	804.65	308.09	440.34	478.57	1567.04	550.46	
11	355.17	314.59	290.37	137.58	173.66	200.10	141.74	157.11	241.98	1033.60	1382.01	1464.03	1492.34	1621.76	1426.74	1395.84	1545.67	981.17	403.64	487.69	569.07	548.63	224.00	168.31	1621.76	698.20	
12	186.76	259.49	129.63	149.45	184.20	179.41	170.34	96.95	262.01	562.97	1311.40	530.84	433.01	184.48	194.53	232.60	444.46	604.07	1132.63	1433.34	811.18	417.89	455.62	410.14	1433.34	449.06	
13	413.81	452.89	418.17	459.04	163.02	429.99	296.46	373.75	347.38	1171.17	1207.44	1369.51	1606.32	1580.00	1471.90	1040.09	1509.43	1582.46	1189.66	79.61	37.87	53.16	29.42	26.28	1606.32	721.20	
14	42.47	45.41	45.96	44.85	58.56	50.60	33.15	33.78	44.11	56.23	50.64	29.36	19.45	43.18	40.24	24.62	26.65	33.24	35.03	37.13	39.35	26.64	46.85	44.74	58.56	39.68	
15	25.57	31.75	59.69	44.47	60.63	164.49	146.82	79.55	77.79	71.67	108.61	116.84	163.89	169.44	74.52	176.60	116.79	729.73	1524.37	1289.31	965.59	1293.62	1447.55	1534.37	1534.37	436.40	
16	1376.19	1200.74	866.04	195.76	106.22	145.55	74.97	123.16	280.87	97.22	76.80	94.47	144.81	156.76	130.68	204.85	401.19	496.53	395.65	386.28	453.25	525.94	622.17	564.87	1376.19	380.04	
17	458.12	292.18	195.91	239.60	161.08	99.63	131.83	122.81	159.56	277.34	188.67	77.12	62.26	78.76	97.75	161.93	118.88	99.12	56.31	39.81	86.50	108.47	244.83	139.05	458.12	154.06	
18	114.49	148.80	96.10	100.43	107.32	116.17	138.48	218.07	371.47	196.34	125.87	92.67	112.77	134.31	106.09	146.07	257.17	120.82	77.87	143.05	191.48	392.56	583.76	945.00	945.00	209.88	
19	1089.12	782.69	535.53	492.22	389.89	358.06	193.78	217.70	336.18	188.31	160.70	112.04	148.15	150.02	245.59	128.76	79.60	75.33	84.81	60.87	69.85	93.79	84.58	82.88	1089.12	256.69	
20	79.31	83.68	78.41	59.45	125.24	162.92	143.63	120.17	139.83	137.41	77.60	46.23	75.57	148.83	167.22	207.85	151.98	95.34	105.47	88.71	80.83	52.46	76.68	97.26	207.85	108.42	
21	86.14	75.66	99.77	93.38	81.14	127.62	92.26	82.90	58.76	146.11	529.32	765.30	788.76	1553.35	1173.24	906.55	206.42	163.14	147.93	503.24	522.92	128.76	169.88	155.29	1553.35	360.74	
22	122.64	663.94	362.53	88.54	60.56	81.41	87.92	88.53	97.43	99.75	90.90	75.69	66.55	130.03	193.98	578.41	327.44	119.01	94.79	74.06	53.42	59.63	81.91	109.99	663.94	158.71	
23	97.53	76.14	108.15	82.40	46.13	60.66	142.91	130.89	303.32	691.75	1401.62	1406.96	1153.53	1229.18	1271.98	1075.34	791.12	595.78	302.91	68.22	95.14	93.84	80.87	47.01	1406.96	473.06	
24	61.83	96.52	117.18	83.43	64.16	101.60	108.90	87.99	65.05	126.97	163.07	112.14	78.82	215.04	384.88	586.20	776.66	813.76	703.93	435.23	157.08	106.00	90.60	89.42	813.76	234.43	
25	81.18	76.63	72.59	86.66	55.40	58.57	105.73	79.08	120.81	183.74	379.21	407.18	1094.75	1347.49	276.66	206.68	201.48	182.35	199.49	142.46	101.17	107.58	98.11	78.46	1347.49	239.31	
26	54.94	53.24	74.36	82.70	81.63	64.31	56.24	68.93	68.61	94.71	117.76	127.90	120.12	96.13	93.32	86.32	123.03	103.74	107.44	93.60	53.11	70.78	87.95	68.55	127.90	85.39	
27	82.15	116.25	91.45	67.00	69.78	81.88	66.62	50.79	95.02	103.41	101.32	80.42	84.70	78.21	95.64	153.00	152.47	78.87	79.32	89.08	86.18	74.32	58.97	55.26	153.00	87.17	
28	83.50	74.97	79.64	98.93	75.62	56.23	87.86	92.70	99.29	89.22	77.68	116.08	104.26	103.81	98.31	81.36	85.91	87.93	75.35	87.67	83.64	73.74	63.60	71.19	116.08	85.35	
29	89.64	89.53	97.63	95.53	99.67	98.86	85.03	75.40	80.00	94.91	143.43	100.05	70.06	83.45	138.52	129.43	94.80	66.00	56.06	98.96	78.92	67.59	83.14	89.03	143.43	91.90	
30	114.26	197.42	165.60	139.59	150.73	227.64	189.82	139.53	328.66	300.35	92.48	59.83	90.38	70.33	476.66	1044.32	681.28	436.68	177.19	61.71	176.38	118.36	67.21	170.58	1044.32	236.54	
31	107.05	132.69	159.35	161.45	181.70	229.35	130.37	95.80	225.46	378.09	423.60	323.47	249.63	350.32	276.14	195.04	143.03	62.58	48.45	71.23	91.76	131.11	193.81	92.57	423.60	185.58	
Max	1490.20	1342.24	1693.91	1288.15	1263.03	1422.19	1188.87	1462.48	1580.38	1412.55	1528.22	1567.04	1606.32	1621.76	1652.81	1809.65	1545.67	1582.46	1524.37	1554.62	1408.19	1339.20	1447.55	1534.37	1809.65	408.65	
Avg	351.25	334.55	330.05	280.76	264.19	279.25	272.49	293.21	374.54	450.18	536.13	489.04	563.35	558.47	578.77	568.60	535.08	505.29	475.08	431.96	400.18	326.27	337.51	271.39			
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	31		

'I' - Invalid
'M' - Maintenance
'W' - Caution

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1	0.00	0.00	0.00	0.76	4.13	1.76	0.01	0.32	5.89 V	6.00 C	9.97 C	12.52 C	11.31 C	9.50 C	9.51 C	4.75 C	0.61 C	1.46 C	2.52 C	0.36 C	0.00 C	0.04 C	0.13 O	0.01 O	5.89	1.43	
2	0.00 C	0.07 C	0.33 C	1.57 C	0.13 C	0.00 C	0.00 C	0.00 C	0.92 C	1.24 M	0.19 C	30.63 V	24.54	19.06	14.58	15.54	17.78	15.14	14.65	10.00	3.11	1.58	12.57	14.83	30.63	14.92	
3	16.18	16.23	11.23	3.84	7.71	13.71	9.49	12.24	9.95 V	0.00 V	0.00 V	15.45 V	28.23	26.71	28.78	19.81	15.18	17.59	18.25	19.63	22.34	37.31	52.06	32.45	52.06	18.89	
4	12.96	22.93	30.03	26.73	17.54	15.11	9.54	19.27	26.44 M	22.85 V	28.29	34.37	10.99	18.12	24.38	63.99	32.55	40.39	23.48	23.22	44.15	66.15	51.31	52.52	66.15	30.04	
5	30.16	20.08	27.64	26.14	19.16	19.81	17.56	11.25	11.72 C	13.38 V	25.58 W	16.62	13.53	16.45	17.32	42.84	41.93	28.86	5.72	0.21	0.00	0.26	4.89	9.66	42.84	17.78	
6	19.21	18.04	11.86	7.34	14.59	18.66	20.79	22.54	14.08 C	56.93 C	43.67 V	66.72 V	307.31	264.10	28.14	16.93	21.82	9.63	7.71	34.21	9.53	43.03	14.00	0.00	307.31	45.45	
7	0.04	0.30	26.44	24.71	0.09	0.08	0.00	0.18	0.00	2.87	35.27	12.68	6.71	15.41	23.89	77.14	0.06	11.03	37.11	36.68	68.12	234.43	125.85	145.44	234.43	36.86	
8	130.15	55.87	84.20	32.45	30.78	13.12	5.43	0.38	0.99	8.40	5.00	48.51	27.93	5.26	5.27	16.44	9.06	0.64	0.00	0.00	0.16	0.00	2.23	3.40	130.15	20.24	
9	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.04
10	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	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.84	36.23	30.30	26.12	32.04	32.29	18.04	10.54	4.79	5.67	7.46	12.13	17.77	36.23	10.22	
12	18.32	14.75	11.90	11.13	17.62	20.65	51.61	23.33	30.73	38.09	35.87	26.08	26.49	24.97	58.40	79.10	92.49	37.91	21.95	13.37	18.26	41.10	51.83	18.82	92.49	32.70	
13	17.30	20.41	24.96	27.33	28.76	24.29	27.61	42.70	35.55	80.98	48.63	73.90	173.54	163.02	292.33	228.39	237.66	141.67	170.55	73.25	201.12	70.68	30.71	22.52	292.33	94.08	
14	46.21	23.33	19.07	49.55	23.71	26.87	10.65	15.36	9.07	15.73	69.04	135.07	190.04	192.32	235.30	327.87	304.50	178.85	167.06	297.96	274.94	88.24	35.43	285.25	327.87	125.89	
15	296.41	145.42	188.68	147.16	99.42	415.78	102.67	97.48	87.37	43.25	38.79	28.03	23.62	24.63	26.10	27.09	26.28	56.23	201.76	38.54	20.40	18.51	19.33	18.84	415.78	91.33	
16	22.53	26.55	28.12	26.88	20.62	21.52	22.72	29.24	29.44	27.67	25.56	21.20	29.33	39.46	44.64	38.32	37.22	31.18	27.05	19.57	25.67	28.26	33.73	33.86	44.64	28.76	
17	28.73	29.31	30.54	32.71	30.93	29.05	32.23	30.76	27.99	86.28	270.26	253.46	218.64	473.26	139.64	67.32	76.27	99.74	50.67	62.40	29.69	52.21	160.24	126.43	473.26	101.62	
18	63.28	60.06	43.27	23.50	25.41	19.83	15.11	40.58	66.54	90.69	174.20	212.97	397.55	81.54	175.36	299.07	310.93	405.24	152.82	111.53	34.71	42.38	61.50	72.16	405.24	124.18	
19	72.37	65.18	70.28	42.66	45.39	33.80	28.13	26.05	41.33	62.64	47.79	32.09	55.71	62.40	68.09	58.65	35.17	54.33	58.75	29.75	46.44	61.42	80.24	59.40	80.24	51.59	
20	66.61	43.31	43.65	31.75	38.16	31.61	31.18	43.69	28.66	30.59	34.79	33.55	37.50	30.66	26.76	26.86	28.73	34.28	44.38	42.72	45.10	54.88	48.92	24.16	66.61	37.60	
21	24.32	33.64	22.13	27.09	19.15	19.26	25.59	32.88	36.37	38.45	94.20	198.18	257.86	355.55	434.22	497.59	514.51	617.40	410.09	309.71	254.66	30.17	159.48	138.62	617.40	189.63	
22	334.19	88.98	35.75	34.85	28.02	32.11	29.66	30.62	33.29	47.60	48.82	43.70	36.69	32.76	33.81	34.91	27.81	29.24	35.27	21.80	24.54	26.59	28.33	35.44	334.19	48.12	
23	31.04	27.63	56.99	28.24	29.34	28.48	68.83	37.28	101.07	53.23	132.21	204.24	262.49	528.41	685.40	831.97	610.87	261.85	286.18	650.89	149.06	88.93	56.93	29.10	831.97	218.36	
24	31.70	45.65	27.85	46.50	36.34	34.01	30.53	22.52	26.34	45.24	41.49	39.53	144.40	145.85	64.82	56.33	47.97	43.34	32.26	25.75	22.17	25.14	23.49	21.12	145.85	45.01	
25	22.10	21.81	25.74	26.47	35.73	27.33	31.00	36.78	36.13	45.07	56.16	42.55	34.30	34.23	41.20	25.52	25.48	31.86	34.69	29.97	27.46	36.22	36.55	34.83	56.16	33.30	
26	27.50	26.79	33.71	30.72	30.35	24.44	28.27	26.03	34.17	44.02	48.85	40.80	35.98	30.89	38.24	40.61	35.76	36.76	44.91	40.28	26.15	20.67	28.14	37.47	48.85	33.81	
27	33.08	35.22	29.54	27.57	31.87	26.50	23.91	24.44	29.21	38.72	34.85	41.34	38.53	28.36	23.45	32.32	37.03	35.19	20.32	12.68	23.32	34.26	35.61	28.40	41.34	30.24	
28	34.99	41.42	38.54	43.27	44.92	38.63	32.67	33.21	36.64	47.33	21.36	20.34	82.92	50.85	26.12	38.40	50.78	50.82	37.21	28.32	23.44	58.60	43.75	34.21	82.92	39.95	
29	33.65	49.42	46.46	44.43	47.21	38.63	30.07	29.54	38.25	54.87	54.74	65.31	53.96	32.07	39.26	49.19	33.71	21.92	29.70	30.14	31.05	30.32	29.84	30.38	65.31	39.34	
30	40.21	44.60	37.06	36.58	34.64	33.28	26.05	22.84	28.73	35.70	34.82	31.03	37.33	43.48	22.65	19.96	15.96	21.30	20.75	20.47	21.57	25.12	24.48	24.39	44.60	29.29	
31	28.54	96.03	78.23	91.28	68.24	50.15	31.67	23.72	27.49	35.15	43.18	30.30	28.04	23.27	0.00	0.00	0.02	17.81	64.12	48.97	15.83	0.00	0.00	0.04	96.03	33.42	
Max	334.19	145.42	188.68	147.16	99.42	415.78	102.67	97.48	101.07	90.69	270.26	253.46	397.55	528.41	685.40	831.97	610.87	617.40	410.09	650.89	274.94	234.43	160.24	285.25	831.97	52.39	
Avg	49.42	35.77	36.13	31.72	27.66	35.28	24.77	24.51	29.67	36.03	53.34	60.35	87.35	93.12	88.14	102.14	90.66	78.27	67.60	67.89	48.95	40.80	42.12	45.05			
Rds	30	30	30	30	30	30	30	30	27	28	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30		

'I' - Invalid
'M' - Maintenance
'W' - Caution

'U' - User Data
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