

**Pacific Custom Materials**  
**Kiln 3 - Report for Month of June 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	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	296.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	296.81	12.37
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	64.90	178.36 N	0.01 M	0.04 M	0.12 M	0.17 C	0.27 V	0.35 V	0.38 M	0.39 M	0.39 M	64.90	4.64	
3	0.40 N	0.42 N	0.45 N	0.45 N	0.46 N	0.47 N	0.47 N	0.35 N	0.23	0.13	0.05	0.04	0.05	0.03	0.00	0.00	0.01	0.01	0.11	0.20	0.27	0.32	0.29	0.23	0.32	0.12	
4	0.16	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	43.69	112.17	202.71	246.91	413.19	0.00	0.00	0.00	413.19	42.45	
5	0.00	0.00	0.00	0.00	0.15	0.16	2.24	19.96	6.20	0.08	3.00	5.87	0.30	6.08	29.99	332.75	405.89	1122.03	1545.60	1331.34	712.51	474.42	559.65	743.64	1545.60	304.24	
6	584.56	429.52	82.75	416.47	754.30	1125.84	1225.68	1199.39	616.64	31.86	29.93	81.81	37.74	345.54	523.88	612.14	747.22	839.07	696.54	1011.35	1090.83	761.03	778.53	918.15	1225.68	622.53	
7	759.12	735.70	820.24	536.37	569.59	170.82	170.43	485.82	265.88	174.60	0.00	0.00	0.00	0.00	0.00	0.00	25.46 V	9.93 V	4.74 V	2.02 V	0.85 V	4.72 V	5.24 W	4.84 W	820.24	197.77	
8	3.99 V	0.93 V	5.16 V	6.86 V	5.86 V	12.41 V	15.21 V	17.48 V	5.91 V	7.66 V	12.30 V	7.93 V	7.50 V	17.87 V	16.35 V	14.87 V	27.59 V	17.37 V	21.05 V	32.53 V	8.63 V	6.69	3.48	6.55	32.53	11.76	
9	6.69	5.55	12.69	11.96	23.19	30.34	27.12	33.02	28.54	36.32	57.01	48.64	51.19	27.99	22.42	37.07	28.49	17.07	4.48	7.92	10.53	5.94	38.54	127.70	127.70	29.18	
10	143.90	31.06	55.78	41.17	8.53	48.28	19.42	8.61	3.73	29.21	54.81	87.93	208.26	370.27	99.60 N	117.25	107.43	40.12	60.18	13.67	29.82	37.44	39.46	25.40	370.27	68.77	
11	14.67	14.42	17.39	19.27	37.48	30.24	26.14	21.48	18.65	22.46	27.83	29.95	22.49	24.41	18.36	17.14	18.98	17.33	15.56	11.29	15.57	17.18	18.56	20.64	37.48	20.73	
12	24.20	20.00	16.96	16.96	38.65	48.23	41.69	107.65	320.50	166.88	96.37	308.77	534.53	627.07	629.42	790.04	609.92	381.31	180.31	161.82	54.22	45.84	20.33	22.49	790.04	219.34	
13	18.76	25.59	41.71	79.20	89.80	120.71	58.31	39.64	59.03	36.69	41.14	45.64	25.13	31.58	24.57	34.71	12.56	15.81	11.37	29.04	38.08	16.95	9.54	7.40	120.71	38.04	
14	8.72	10.83	26.94	44.77	79.42	94.08	68.57	101.39	59.91	83.27	111.85	24.39	12.23	9.46	8.47	7.38	9.62	9.47	14.20	13.94	10.59	9.29	7.76	6.33	111.85	34.70	
15	6.00	5.48	7.54	8.34	8.51	8.24	10.01	13.59	17.19	18.89	17.54	17.72	14.81	15.24	12.65	11.89	13.74	13.27	9.63	6.71	9.77	9.51	8.37	7.03	18.89	11.32	
16	8.62	9.18	8.25	7.37	9.42	10.34	10.44	13.16	14.10	16.22	13.05	12.45	9.58	9.76	9.67	9.81	12.61	12.28	10.60	8.85	6.33	5.27	4.92	5.15	16.22	9.89	
17	7.84	8.42	10.74	11.69	11.84	11.87	13.04	15.44	16.60	16.94	14.90	16.54	15.06	16.47	11.99	10.02	8.79	8.33	8.32	7.40	9.33	9.19	11.52	12.65	16.94	11.87	
18	13.42	13.37	11.68	10.96	8.76	7.39	5.06	4.77	7.79	8.93	7.92	7.72	8.63	9.50	9.18	10.75	12.63	11.59	9.23	7.50	5.91	7.71	8.30	10.70	13.42	9.14	
19	11.15	10.96	10.88	9.07	7.60	6.26	5.56	8.06	14.57	17.26	18.75	18.34	13.29	13.67	10.00	9.81	9.21	7.38	6.79	5.15	4.49	4.57	5.28	5.58	18.75	9.74	
20	6.51	6.06	9.03	9.73	10.52	10.41	11.33	12.79	15.45	18.37	18.69	13.51	13.24	9.78	10.16	8.03	6.46	8.54	7.26	9.14	8.50	11.63	12.33	13.96	18.69	10.89	
21	14.04	14.34	14.48	13.33	12.92	12.60	12.29	10.75	11.38	11.42	9.37	9.91	12.83	12.51	12.11	11.91	10.41	10.67	9.63	8.91	8.07	7.84	10.60	11.38	14.48	11.40	
22	10.52	11.03	13.28	13.16	13.27	12.97	12.55	13.27	9.62	11.64	12.74	14.45	15.20	12.94	14.65	11.39	11.17	10.01	9.37	6.10	4.79	5.16	5.01	6.08	15.20	10.85	
23	5.82	7.44	7.35	9.78	9.39	12.37	12.80	16.49	24.53	28.51	23.33	23.24	20.61	19.36	12.46	12.50	11.40	10.40	7.90	6.21	5.85	4.69	8.69	9.10	28.51	12.93	
24	9.48	8.98	11.88	11.69	9.87	9.68	10.89	13.73	11.04	11.18	10.53	11.89	12.25	13.69	13.06	11.61	11.33	10.75	10.32	7.81	6.60	6.59	6.13	6.49	13.73	10.31	
25	6.58	7.10	7.08	7.85	7.92	8.02	7.44	10.82	12.90	14.92	13.31	13.76	14.69	13.86	12.12	11.20	10.71	11.04	9.04	8.70	7.02	6.42	6.92	6.48	14.92	9.83	
26	6.84	7.14	8.67	8.84	9.26	9.57	10.25	10.89	10.31	11.42	10.88	11.37	11.00	11.05	14.34	14.54	13.55	9.85	8.94	7.71	7.69	9.15	9.50	13.41	14.54	10.26	
27	13.49	13.61	13.21	10.80	11.09	8.26	8.91	10.42	9.73	11.61	12.17	12.42	10.42	10.25	13.04	13.60	14.10	14.29	11.77	8.03	4.72	4.18	4.15	4.81	14.29	10.38	
28	8.82	9.66	12.22	12.06	10.98	10.74	7.16	8.82	10.17	11.30	9.99	10.66	15.17	16.60	16.42	16.26	19.58	20.59	15.90	12.10	9.08	6.37	6.38	6.58	20.59	11.82	
29	6.55	8.24	8.54	9.62	10.09	11.26	11.27	14.63	18.38	20.05	20.36	21.12	17.62	17.91	13.83	12.73	8.48	7.21	5.66	5.09	4.71	4.84	5.61	6.22	21.12	11.25	
30	8.28	8.57	11.00	11.45	13.29	14.07	15.89	17.27	11.40	12.21	7.92	8.08	12.77	14.80	13.14	13.34	13.83	13.71	10.82	8.52	8.30	7.69	7.03	7.18	17.27	11.27	
Max	759.12	735.70	820.24	536.37	754.30	1125.84	1225.68	1199.39	616.64	174.60	111.85	308.77	534.53	627.07	629.42	790.04	747.22	1122.03	1545.60	1331.34	1090.83	761.03	778.53	918.15	1545.60	59.33	
Avg	58.92	49.08	42.95	46.16	61.09	63.63	62.75	76.87	53.35	27.67	21.86	28.80	37.22	58.09	52.58	84.47	76.72	95.23	100.28	102.96	86.08	51.40	55.25	69.52			
Rds	29	29	29	29	29	29	29	29	30	30	30	30	30	30	28	29	29	29	29	29	29	29	29	29	29		

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

'U' - User Data  
'E' - Error  
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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	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.01
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	0.11	0.20	0.23	0.30	0.31	0.54	0.67	0.70	0.71	0.72	0.72	0.72	0.19
3	0.73	0.76	0.80	0.81	0.83	0.84	0.82	0.71	0.55	0.40	0.24	0.16	0.07	0.05	0.03	0.04	0.08	0.01	0.15	0.39	0.53	0.61	0.59	0.47	0.84	0.45	
4	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	91.20	104.00	68.70	38.09	58.93	50.70	34.89	48.04	48.75	40.81	33.99	24.13	104.00	26.78	
5	32.09	46.83	48.09	40.62	21.00	27.93	41.44	71.04	75.69	76.36	60.73	58.63	57.61	67.12	59.94	69.11	56.90	66.44	67.78	49.25	42.05	29.95	37.76	38.20	76.36	51.77	
6	33.83	34.78	32.94	30.69	34.03	49.82	44.27	45.30	51.48	44.57	35.98	50.32	58.19	51.92	71.22	64.92	45.75	27.35	31.89	44.39	56.74	47.19	46.10	44.20	71.22	44.91	
7	54.10	50.84	52.80	49.55	36.88	47.37	47.85	47.54	49.98	48.73	38.91 V	34.75 V	40.22 V	49.48 V	30.31 V	41.67 V	8.92 V	43.95 V	56.77	46.80	56.65	63.74	52.44	46.19	63.74	45.69	
8	58.86	64.63	64.39	58.31	55.52	47.15	47.90	61.98	34.66	25.22	49.88	22.03	31.99	26.02	23.91	25.29	27.98	33.11	41.65	26.76	36.43	44.27	35.09	33.81	64.63	40.70	
9	39.81	35.01	37.06	49.14	49.08	51.70	44.70	33.58	26.31	37.71	46.97	39.28	50.15	53.29	47.08	31.48	32.16	30.58	40.20	34.99	54.40	41.03	39.82	58.21	58.21	41.82	
10	56.55	28.67	35.64	43.85	28.64	40.93	33.92	24.46	16.26	12.13	22.33	39.02	39.68	35.68	33.07	40.28	37.70	20.26	21.34	39.03	30.73	21.70	27.50	36.39	56.55	31.91	
11	45.29	37.29	34.38	33.80	37.35	45.73	40.81	33.92	16.84 V	23.11	21.53	21.23	31.92	21.96	11.37	15.44	24.14	29.29	24.24	14.78	26.28	26.29	34.52	30.01	45.73	28.40	
12	21.43	27.65	33.86	32.90	31.86	62.55	104.79	162.47	77.07	63.01	39.86	90.74	35.18	69.44	43.39	15.98	4.94	8.14	14.06	34.44	21.65	25.23	38.25	34.39	162.47	45.55	
13	29.08	20.38	23.83	34.90	51.85	75.97	83.25	53.71	50.83	64.44	54.23	40.21	44.17	43.95	34.76	26.44	13.41	15.96	34.96	21.38	24.96	22.96	23.93	18.25	83.25	37.83	
14	17.28	26.38	19.00	55.20	47.06	37.35	36.66	29.37	36.37	65.80	148.15	13.49	12.27	18.62	13.78	16.22	15.65	14.16	9.94	6.10	9.62	14.19	8.46	3.91	148.15	28.13	
15	8.01	5.29	4.02	5.36	6.63	6.41	3.56	3.24	4.11	3.42	3.63	4.77	5.07	5.09	6.37	8.95	9.69	8.73	3.91	5.26	7.39	9.76	10.59	6.68	10.59	6.08	
16	5.57	9.59	8.77	5.66	9.32	7.01	4.30	4.51	6.43 V	11.74 V	16.59 V	9.05 V	4.03 V	6.24 V	15.47 V	13.42 V	4.02 V	5.54 V	5.53 V	3.25 V	3.33 V	3.31 V	3.39 W	3.43 W	16.59	7.06	
17	5.87 V	4.48 V	5.49 V	6.90 V	6.36 V	4.22 V	10.49 V	11.74 V	11.31 V	6.32	8.35	11.05	4.03	3.66	4.79	4.13	5.36	3.93	4.72	3.83	5.18	5.14	6.12	6.05	11.74	6.23	
18	4.45	7.84	5.81	3.64	7.83	13.56	14.68	9.77	5.46	5.90	7.67	11.21	4.74	5.27	3.42	5.66	9.76	8.76	13.61	4.67	3.41	5.30	5.86	7.17	14.68	7.31	
19	3.97	6.89	7.62	6.23	9.01	9.64	9.36	10.32	7.29	7.55	5.69	5.23	7.28	6.71	8.93	5.16	5.19	7.92	9.31	4.40	3.90	7.71	5.34	3.76	10.32	6.85	
20	6.26	5.25	3.67	6.23	7.68	5.23	6.23	5.62	3.65	3.55	4.80	7.54	6.00	7.77	9.84	5.87	4.05	6.89	9.95	8.78	12.35	9.28	5.60	7.36	12.35	6.64	
21	8.43	5.57	6.13	3.69	3.41	3.79	8.01	9.60	3.32	3.78	4.42	6.02	5.11	8.76	11.50	5.95	9.40	8.80	6.77	10.29	5.11	4.03	6.38	5.23	11.50	6.40	
22	8.22	6.25	3.86	3.60	8.26	9.22	6.48	6.32	3.37	3.44	8.21	7.70	3.30	4.77	9.16	8.07	7.28	10.05	9.51	4.43	8.25	6.47	5.55	3.83	10.05	6.48	
23	8.96	10.64	7.78	11.38	4.93	11.45	10.91	5.34	6.48	5.90	3.93	5.14	5.89	4.59	2.99	2.97	3.02	5.28	3.62	5.91	8.29	6.34	8.15	7.82	11.45	6.57	
24	7.71	6.13	7.31	6.19	5.44	3.62	6.30	6.85	5.49	5.94	5.46	8.48	6.54	3.10	3.27	4.36	5.10	5.05	9.77	10.30	3.30	4.05	6.78	9.63	10.30	6.09	
25	5.03	8.59	12.38	4.90	4.20	6.87	4.01	3.37	5.98	9.36	9.03	6.95	4.22	7.58	6.03	7.74	10.34	4.78	3.38	4.29	8.22	7.62	7.56	5.10	12.38	6.56	
26	4.42	6.16	7.40	4.49	5.96	9.98	4.87	4.83	4.74	6.19	4.40	5.07	3.80	6.51	4.03	4.42	8.25	3.67	4.93	4.40	6.51	8.67	4.58	3.24	9.98	5.48	
27	3.94	5.89	5.58	3.77	4.94	4.94	4.16	3.64	8.75	12.42	13.28	8.38	6.07	9.04	12.09	7.42	4.58	8.31	4.12	3.30	4.00	3.66	7.36	9.78	13.28	6.64	
28	8.40	12.64	7.30	5.24	5.22	4.43	6.67	9.26	6.34	10.90	6.45	6.10	6.79	9.09	6.02	5.01	6.24	8.40	14.84	15.71	11.05	3.95	3.21	4.02	15.71	7.64	
29	6.76	5.56	3.40	4.97	8.85	8.38	3.84	4.82	7.00	6.74	6.21	8.55	9.58	6.20	3.50	7.21	11.43	9.13	4.37	4.68	3.37	4.80	4.46	5.21	11.43	6.21	
30	9.46	8.10	4.58	4.32	7.93	5.91	8.19	9.97	6.81	7.98	15.08	10.99	5.66	7.55	6.39	7.66	4.87	4.38	4.72	3.80	6.60	11.40	10.44	12.12	15.08	7.70	
Max	58.86	64.63	64.39	58.31	55.52	75.97	104.79	162.47	77.07	76.36	148.15	90.74	91.20	104.00	71.22	69.11	58.93	66.44	67.78	49.25	56.74	63.74	52.44	58.21	162.47	17.67	
Avg	16.50	16.27	16.13	17.21	16.67	20.07	21.28	22.44	17.75	19.09	21.40	17.74	19.36	21.45	18.39	16.31	14.51	15.00	16.38	15.47	16.99	16.01	16.02	15.64			
Rds	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		

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