

Pacific Custom Materials
Kiln 3 - Report for Month of November 2009
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	0.61	2.70	4.22	0.87	3.81	6.18	29.03	55.50	23.09	10.32	13.68	3.04	5.41	20.77	15.12	24.36	24.83	19.58	2.72	5.08	6.29	4.17	4.20	4.37	55.50	12.08	
2	1.73	2.32	9.93	3.02	1.36	2.71	6.84	8.27	6.15	1.23	0.55	2.81	4.77	5.53	5.01	9.88	6.82	4.97	3.13	7.12	5.90	1.73	5.63	8.18	9.93	4.82	
3	2.76	1.25	2.47	3.26	8.20	3.84	0.37	2.46	12.34	11.62	5.53	2.83	4.33	1.86	0.39	1.54	4.42	10.70	12.08	1.94	4.35	7.29	2.90	0.81	12.34	4.56	
4	3.75	2.24	0.23	0.33	1.12	1.89	0.50	1.27	4.82	5.87	5.75	6.11	7.69	12.88	3.66	6.08	3.89	4.62	3.81	6.59	8.91	7.38	7.86	8.63	12.88	4.83	
5	9.25	3.41	6.08	6.09	7.15	5.72	3.33	2.23	8.99	5.02	3.63	5.68	10.90	15.03	14.86	8.07	3.24	2.76	6.76	9.44	7.18	8.97	1.46	14.48	15.03	7.07	
6	16.60	9.98	12.51	1.63	1.56	2.85	5.30	5.95	2.17	5.90	7.28	4.29	6.49	1.98	2.21	11.92	17.62	14.22	5.40	2.64	2.87	1.82	1.95	3.23	17.62	6.18	
7	3.89	0.42	0.45	0.58	1.94	5.49	7.67	17.18	4.55	2.52	3.11	5.67	8.56	9.64	10.51	4.50	4.86	10.55	5.94	7.88	11.70	3.48	11.36	11.86	17.18	6.43	
8	6.95	11.85	20.22	19.63	18.74	6.14	9.50	0.46	0.60	5.55	2.65	0.92	2.90	1.23	1.60	0.28	4.64	3.75	2.34	0.53	1.11	2.10	2.12	1.85	20.22	5.32	
9	5.16	5.66	2.57	6.13	8.37	15.43	21.98	18.61	13.79	8.77	1.62	3.02	0.57	0.63	0.36	2.82	8.33	7.12	9.49	8.27	11.39	8.03	1.82	3.24	21.98	7.22	
10	2.12	2.00	6.74	5.55	1.23	0.61	1.48	0.59	15.18	25.75	59.53	10.58	24.21	26.72	10.25	4.45	1.61	1.35	3.71	0.60	0.26	3.25	6.46	1.98	59.53	9.01	
11	6.27	12.71	1.82	3.04	1.24	2.62	0.12	5.72	15.10	4.10	1.09	1.34	1.60	9.37	6.19	1.02	3.90	2.67	1.89	3.36	0.96	0.81	1.74	4.25	15.10	3.87	
12	1.99	1.34	2.97	12.38	9.77	5.15	8.52	3.72	0.41	0.32	0.25	1.12	7.03	3.69	2.93	1.56	9.01	4.66	5.03	1.15	3.46	3.33	4.72	3.22	12.38	4.07	
13	3.17	7.87	6.12	5.43	1.95	6.31	12.39	12.96 V	6.46 V	6.89	0.76	2.03	3.03	9.34	2.98	0.62	1.96	2.69	4.92	3.14	5.40	6.20	5.51	5.82	12.96	5.16	
14	6.23	5.57	0.45 V	0.51 V	7.46 V	7.59	5.79	9.09	10.11	13.25	7.09	12.21	18.35	9.21	4.49	6.79	12.30	20.10	17.24	9.41	9.50	6.56	2.22	0.92	20.10	8.44	
15	13.22	14.56	8.68	11.32	7.23	9.19	6.87	7.74	2.75	2.46	1.24	3.98	2.97	3.41	15.03	10.04	9.65	13.48	9.55	14.12	9.33	10.38	8.08	4.57	15.03	8.33	
16	13.80	10.04	7.77	8.46	5.78	4.47	3.75	1.76	5.29	4.04	6.49	8.79	6.73	6.71	6.32	5.69	8.38	3.19	0.23	1.59	3.43	2.52	2.48	1.03	13.80	5.36	
17	5.95	3.97	6.49	12.72	13.01	7.91	6.76	11.06	3.24	4.00	10.94	14.59	40.31	264.11	226.37	55.09	7.51	2.67	4.41	1.32	4.51	6.66	8.61	4.14	264.11	30.26	
18	1.33	9.67	10.95	4.42	0.53	4.85	7.25	1.20	9.77	7.22	8.23	6.38	8.69	12.42	3.86	11.21	14.06	7.50	13.94	15.22	11.79	22.64 V	15.07	7.27	22.64	8.98	
19	14.64	9.25	3.56	1.48	2.52	6.46	13.86	12.10	3.70	9.99	10.08	0.64	1.42	2.95	5.37	12.60	2.31	5.57	12.58	11.67	10.95	6.56	4.13	3.08	14.64	6.98	
20	1.63	1.91	4.32	12.59	9.71	2.80	10.40	5.71	7.48	3.19	4.82	5.24	4.14	2.71	7.33	6.22	7.02	5.29	9.75	16.92	15.48	16.74	13.24	10.34	16.92	7.71	
21	9.04	8.50	10.50	3.93	0.31	1.22	4.09	4.31	13.55	7.63	4.19	6.66	12.37	16.14	19.84	13.47	4.23	1.24	3.67	11.73	4.84	0.62	4.90	4.81	19.84	7.16	
22	3.98	4.45	2.65	1.36	2.24	2.44	2.21	2.66	1.95	4.32	0.75	0.10	1.24	1.59	0.46	0.39	0.21	0.37	1.84	3.46	0.17	0.76	1.91	1.49	4.45	1.79	
23	1.01	0.56	0.40	0.52	0.48	0.62	1.68	2.79	4.10	4.31	1.00	1.02	1.91	2.25	2.34	1.88	1.75	3.01	1.32	1.93	0.96	0.26	0.21	0.61	4.31	1.54	
24	0.54	0.20	0.59	1.14	1.33	0.76	0.71	1.05	0.31	0.12	2.34	1.46	2.67	0.80	1.07	1.69	3.76	1.47	0.38	4.14	3.26	0.30	1.14	0.68	4.14	1.33	
25	0.09	3.05	3.41	0.74	3.17	6.36	4.03	1.42	0.59	0.09	0.08	0.40	0.58	0.78	2.41	1.11	3.03	1.39	0.09	0.89	0.77	0.33	0.11	0.19	6.36	1.46	
26	0.43	1.21	2.19	1.48	4.67	4.74	2.17	0.23	0.25	0.66	1.10	0.85	5.05	2.64	1.84	1.44	1.15	1.16	0.74	5.32	1.55	0.70	4.62	1.67	5.32	1.99	
27	2.26	10.01	7.64	4.31	0.27	1.72	0.71	1.53	3.50	0.86	1.12	0.36	0.31	2.11	2.86	1.57	0.22	1.49	2.29	1.32	2.29	0.36	0.44	3.76	10.01	2.22	
28	3.97	0.48	1.22	5.48	3.57	0.02	0.55	0.15	0.22	0.99 V	1.11 V	0.41 V	0.60 V	1.76 V	1.82	6.57	1.70	1.99	2.87	0.40	0.78 V	0.83	2.31	1.14	6.57	1.71	
29	3.29	4.56	1.01	0.05	0.06	1.08	2.04 V	4.24 V	2.05 V	1.94	3.20	4.05	2.12	3.08	1.77	3.19	1.43	1.73	1.63	0.30	1.88	3.02	0.27	0.25	4.56	2.01	
30	1.87	6.09	2.91	1.34	1.45	1.71	1.31	0.46	4.31	1.40	1.68	1.34	0.75	0.80	0.08	0.83	2.79	2.39	1.20	1.71	0.42	4.07	6.53	3.66	6.53	2.13	
Max	16.60	14.56	20.22	19.63	18.74	15.43	29.03	55.50	23.09	25.75	59.53	14.59	40.31	264.11	226.37	55.09	24.83	20.10	17.24	16.92	15.48	22.64	15.07	14.48	264.11	6.00	
Avg	4.92	5.26	5.04	4.66	4.34	4.30	6.04	6.75	6.23	5.34	5.70	3.93	6.59	15.07	12.64	7.23	5.89	5.46	5.03	5.31	5.06	4.73	4.47	4.05			
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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'M' - Maintenance
'W' - Caution

'U' - User Data
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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	52.74	220.53	142.55	254.03	230.94	142.24	73.47	54.17	51.56	39.28	49.32	63.01	57.02	41.49	49.67	54.11	62.76	57.08	48.60	38.45	254.03	74.29	
2	48.92	81.74	81.05	66.80	58.31	51.35	47.93	52.10	48.13	52.50	48.09	27.93	28.98	42.58	46.72	50.97	52.06	20.83	9.98	37.17	61.84	52.46	48.05	50.24	81.74	48.61	
3	52.47	42.10	35.27	39.86	35.22	35.38	42.56	42.56	30.60	18.60	14.76	18.68	23.00	29.69	43.77	49.15	69.34	116.37	90.08	67.06	53.84	48.16	40.08	43.48	116.37	45.09	
4	50.06	56.03	50.52	47.73	53.93	52.11	56.26	58.14	55.70	51.30	52.18	53.11	46.75	45.71	49.16	49.86	46.19	55.40	49.09	52.74	50.52	43.08	53.93	54.04	58.14	51.40	
5	54.56	54.54	51.41	57.42	57.13	50.70	54.79	59.73	60.29	56.44	51.77	42.33	43.74	50.40	52.52	49.89	37.19	33.99	38.84	22.98	34.75	91.09	72.13	68.30	91.09	51.96	
6	70.59	76.22	73.82	78.36	53.35	35.19	34.02	30.79	41.47	35.88	28.85	26.22	41.16	44.34	44.81	60.69	61.33	61.82	66.17	55.18	34.25	35.15	43.89	51.67	78.36	49.38	
7	36.73	35.14	43.76	43.90	36.38	37.75	24.10	20.59	26.14	24.40	26.73	37.86	45.67	47.88	53.00	50.86	52.11	56.52	55.54	52.17	51.66	46.71	45.17	45.05	56.52	41.49	
8	45.80	40.47	34.16	39.28	39.19	38.13	37.23	30.77	25.04	22.08	39.30	19.00	0.69	0.82	1.31	57.21	1.30	0.07	0.22	0.12	0.11	0.32	0.25	5.65	57.21	19.94	
9	6.91	14.41	24.73	26.04	24.89	1.86	0.86	0.02	0.00	0.13	0.02	0.00	0.07	5.50	18.74	43.54	41.98	38.02	29.37	24.21	25.71	31.81	31.45	28.83	43.54	17.46	
10	28.93	26.86	30.27	37.12	29.05	27.46	31.31	31.49	30.55	30.32	27.95	27.68	26.37	30.69	37.86	33.42	46.04	65.80	41.92	40.50	47.51	38.94	32.14	37.39	65.80	34.90	
11	37.29	37.33	44.53	61.04 I	33.89	32.66	34.62	41.58	40.18	41.17	39.50	28.62	37.40	37.00	36.19	40.33	34.48	31.96	34.64	34.16	33.09	30.08	28.93	15.62	44.53	35.01	
12	10.92	21.77	34.35	31.18	25.77	23.52	25.14	25.29	29.85	24.44	20.81	24.87	24.30	25.01	28.32	31.49	24.50	21.93	27.06	33.24	31.71	29.85	29.28	32.16	34.35	26.53	
13	38.09	42.37	35.63	33.62	38.00	33.09	35.49	34.24	31.08	32.31	33.16	33.42	33.70	31.28	31.82	31.77	32.21	25.78	38.45	37.36	41.97	36.72	68.34	37.49	68.34	36.14	
14	28.83	33.38	39.45	42.51	39.44	33.48	42.06	57.11	93.02	106.50	113.52	107.70	92.69	82.74	116.03	134.59	124.23	111.38	104.63	87.34	74.97	68.34	73.59	65.49	134.59	78.04	
15	58.64	53.70	49.51	59.21	73.69	91.48	76.44	76.68	77.21	84.53	89.99	73.94	78.20	98.10	103.45	102.45	85.65	80.26	90.09	92.66	87.70	90.16	61.32	50.98	103.45	78.58	
16	41.40	42.54	45.07	52.83	46.84	41.55	40.41	46.32	56.18	51.68	49.60	41.87	42.15	41.61	42.76	41.29	53.96	33.42	36.01	38.82	38.31	40.98	42.08	32.62	56.18	43.35	
17	29.42	34.05	34.31	59.41	74.40	67.68	64.54	59.08	47.89	53.80	55.60	53.07	38.63	38.52	44.18	36.24	33.63	63.62	63.23	49.39	52.14	42.04	47.03	40.42	74.40	49.26	
18	42.09	39.41	40.55	40.00	37.53	32.30	32.61	43.20	43.26	44.55	41.25	38.72	37.32	37.96	64.32	106.14	98.76	113.44	111.29	85.37	58.15	117.07	128.49	107.04	128.49	64.20	
19	108.73	110.70	91.54	82.00	74.38	65.99	70.07	68.01	68.94	75.55	60.24	61.22	59.79	46.93	48.65	51.56	42.55	41.37	40.09	41.12	47.74	42.53	46.56	41.93	110.70	62.01	
20	41.98	44.44	57.74	51.20	51.54	54.54	55.40	50.02	54.39	43.06	38.12	33.72	37.45	41.38	44.80	44.20	35.91	40.48	41.39	38.25	37.33	45.94	45.96	44.95	57.74	44.76	
21	44.21	45.81	44.10	40.54	45.30	38.13	44.39	45.05	50.98	52.14	41.37	35.72	36.35	34.01	38.63	37.81	35.43	40.86	48.93	33.86	32.17	30.88	25.62	26.43	52.14	39.53	
22	22.08	0.15	0.00	0.00	0.01	0.20	0.06	0.03	0.01	0.08	0.03	0.02	0.01	0.00	0.01	0.02	0.00	0.00	0.02	0.15	0.34	0.00	0.00	0.00	22.08	0.97	
23	0.00 W	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.51	1.15	0.03	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	1.15	0.07	
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	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	0.03	0.00	
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	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	0.00	0.09	0.01	
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.40	0.33	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	0.40	0.03	
27	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
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.02	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.01	
29	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.02	0.61	0.03	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.61	0.03	
30	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
Max	108.73	110.70	91.54	82.00	74.40	220.53	142.55	254.03	230.94	142.24	113.52	107.70	92.69	98.10	116.03	134.59	124.23	116.37	111.29	92.66	87.70	117.07	128.49	107.04	254.03	33.10	
Avg	29.95	31.11	31.39	32.03	32.70	35.50	33.09	37.56	38.08	34.84	31.56	28.00	27.53	28.38	33.21	38.91	35.53	36.49	35.56	32.60	31.95	33.98	33.76	30.61			
Rds	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			

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