

**Pacific Custom Materials**  
**Kiln 3 - Report for Month of September 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	11.09	9.71	12.98	12.84	13.10	12.15	13.09	13.65	16.88	22.47	20.74	18.60	17.45	17.59	14.32	14.04	10.74	8.65	10.57	7.92	4.42	3.01	18.57	324.38	324.38	26.21
2	337.91	106.31	56.67	68.17	27.83	28.81	31.68	40.13 V	60.48 V	50.44	79.33	369.50	713.69	1003.21	807.87	444.76	210.66	75.40	53.01	38.96	39.26	31.02	26.30	28.40	1003.21	197.08
3	4.55	4.76	3.79	5.54	4.66	22.96	33.82	33.89	30.97 V	29.46	46.15	52.52	101.60	256.81	328.90	294.31	242.62	43.13	26.14	51.03	48.23	32.11	19.79	19.56	328.90	72.39
4	21.22	22.44	20.47	20.26	17.36	41.19	28.98	16.34	23.92 V	28.22	29.07	38.05	41.61	83.97	90.40	35.38	30.41	14.02	17.02	98.52	5.98	8.53	8.79	13.86	98.52	31.50
5	14.23	14.58	17.10	14.10	10.74	15.50	21.03	38.62	39.78 V	21.04	26.95	30.61	180.65	426.44	574.16	368.88	362.66	240.76	29.98	41.65	33.67	43.26	38.85	47.14	574.16	110.51
6	48.13	39.00	27.25	27.91	42.68	54.26	26.80	37.03	91.94 V	127.99	93.18 V	58.07 V	85.13	384.72	554.95	412.01	387.26	300.71	175.53	207.90	67.81	22.02	12.01	57.22	554.95	139.23
7	89.63	38.73	43.33	48.88	33.57	34.69	37.41	50.84	134.51 V	126.66	28.52	20.56	106.88	262.12	409.74	70.20	37.99	32.82	28.32	29.41	24.32	16.05	16.38	15.81	409.74	72.39
8	19.83	13.31	21.51	24.57	17.47	15.43	17.22	15.89	20.77	24.29	29.77	30.99	57.37 V	57.95	29.90	51.61	32.95	54.88	26.56	18.91	15.83	21.99	58.07	40.08	58.07	29.88
9	65.92	78.94	39.82	19.67	21.19	8.08	8.39	11.86	4.45	5.71	20.86	24.36	45.37	28.52	26.77	27.97	27.92	26.44	44.54	42.72	39.15	45.05	50.27	43.54	78.94	31.56
10	46.86	36.23	29.56	23.87	35.19	25.32	29.13	23.24	22.43	30.98	32.88	89.40	247.03	110.12	104.25 V	114.45 V	231.87	307.76	416.47	387.22	426.91	363.66	230.58	136.30	426.91	145.90
11	63.75	18.84	13.09	12.69	12.00	17.47	17.31	19.09	28.19 V	30.31 V	28.24 V	43.51 V	19.65 V	125.60 V	182.60 V	353.11 V	374.42	119.64	210.88	276.78	148.25	93.72	118.26	50.58	374.42	99.08
12	53.04	19.71	14.87	22.96	15.99	15.29	13.46	16.12	45.01	253.07	110.44	110.23	395.60	630.47	877.93	971.50	47.98	57.19	34.34	60.34	129.84	110.09	80.67	203.50	971.50	178.74
13	292.59	214.61	153.40	168.20	155.25	72.22	14.75	16.56	15.46	15.87	16.17	15.09	11.68	11.25	11.38	11.11	8.31	9.27	10.41	9.69	8.50	9.36	12.38	11.08	292.59	53.11
14	10.18	10.87	12.01	13.45	15.74	15.06	15.12	14.94	11.93	13.29	15.64	17.05	16.31	18.42	20.29	20.62	18.38	18.01	13.39	9.31	8.30	6.66	7.41	9.19	20.62	13.82
15	9.19	9.37	10.21	12.27	12.65	13.99	13.34	12.62	15.57	16.44	14.83	15.77	16.52	16.07	11.70	9.48	7.42	6.18	5.79	6.39 V	6.84 V	8.90 V	12.62 W	12.26 W	16.52	11.52
16	11.21 V	10.85	12.09	11.69	12.81	12.72	13.60	13.82	12.27	13.70	15.72	17.13	20.62	22.97	20.36	20.27	18.04	15.85	7.76	5.42	8.29	7.54	8.22	9.49	22.97	13.43
17	8.51	7.76	8.91	10.46	10.83	12.17	11.43	11.59	9.61	11.02	13.24	15.95	14.05	15.68	17.51	14.94	10.54	9.47	9.20	8.22	8.48	8.69	8.68	10.39	17.51	11.14
18	11.21	10.89	10.32	10.41	9.90	9.51	8.23	9.79	15.35	16.97	19.88	21.73	23.49	25.11	19.94	19.86	12.05	8.80	6.56	5.65	5.73	5.78	9.42 W	10.49 W	25.11	12.79
19	10.64 V	11.70 V	8.79 V	6.72 W	6.49 V	6.52 V	6.79 V	7.76 V	9.05 V	9.90 V	10.64 V	12.31 V	12.37 V	12.21 V	16.65 V	15.99 V	11.55 V	9.78 V	9.67 V	8.36 I	9.54 V	9.27 V	11.85 W	13.77 W	16.65	10.43
20	13.75	12.39	10.87	10.50	9.92	9.46	10.28	9.04	12.56	12.75	13.84	16.01	23.26	26.48	20.09	18.30	16.39	15.14	10.26	8.55	7.84	7.53	7.92	7.99	26.48	12.96
21	10.60	11.93	11.77	12.20	10.91	9.79	10.34	11.20	9.53	11.07	10.61	12.08	12.08	12.33	12.94	12.41	10.68	7.31	7.07	6.74	8.61	9.40	9.81	10.49	12.94	10.49
22	8.47	7.02	6.63	6.90	6.95	8.94	11.19	9.81	12.27	13.12	10.84	11.11	12.84	12.88	11.09	10.21	12.03	12.17	10.68	10.04	10.13	10.61	11.35	11.73	13.12	10.37
23	11.55	11.51	8.91	8.38	8.19	8.05	6.30	5.67	9.95	10.96	14.22	15.69	15.48	16.58	15.03	16.16	12.98	11.44	10.85	10.03	8.96	7.91	8.56	8.84	16.58	10.92
24	9.97	10.27 V	10.68	10.46	10.28	9.30	8.67	7.63	12.27	13.49	16.02	16.37	17.34	19.01	17.06	16.81	12.04	11.34	12.14	9.53	8.20	9.16	9.11	11.47	19.01	12.03
25	11.91	11.21	10.27	9.39	7.58	7.31	9.21	9.44	9.27	11.08	13.13	14.47	14.20	15.05	13.37	13.04	9.60	9.38	7.26	5.02	5.37	5.24	7.19	7.44	15.05	9.85
26	9.27	9.83	9.66	9.39	7.10	7.75	7.43	9.46	16.30	19.23	19.35	20.00	18.87	20.35	18.30	18.81	21.07	19.11	17.87	14.43	13.66	13.84	12.72	12.07	21.07	14.41
27	10.90	10.38	9.53	9.79	8.69	9.14	9.41	9.48	9.83	11.91	10.10	11.76	12.37	12.29	12.43	13.01	16.57	16.05	14.03	11.26	7.92	6.81	9.25	10.09	16.57	10.96
28	11.63	12.39	16.39	17.22	12.62	10.82	8.76	6.18 V	9.18 V	11.86	16.82	18.69	14.88	15.17	14.44	14.01	10.75	9.52	13.73	13.21	10.66	9.04	9.67	10.03	18.69	12.40
29	8.29	7.61	7.70	7.90	8.80	9.63	8.86	9.09	10.69	12.19	17.34	20.11	17.90	17.26	17.71	16.59	15.18	14.27	16.47	16.41	14.63	13.23	12.95	12.87	20.11	13.07
30	12.03	11.71	10.52	10.96	8.18	7.04	6.95	7.33	6.31	10.22	13.15	12.82	13.62	9.21	9.57	8.45	7.82	5.49	4.82	10.32	9.79	7.58	7.00	7.88	13.62	9.11
Max	337.91	214.61	153.40	168.20	155.25	72.22	37.41	50.84	134.51	253.07	110.44	369.50	713.69	1003.21	877.93	971.50	387.26	307.76	416.47	387.22	426.91	363.66	230.58	324.38	1003.21	46.24
Avg	41.60	26.50	20.97	21.59	19.16	17.68	15.30	16.60	24.22	32.86	26.92	39.02	76.66	122.86	142.72	114.28	74.30	49.67	42.04	49.02	38.17	31.57	28.49	38.93		

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'F' - Frozen FIFO  
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1	21.87	24.26	24.97	27.23	30.53	23.17	18.41	14.78	17.34	20.95	34.22	28.64	21.84	38.63	13.74	4.70	19.92	30.19	18.79	8.88	12.92	16.62	65.76	137.62	137.62	28.17
2	110.64	113.17	109.29	110.31	109.19	105.74	99.05	89.29	75.58	76.07	56.26	47.19	46.25	32.85	31.75	70.50	125.99	114.42	94.17	96.52	87.66	106.52	78.98	6.12	125.99	83.06
3	3.25	4.76	18.46	21.83	40.62	136.61	109.08	95.37	110.39	100.29	90.14	63.84	45.36	24.74	37.12	46.47	82.12	63.60	64.48	50.43	43.05	46.64	70.22	74.75	136.61	60.15
4	58.39	66.09	61.91	81.67	73.79	98.94	117.79	91.67	60.00	63.64	107.17	79.46	66.54	79.13	60.38	35.76	44.24	37.74	43.05	58.06	52.94	50.17	39.56	38.79	117.79	65.29
5	42.65	44.29	37.08	34.99	55.07	61.15	33.49	38.11	51.86	57.21	60.20	56.63	53.80	46.12	46.53	60.35	69.46	60.96	54.19	47.50	45.98	38.71	46.83	50.16	69.46	49.72
6	53.06	40.86	35.22	17.99	29.85	48.48	44.58	51.60	46.19	52.07	50.64	37.97	35.25	41.84	65.08	43.43	33.13	23.93	35.61	24.90	31.83	47.88	48.75	55.98	65.08	41.51
7	50.76	47.26	41.74	40.01	48.10	36.08	33.56	57.87	55.85	45.95	49.69	35.92	20.45	29.36	41.58	49.12	44.11	49.67	48.92	47.54	44.33	60.27	45.67	35.86	60.27	44.15
8	31.69	52.17	48.26	45.14	38.95	47.53	34.30	26.60	44.81	49.02	44.49	37.25	34.81	19.23	17.53	41.92	48.55	82.20	75.07	61.37	50.40	46.60	28.46	36.20	82.20	43.44
9	34.93	46.52	69.99	75.83	59.53	38.99	26.34	28.89	35.94	41.72	59.30	43.24	20.54	35.76	45.69	42.73	60.71	53.81	31.04	41.33	70.50	49.41	57.82	63.08	75.83	47.24
10	60.97	59.66	46.31	45.74	46.85	54.37	40.18	29.80	51.15	59.98	50.99	36.84	32.23	30.71	31.15	35.68	64.25	51.60	47.82	45.82	54.58	32.44	15.58	24.75	64.25	43.73
11	32.35	42.07	53.74	34.07	23.72	29.53	26.79	39.46	40.44	52.81	40.78	40.26	36.32	33.28	42.41	50.67	53.71	39.71	43.56	24.49	36.90	38.97	41.86	57.53	57.53	39.81
12	39.74	40.66	50.26	40.36	34.96	35.57	35.44	30.95	44.17	21.23	24.39	33.33	34.15	27.65	31.61	75.97	71.71	57.31	44.03	28.69	46.47	43.50	27.41	24.87	75.97	39.35
13	30.71	28.19	32.14	54.71	43.50	37.49	40.56	63.72	17.36	9.17	12.01	11.89	9.87	4.23	7.10	9.40	5.17	4.04	4.62	8.40	6.19	10.79	14.18	11.81	63.72	19.89
14	11.36	8.21	5.66	4.59	6.07	16.22	14.79	7.13	3.68 V	3.35 V	7.52 V	8.04 V	9.33 V	11.13 V	12.30 V	6.60 V	3.96 V	4.21 V	4.91 V	5.02 V	3.98 V	4.94 V	7.03 V	4.19 V	16.22	7.26
15	5.01 V	7.88	5.46	8.48	10.43	8.56	7.69	5.28	3.77 V	3.82 V	5.56 V	18.75 V	16.14 V	5.11 V	3.63 V	3.86 V	5.93 V	4.88 V	4.13 V	12.65 V	18.28 V	13.73 V	16.33 V	5.98 V	18.75	8.39
16	5.40 V	5.11	7.63	7.10	9.39	4.97	6.83	14.66	16.63	9.70	8.34	16.34	6.34	5.90	6.01	4.39	6.83	10.63	10.66	7.55	4.34	7.96	11.88	11.56	16.63	8.59
17	6.52	5.03	12.93	9.47	12.76	11.32	7.84	6.13	9.18	9.04	3.51	3.76	4.86	13.29	10.82	6.58	10.47	7.70	5.54	8.30	8.87	5.26	6.79	8.54	13.29	8.10
18	8.95	9.90	9.68	5.70	3.99	4.16	5.16	3.78	3.90 V	9.30 V	5.91 V	7.61 V	8.89 V	15.31 V	14.01 V	11.75 V	8.34 V	6.24 V	7.99 V	13.88 V	10.20 V	4.12 V	7.73 V	14.23 V	15.31	8.36
19	15.22 V	15.52 V	8.52 V	5.79 V	6.28 V	4.67 V	5.74 V	10.90 V	5.20 V	7.93 V	14.01 V	6.72 V	3.75 V	8.21 V	11.27 V	3.96 V	3.73 V	5.21 V	3.22 V	3.22 V	5.78 V	8.12 V	12.57 V	15.52	7.45	
20	20.52 V	12.32 V	4.93 V	4.00 V	11.28 V	10.79 V	10.11 V	4.60 V	3.81 V	7.31	5.05	5.48	11.96	10.67	4.32	4.82	10.56	7.89	10.85	14.19	11.60	6.22	8.71	4.87	20.52	8.62
21	4.28	11.48	4.79	5.08	4.77	7.20	14.54	16.23	10.35 V	7.29 V	5.76 V	3.24 V	4.87 V	3.77 V	5.28 V	10.00 V	10.43 V	9.34 V	14.14 V	15.03 V	14.26 V	11.52 V	9.68 V	15.89 V	16.23	9.13
22	13.68 V	12.76 V	10.09 V	6.98 V	14.07 V	9.85 V	14.12 V	21.48 V	7.25 V	8.19	12.44	15.42	9.06	3.61	3.88	3.96	4.15	5.69	8.80	12.67	6.46	4.45	5.56	9.56	21.48	9.34
23	10.77	13.36	6.92	5.40	6.04	7.54	10.68	9.41	5.72 V	10.73 V	7.32 V	8.64 V	3.71 V	5.12 V	5.75 V	4.24 V	5.32 V	5.04 V	8.09 V	11.42 V	5.90 V	9.93	9.58	9.99	13.36	7.77
24	7.84	9.55	7.70	3.59	5.22	7.24	3.70	8.92	13.44	14.23	8.54	5.58	6.03	15.16	21.27	13.69	15.18	7.91	5.11	5.95	4.26	8.36	18.08	17.40	21.27	9.75
25	26.17	6.63	7.25	14.99	8.75	3.65	5.97	6.40	9.16	4.72	5.58	15.12	16.85	7.25	18.39	30.04	14.19	3.98	5.26	8.42	6.54	3.94	3.41	4.70	30.04	9.89
26	3.83	4.90	8.13	7.55	9.28	9.17	10.72	7.80	11.54	14.06	7.87	4.81	8.88	6.88	3.97	10.34	8.73	6.41	10.88	8.89	18.69	9.04	5.88	5.67	18.69	8.50
27	14.22	19.77	7.57	15.72	14.82	19.86	16.11	3.65	4.21	8.81	18.41	27.05	14.73	13.21	10.95	6.95	10.83	5.12	3.48	5.27	12.62	13.54	5.61	8.21	27.05	11.70
28	18.32	14.79	15.54	16.12	13.57	7.15	4.72	6.03	10.54	15.52	3.72	10.31	12.17	10.42	8.09	5.68	10.64	10.22	4.25	3.30	5.35	15.57	15.03	8.07	18.32	10.21
29	14.77	14.30	13.65	16.51	6.30	5.77	11.75	9.78	20.42	8.97	11.60	9.72	9.37	13.07	5.58	3.39	11.71	8.13	10.83	17.09	7.52	4.14	20.80	27.66	27.66	11.78
30	12.34	5.21	5.77	4.91	6.10	5.52	6.63	12.89	13.18	8.66	13.94	11.64	12.31	10.79	7.65	10.58	13.13	19.61	9.88	11.58	18.12	10.33	10.80	15.69	19.61	10.72
Max	110.64	113.17	109.29	110.31	109.19	136.61	117.79	95.37	110.39	100.29	107.17	79.46	66.54	79.13	65.08	75.97	125.99	114.42	94.17	96.52	87.66	106.52	78.98	137.62	137.62	25.37
Avg	25.67	26.22	25.72	25.73	26.13	29.91	27.22	27.11	26.77	26.73	27.51	24.36	20.56	20.08	20.83	23.58	29.24	26.58	24.45	23.61	24.80	24.24	25.07	26.74		

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