

DAILY PROCESS SAMPLES

Date	Time	Initials	2D-60 INLET	2C-60 OUTLET	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	OF-741 BZ/TOL	OF-741 TOD	OF-711 BZ/TOL
12-23	6 ³⁰ PM	PLS	—	2.6	—	—	—	3.8	—	—	—	—	—	—
12-24	7 ⁰⁰	JP	7.16	2.6	30.1	39/41	276	3.4	2/34	520	2.1	2/0	6	0/0
12-24	6 ³⁰ PM	JP2	—	2.6	—	—	—	1.5	—	—	—	—	—	—
12-25	6 ³⁸	SAM	8	2.6	29.1	20/45	48	3.6	2/4	458	2.6	1/11	4	4/0
12-25	6 ³⁰ PM	JP2	—	2.6	—	—	—	2.6	—	—	—	—	—	—
			8.28	2.56	31.8	—	—	—	—	—	—	—	—	—
12-26	7 ³⁰ AM	DC	8.28	2.56	31.8	30/64	110	4.4	3/77	478	1.9	2/0	6	0/10
12-26	7 ⁰⁰ AM	JP	—	2.58	—	—	—	3.9	—	—	—	—	—	—
12-27	8 ⁰⁰ AM	DC	8.08	2.68	32.33	3/72	106	2.6	3/72	518	2.0	14/12	6	0/3
	2 ³⁰ PM	DC	—	—	—	—	—	—	—	—	—	—	—	—
12-27	7 ⁰⁰ PM	JP	—	2.7	—	—	—	3.5	—	—	—	—	—	—
12-28	8 ³⁰	AG	7.8	2.6	30.6	3/5	104	2.6	0/0	720	9.0	0/0	2	0/0
12-28	7 ⁰⁰ PM	JP	—	2.65	—	—	—	3.2	—	—	—	—	—	—
12-29	7 ⁰⁰ PM	WC	7.60	2.48	31.80	28/5.8	84	3.8	0/0	496	5.1	0/0	6	0/0
12-30	7 ⁰⁰ PM	WC	8.16	2.48	32.33	3.65/3.99	116	13.2	0/6.05	536	3.5	0/0	4.0	0/0
12-30-96	2 ⁰⁰ PM	JP	—	2.7	—	—	—	2.2	—	—	—	—	—	—
12-31-95	7 ⁰⁰ PM	WC	8.40	2.68	32.33	3.86/6.22	92	3.1	0/4.99	396	3.2	0/0	12	0/0
1-1-96	7 ⁰⁰ AM	JP3	8.4	2.8	30.2	2.7/6.5	118	3.3	0/25.2	398	3.9	0/0	10	0/0
1-2-96	8 ⁰⁰ AM	DC	8.56	2.76	30.21	2/6	122	3.3	0/5	368	2.2	0/0	9	0/0

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2D-60 strength should be >7% and < 9%

2C-60 outlet should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008532

DAILY PROCESS SAMPLES

Date	Time	Initials	2D-60 INLET	2C-60 OUTLET	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	OF-741 BZ/TOL	OF-741 TOD	OF-711 BZ/TOL
1-2-96	6:30 PM	QuR	—	2.68	—	—	—	3.3	—	—	—	—	—	—
1-3-96	7:30 PM	De	8.32	2.76	30.21	2/5	122	2.7	0/0	878	1.4	0/0	9	0/0
1-3-96	6:30 PM	QuR	—	2.64	—	—	—	2.0	—	—	—	—	—	—
1-4-96	7:30 PM	De	8.0	2.68	30.21	2/37	126	2.6	0/3	638	1.2	0/0	10	0/0
1-4-96	6:30 PM	QuR	—	2.56	—	—	—	3.0	—	—	—	—	—	—
1-5-96	7:00	De	8.16	2.64	30.7	3/20	136	2.2	0/0	958	1.0	8/9	12	0/0
1-6-96	06:30	APB	7.7	2.4	29.6	3/14	131	2.7	0/0	894	1.9	0/0	10	0/0
1-7-96	07:00	APB	7.1	2.4	30.7	42/15.2	121	3.0	0/19	598	4.1	0/0	10	0/0
1-8-96	08:00	De	7.36	2.56	31.8	2/14	98	3.6	14/15	598	5.9	0/0	10	0/0
1-7-96	6:30	SM	—	2.44	—	—	—	1.5	—	—	—	—	—	—
1-8-96	6:30	SM	—	2.4	—	—	—	1.4	—	—	—	—	—	—
1-9-96	7:50	De	7.0	2.36	32.33	2/615	182	3.7	125/5169	958	31.4 (OV)	—	—	—
—	9:00	De	7.0	2.36	32.33	2/615	182	3.7	201/6370	958	31.4 (OV)	—	—	—
—	10:00	—	—	—	—	—	—	—	79/4700	918	25.4 (OV)	—	—	—
1-9-96	7:50 PM	F.L.	—	2.4	—	—	—	2.0	—	—	—	—	—	—
1-10-96	8:00 PM	De	6.36	2.16	30.21	—	146	4.4	—	898	10.3	—	10	—
1-10-96	7:00 PM	CB	—	2.2	—	—	—	3.7	—	—	—	—	—	—
1-11-96	12:00 PM	De	7.0	2.2	31.27	—	142	3.7	—	518	3.2	—	10	—

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2D-60 strength should be >7% and < 9%
 2C-60 outlet should run between 2% and 4 %
 DEA wt % should run between 28 % and 30 %
 2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm
 2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm
 OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm
 (TOC = TOD / 2.7)
 OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008533

DAILY PROCESS SAMPLES

Date	Time	Initials	2D-60 INLET	2C-60 OUTLET	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	OF-741 BZ/TOL	OF-741 TOD	OF-711 BZ/TOL
1-11-96	7:15	SP	—	2.4	—	—	—	3.8	—	—	—	—	—	—
1-12-96	6:30 AM	SP	6.88	2.24	31.27	—	164	3.3	—	558	15.8	—	14	—
1-13-96	7:00 AM	MW	6.24	2.20	30.60	6.3/55	106	2.3	39/5497	378	43	0/71	4	8/191
1-14-96	7:00 AM	MW	6.56	2.24	31.11	9/69	124	2.8	0/862	398	1.7	29/248	8	0/108
1-15-96	7:00 AM	SP	6.56	2.4	30.74	9/16*	139	2.8	4/1041*	358	2.0	0/5*	8	0/9*
1-15-96	2:00 PM	SP	—	—	—	—	—	—	0/134	—	—	—	—	—
1-16-96	8:30 AM	SP	7.96	2.64	30.74	12/73	18	3.5	80/747	498	3.6	—	7	0/11
1-16-96	7:00 AM	SP	—	2.68	—	—	—	2.4	—	—	—	—	—	—
1-17-96	12:30 PM	SP	8.2	2.72	31.27	12/14	199	3.6	—	630	1.9	0/4	4	0/6
1-17-96	7:00 AM	SP	—	2.69	—	—	—	3.1	—	—	—	—	—	—
1-18-96	7:00 AM	SP	8.2	2.76	30.74	7/19	186	3.7	0/207	396	1.3	0/4	10	0/6
1-18-96	7:00 AM	SP	—	2.78	—	—	—	2.8	—	—	—	—	—	—
1-19-96	8:30 AM	SG	(2C35/2C-2A Comp. 3/60)				—	—	—	—	—	—	—	—
1-19-96	11:00 AM	SP	7.48	2.76	29.15	12/18	142	3.8	3/319	634	3.0	0/3	10	0/5
1-19-96	7:30 PM	SP	—	2.48	—	—	—	2.6	—	—	—	—	—	—
1-20-96	7:30 AM	SP	6.8	2.3	28.16	6/104/16	58	4.1	3/181	358	3.0	0/3	4	0/6
1-21-96	6 PM	SP	—	2.4	—	—	—	2.0	—	—	—	—	—	—
1-21-96	7:00 AM	SP	7.2	2.5	29.6	7/93/48	318	3.6	2/199	678	3.2	0/3	11	0/5
1-22-96	7:00 AM	SP	7.92	2.76	30.74	11/4	191	3.2	0/152	406	1.6	0/3	8	0/4

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

- 2D-60 strength should be >7% and <9%
- 2C-60 outlet should run between 2% and 4 %
- DEA wt % should run between 28 % and 30 %
- 2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm
- 2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm
- OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm (TOC = TOD / 2.7)
- OF-711 TOD should be < 15 ppm

* For the past few days we have been having problems with 2C-35 tracking out the purge. This is the reason for the Benzene & Toluene showing up in the 741 and 711 samples. NonCatted 1-15/95

* Combined SCE/OLAN FLOW

CONFIDENTIAL

DO 008534

DAILY PROCESS SAMPLES

Date	Time	Initials	2D-60 INLET	2C-60 OUTLET	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	OF-741 BZ/TOL	OF-741 TOD	OF-711 BZ/TOL
1-23-96	7 ⁰⁰ am	DC	8.0	2.56	31.27	9/16	159	3.6	0/191	449	2.3	0/3	7	0/6
1-24-96	7 ⁰⁰ am	DC	8.2	2.48	30.21	8/25	153	4.4	0/108	478	4.6	1/6	14	0/6
1-25-96	8 ³⁰ am	DC	8.36	2.6	30.74	2/2.3	192	3.2	0/113	708	2.0	0/0	6	0/3
1-26-96	7 ³⁵ am	DC	8.0	2.44	30.74	6/11	158	2.7	0/118	438	1.2	2/0	10	0/6
1-26-96	7 ¹⁵ pm	JP	—	2.5	—	—	—	3.0	—	—	—	—	—	—
1-27-96	7 ³⁰ am	DC	7.6	2.4	27.03	0/23	232	4.8	2/131	556	5.0	2.2/0	4	0/3
1-27-96	2 ⁰⁰ pm	JP	—	2.6	—	—	—	5.0	—	—	—	—	—	—
1-28-96	6 ³⁰ am	DC	8.16	2.44	32.6	0/10.5	140	2.5	0/65	676	2.5	0/2.1	4	—
1-28-96	8 ⁰⁰ am	C12M	—	2.28	—	—	—	3.2	—	—	—	—	—	—
1-29-96	7 ⁰⁰ am	DC	8.12	2.56	31.27	2/27	151	3.5	0/142	591	2.5	2/0	9	0/6
1-29-96	7 ¹⁵ pm	C12M	—	2.2	—	—	—	2.8	—	—	—	—	—	—
1-30-96	8 ⁰⁰ am	DC	8.32	2.48	30.74	4/45	193	6.0	0/130	658	5.2	2/0	6	0/3
1-30-96	6 ¹⁵ pm	JP2	—	2.4	—	—	—	3.2	—	—	—	—	—	—
1-31-96	8:30am	DC	8.48	2.88	31.8	2/19	183	5.3	0/202	690	3.0	3/0.2	7	0/3
1-31-96	6 ¹⁵ pm	JP2	—	2.6	—	—	—	2.2	—	—	—	—	—	—
2-1-96	7 ⁰⁰ am	DC	8.44	2.72	31.27	5/16	194	7.6	0/368	638	1.5	2/0	9	0/0
2-1-96	12 ²⁰ pm	DC	—	2.52	—	—	—	—	—	—	—	—	—	—
2-1-96	7 ¹⁵ pm	JP2	—	2.5	—	—	—	7.5	—	—	—	—	—	—
2-2-96	8 ⁰⁰ am	DC	7.92	2.72	30.74	0/17	156	6.5	0/127	681	4.2	11/6	8	0/6

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2D-60 strength should be >7% and < 9%

2C-60 outlet should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008535

DAILY PROCESS SAMPLES

Date	Time	Initials	2D-60 INLET	2C-60 OUTLET	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	OF-741 BZ/TOL	OF-741 TOD	OF-711 BZ/TOL
2-2-96	12 ³⁰ PM	DC	—	—	—	—	—	—	—	—	—	2/0	—	—
2-2-96	7 ⁰⁰ PM	SM	—	2.4	—	—	—	5.9	—	—	—	—	—	—
2-7-96	09:00	PPH	7.0	2.3	31.1	0/23	68	2.2	0/40	462	2.0	0/12	9	2/25
2-4-96	07:20	PPH	5.9	2.1	29.1	0/21	104	3.5	0/82.5	772	2.2	20/10	6.4	0/0
2-4-96	8 ³⁰	SM	—	2.5	—	—	—	3.5	—	—	—	—	—	—
2-5-96	2 ⁰⁰ PM	DC	5.6	2.68	31.27	0/12	142	6.4	0/93	478	2.1	2/0	6	0/0
2-5-96	6 ¹⁵ PM	SM	—	2.6	—	—	—	4.8	—	—	—	—	—	—
2-6-96	7 ⁰⁰ AM	DC	6.48	2.76	30.74	5/22	172	4.0	0/131	406	2.5	3/0	6	0/0
2-6-96	7 ⁰⁰ PM	DC	—	2.6	—	—	—	4.2	—	—	—	—	—	—
2-7-96	7 ³⁰ AM	DC	6.96	2.56	30.74	7/38	174	5.6	0/97	398	2.0	—	10	0/3
2-7-96	7 ³⁰ PM	DC	—	2.7	—	—	—	4.5	—	—	—	—	—	—
2-8-96	7 ³⁰ AM	DC	6.68	2.64	26.5	0/12	224	5.7	0/88	758	4.6	50/27	11	0/3
	11 ⁰⁰ AM	—	—	—	—	—	—	—	—	—	—	3/0	—	—
2-8-96	8 ³⁰ PM	DC	—	2.6	—	—	—	4.6	—	—	—	—	—	—
2-9-96	7 ⁰⁰ AM	DC	6.48	2.64	27.56	0/89	178	5.7	0/89	718	3.0	18/10	10	0/3
2-10-96	6 ³⁰ AM	SM	5.04	2.48	23.85	4/17	142	3.4	0/72	658	1.2	0/6	14	0/0
2-11-96	6 ¹⁵ PM	SM	5	2.48	25.49	4/20	174	6.3	0/78	518	.5	0/8	12	0/0
2-12-96	7 ³⁰ AM	DC	6.6	2.56	28.09	0/10	148	3.7	0/36	618	3.0	37/14	10	0/4
2-13-96	7 ³⁰ PM	DC	6.88	2.52	28.09	5/17	161	4.6	0/35	478	2.2	11/67	14	0/17

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2D-60 strength should be >7% and < 9%

2C-60 outlet should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008536

DAILY PROCESS SAMPLES

Date	Time	Initials	2D-60 INLET	2C-60 OUTLET	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	OF-741 BZ/TOL	OF-741 TOD	OF-711 BZ/TOL
2-13-96	10:15 AM	MW	—	2.56	—	—	—	4.0	—	—	—	—	—	—
2-14-96	7:30 AM	DC	6.88	2.64	28.62	9/15	172	6.2	0/38	458	2.7	2/8	12	0/11
2-14-96	6:30	MW	—	2.60	—	—	—	4.0	—	—	—	—	—	—
2-15-96	7:30 AM	DC	6.4	2.52	28.09	7/19	78	4.5	0/51	638	2.5	5/3	11	0/19
2-15-96	6:00	MW	—	2.48	—	—	—	2.7	—	—	—	—	—	—
2-16-96	7:30 AM	DC	6.6	2.6	29.15	2/16	177	7.7	0/28	798	2.4	2/0	6	0/15
2-17-96	7:30 AM	DC	4.0?	2.4	28.8	8/15	190	3.9	0/34	858	1.8	0/0	10	0/9
2-18-96	7:30 AM	DC	6.8	2.3	29.0	12/22	174	4.2	0/35	598	2.6	0/0	8	0/12
2-18-96	6:15 PM	JP2	—	2.3	—	—	—	3.4	—	—	—	—	—	—
2-19-96	7:30 AM	DC	7.32	2.52	29.68	5/45	142	4.5	0/27	698	4.0	0/2	6	0/8
2-19-96	7 PM	JP2	—	2.4	—	—	—	3.6	—	—	2.8 ^{dc}	—	—	—
2-20-96	7:30 AM	DC	7.24	2.4	29.68	5/21	178	4.4	0/17	818	2.8	2/0	6	0/6
2-20-96	7:00 PM	SB	—	2.4	—	—	—	4.0	—	—	—	—	—	—
2-21-96	9:00 AM	DC	7.32	2.44	28.09	4/28	170	4.3	0/6	738	3.5	0/3	10	0/10
2-21-96	7:00 PM	SB	—	2.4	—	—	—	4.4	—	—	—	—	—	—
2-22-96	9:00 AM	DC	7.08	2.36	29.15	3/23	139	4.4	0/16	758	3.6	0/5	8	0/13
2-22-96	7 PM	JP	—	2.4	—	—	—	4.2	—	—	—	—	—	—
2-23-96	7 AM	JP2	7.0	2.2	28.8	0/27	190	5.0	2/0	518	4.5	0-110	10	0-3
2-23-96	7 PM	JP	—	2.3	—	—	—	4.6	—	—	—	—	—	—

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

- 2D-60 strength should be >7% and < 9%
- 2C-60 outlet should run between 2% and 4 %
- DEA wt % should run between 28 % and 30 %
- 2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm
- 2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm
- OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm
- (TOC = TOD / 2.7)
- OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008537

DAILY PROCESS SAMPLES

Date	Time	Initials	2D-60 INLET	2C-60 OUTLET	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	OF-741 BZ/TOL	OF-741 TOD	OF-711 BZ/TOL
2-24-96	7 AM	JPZ	7.0	2.24	28.08	0/58	118	4.5	0/39	711	3.1	2/0	6	0/7
2-24-96	7:30	JPZ	—	2.4	—	—	—	4.6	—	—	—	—	—	—
2-25-96	6:30 PM	JPZ	7.6	2.24	26.5	11/25	126	3.6	0/52	838	3.0	3/0	8	0/17
2-25-96	6:30 PM	CRM	—	2.24	—	—	—	3.2	—	—	—	—	—	—
2-26-96	7:00 PM	JPZ	7.52	2.4	29.15	12/27	158	3.2	2/84	578	3.8	2/0	10	0/10
2-26-96	9:00 PM	CRM	—	2.24	—	—	—	2.9	—	—	—	—	—	—
2-27-96	7:00 PM	JPZ	7.52	2.4	29.15	7/46	282	3.9	0/57	998	3.8	8/3	10	0/11
	11:00 PM	JPZ	—	—	—	—	—	—	—	950	—	—	—	—
	9 PM	JPZ	—	—	—	—	—	—	—	1058	—	—	—	—
2-28-96	7:00 PM	JPZ	7.24	2.28	29.15	7/26	167	3.7	0/30	870	2.5	3/0	11	13/3
2-29-96	7:30 PM	JPZ	7.28	2.4	29.68	2/21	108	3.1	0/39	1190	4.3	95/56	9	0/10
	10:30 PM	JPZ	—	—	—	—	—	—	—	1262	—	—	—	—
	11:00 PM	JPZ	—	—	—	—	—	—	—	1028	—	—	—	—
3-1-96	7:30 PM	JPZ	6.88	2.52	29.68	8/20	190	3.9	0/14	1056	3.5	0/5	14	0/12
3-1-96	3:00 PM	JPZ	—	—	—	—	—	—	—	1218	—	—	—	—
3-1-96	4:00 PM	JPZ	—	2C-35 Combined Flow	—	—	—	—	—	338	—	—	—	—
3-1-96	7:00 PM	MW	—	2.52	—	—	—	2.5	—	358	—	—	—	—
3-2-96	0700	BPB	6.5	2.2	27.5	11/26	134	3.5	0/19	1388	2.6	15/10.5	9.6	0/0
3-2-96	6:30	MW	—	2.44	—	—	—	2.5	—	278	—	—	—	—

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

- 2D-60 strength should be >7% and < 9%
- 2C-60 outlet should run between 2% and 4 %
- DEA wt % should run between 28 % and 30 %
- 2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm
- 2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm
- OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm (TOC = TOD / 2.7)
- OF-711 TOD should be < 15 ppm

3-2-96 C. COMBINED
3-2-96 "

416 @ 08:40
358 at 14:50

CONFIDENTIAL

DO 008538

DAILY PROCESS SAMPLES

Date	Time	Initials	2D-60 INLET	2C-60 OUTLET	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	OF-741 BZ/TOL	OF-741 TOD	OF-711 BZ/TOL
3-3-96	06:45	RPB	5.2	2.2	29.0	78/191	191	4.3	0/12.7	778	1.0	2.3/12	11	0/0
3-3-96	14:45	RPB	2C-35		Combined					318				
3-3-96	7:00	MW		2.52				3.2						
3-4-96	7:00am	RPB	7.32	2.52	29.68	12/18	188	3.8	2/80	706	4.6	0/0	9	0/0
3-4-96	7:00am	RPB	2C-35/WW Combo						11/39/B	264	4.6			
3-4-96	6:30am	MW		2.48				4.0						
3-5-96	7:00am	RPB	7.48	2.64	29.68	13/21	177	4.8	0/11	518	2.7	0/0	10	0/0
3-5-96	7:00am	RPB	2C-35/WW Combo						12/32/6	221	3.7			
3-5-96	7:00am	RPB		2.5				4.2						
3-6-96	7:00am	RPB	7.88	2.76	29.15	9/26	162	3.8	0/18	518	1.8	3/0	10	0/0
3-6-96	6:30am	RPB		2.45				4.0						
3-7-96	7:00am	RPB	7.92	2.8	28.09	10/28	158	5.9	0/9	498	4.0	3/0	10	0/0
3-7-96	6:00pm	RPB		2.6				3.8						
3-8-96	7:00am	RPB	7.28	2.72	28.09	7/19	146	5.3	0/11	518	4.8	2/0	7	0/0
	10:00am	RPB					240							
3-9-96	7:00am	RPB	7.12	2.8	24.48	6/18	134	6.0	6/11	478	6.5	0/0	10	0/0
3-10-96	6am	SM	6.16	2.44	26.5	3/20	110	5.5	0/53	466	3.7	0/0	10	0/0
3-11-96	7:00am	RPB	7.08	2.4	28.62	4/20	102	4.4	0/39	398	4.0		6	

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2D-60 strength should be >7% and < 9%

2C-60 outlet should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

3-7-96 - 7 COMBINED. 350 TOD. 06:45
11 12-7.7
Tol. - 3914 10:00

CONFIDENTIAL

DO 008539

DAILY PROCESS SAMPLES

Date	Time	Initials	2D-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL EBZ	2C35 TOD	2C35 O&G	2C35/WW TOD	2C35/WW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	EPA-741 O&G	OF-711 BZ/TOL	EPA-711 O&G
3-11-96	7 ⁰⁰ AM	De	7.08	2.4	28.62	4/20	102	4.4	0/39	598	4.0			10/6	6	0	0/0	1.5
3-12-96	9 ⁰⁰ AM	De	7.24	2.4	28.62	3/21	149	2.8	0/40	398	1.7			2/0	6		0/0	
* 3-13-96	7 ³⁰ AM	De	6.92		29.15	3060 7293	96	15.7	3758 2359	478	19.15			19/4			53/59	
* 3-14-96	8 ⁰⁰ AM	De	7.04	2.84		2944 2647	192	10.5										
	8 ⁴⁵ AM	De										513						
	11 ³⁰ AM	De									Combo 13.2	478	15.73-2.19 203.2	7/36	8		3/23	
	2 ⁴⁵ PM	MS										Combo	677-2791 2505					
3-15-96	6 ³⁰ AM	De				98/117/54						Combo	141/166/100					
	7 ³⁰ AM	De	6.92	2.84	28.09		142	5.5	9/116	638	4.4	2.66			14			
	6 ³⁰ PM	SPZ		2.72									140/160/100					
3-16-96	6 ³⁰ AM	SPZ	10.0	2.8	27.6		118	2.2	37/24/20	1678	3.0			0/0	4		0/4	
	9 PM	SPZ		2.9		44/270		4.9	31273									
3-17-96	12 ⁰⁰ AM	SPZ				23/116												
3-17-96	7 ⁰⁰ AM	De	5.6	3.0	28.16	9/322	158	4.2	7/262/180	578	4.0			4/0	12		5/0/3	
	7 PM	SPZ		2.9		10/142	58	1.2										
3-18-96	7 ³⁰ AM	De	6.32	3.16	27.56	13/77	122	4.6	2/133	758	2.8			4/0	14		0/0	
	7 PM	SPZ		3.0			120	2.2										
3-19-96	8 ⁰⁰ AM	De	6.56	2.96	29.15	* ^{ecc} off set page	156	5.0	0/114	558	2.9			0/0	13		0/0	
	12 ³⁰ AM	De							0/94									

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2D-60 strength should be >7% and < 9%

2C-60 outlet should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

F-711 TOD should be < 15 ppm

* Plant shut down - Power failure.

S = Stair

* * - Residual from 2C-35 sample.

• - W/W TO EAU opps North of 20-33

CONFIDENTIAL

DO 008540

DAILY PROCESS SAMPLES

Date	Time	Initials	2D-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	2C35/WW TOD	2C35/WW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	MON		EPA-711 O&G	EPA-711 BZ/TOL	EPA-711 O&G
3-19-96	2 ⁰⁰ PM	LC				0/10														
3-20-96	7 ⁵⁰ AM	LC	6.28	2.88	29.15	8/26/3	146	7.8	0/35	518	3.1			2/0	10			0/0		
3-21-96	8 ³⁰ AM	LC	7.4	3.08	28.62	0/39	118	3.6	0/70	638	1.3			2/0	10			0/11		
	11 ⁰⁰ AM	LC		3.2																
	11 ³⁰ AM	LC		2.8																
	11 ⁴⁵	ALC		1.96																
	11 ⁵²			1.04																
	12 ⁰⁴			.52																
	12 ¹⁴			.2																
	12 ²³			-1.4																
	12 ³⁰			-0.04																
	12 ⁴²			1.2																
	12 ⁵⁵			2.24																
	1 ¹⁵			3.2																
	2 ⁰⁰			3.96																
	2 ⁴⁰			3.68																
3-22-96	6 ⁰⁰	PR				7/48/32														
3-22-96	7 ³⁰	LC	7.56	3.44	29.15	7/41/26	146	4.4	0/80	558	2.0			0/0	10			0/0		
3-22-96	7 ³⁰ PM	LC		3.2				4.0												

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2D-60 strength should be >7% and < 9%

2C-60 outlet should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008541

N:\Catlett\Datalog.doc

8/1/95

DAILY PROCESS SAMPLES

ID	Time	Initials	2D-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C35 BZ/TOL	2C35 TOD	2C35 O&G	2C35/WW TOD	2C35/WW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	MON		MON	
																EPA-741 O&G	OF-711 BZ/TOL	EPA-711 O&G	OF-711 BZ/TOL
3-23-96	6:30 AM	WG	6.60	2.68	30.74	6.3/41.9	10.9	11.3	0/41.6	836	3.0	—	—	255/0	8.0	—	0-11.78	—	—
3-23-96	7:40 PM	ZL	—	2.5	—	—	—	8.2	—	—	—	—	—	—	—	—	—	—	—
3-24-96	6:30 AM	WG	6.80	2.52	31.90	7.3/31.3	10.0	9.8	0/43.07	10.7	3.5	—	—	0/0	8.0	—	0/9.6	—	—
3-24-96	7:30 PM	CHM	—	2.5	—	—	—	3.5	—	—	—	—	—	—	—	—	—	—	—
3-25-96	7:30 AM	De	6.4	2.26	29.68	14/39/16	1.35	3.6	0/35/31	638	3.1	—	—	0/0	10	—	0/9	0	—
3-25-96	8:00 PM	CHM	—	2.2	—	—	—	3.6	—	—	—	—	—	—	—	—	—	—	—
3-26-96	9:00 AM	De	7.16	2.84	29.68	9/16.4	—	4.2	0/18	—	3.1	—	—	0/0	13	—	0/0	—	—
3-26-96	7:40 PM	De	—	2.84	—	—	—	4.2	—	—	—	—	—	—	—	—	—	—	—
3-27-96	7:40 AM	De	7.36	2.76	29.68	0/9	120	3.8	0/28	570	5.0	—	—	39/16	10	—	0/0	—	—
3-27-96	11:50 AM	De	—	—	—	—	—	—	—	—	—	—	—	2/0	—	—	—	—	—
3-27-96	6:30 PM	De	6.88	2.72	32.73	0/11	118	3.7	0/29	750	1.9	—	—	5/4	10	—	0/0	—	—
3-27-96	6:30 PM	De	—	2.76	—	—	—	4.9	—	—	—	—	—	—	—	—	—	—	—
3-29-96	07:30	APB	6.36	2.44	29.1	7.9/28	106	3.6	0/15	704	1.6	—	—	15/10	11.6	—	0/8.1	0/11.1	—
3-29-96	7:00 PM	MW	—	2.88	—	—	—	7.0	—	—	—	—	—	—	—	—	—	—	—
3-30-96	07:00	APB	6.5	2.7	29.6	107/181	104	3.4	33/31	738	2.7	—	—	31/0	14.4	—	0/6.5	—	—
3-30-96	8:00	MW	—	2.76	—	—	—	11.4	—	—	—	—	—	—	—	—	—	—	—
3-31-96	06:30	APB	6.8	2.8	29.1	60/107	72.4	2.9	3.6/0.6	12.86	6.8	—	—	2.4/0	10.8	—	0/5.6	—	—
3-31-96	7:00 PM	MW	—	3.12	—	—	—	2.9	—	—	—	—	—	—	—	—	—	—	—

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2D-60 strength should be >7% and < 9%

2C-60 outlet should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008542

DAILY PROCESS SAMPLES

Date	Time	Initials	2D-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C-35 TOD	2C-35 O&G	2C35/WW TOD	2C35/WW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	EPA-741 O&G	OF-711 BZ/TOL	EPA-711 O&G
4-1-96	8:34 AM	De	8.0	3.2	29.68	114/277	145	5.3		838	4.0			4/4	10	12	0/8	0
	12:30 PM	De				65/196												
4-1-96	10:30 PM	MW		2.16				5.5										
4-2-96	7:30 AM	De	7.32	3.04	30.74	8/26/6	185	7.0	0/11	698	4.2			0/0	6		0/4	
4-2-96	6:40 PM	De						6.0										
4-2-96	8:45 PM	De							0/27									
4-3-96	7:00 AM	De	7.88	2.88	31.8	10/25/6	204	4.8	0/19/15	758	4.2			2/0	10		0/5	
4-3-96	18:30	ROB		2.8				1.7										
4-4-96	6:30 AM	WJ	9.12	2.94	31.80	9/29/6	110.64	5.9	1/30/22	716	2.4			0/0	8		0/4.84	
4-4-96	19:00	APB		3.2				1.8	0/11/14	566								
4-5-96	6:15	WJ	7	3.2	27.54	9/20/6	118	1.3	37/20	518	2.3			0/0	10		0/5	
4-5-96	7:00 PM	WJ		3.2				1.5										
4-6-96	5:30 AM	SAM	7.44	3.08	29.68	7/16/12	118	1.3	4/11/18	518	1.1			5/0	12		0/9.9/5.9	
	11 AM	SAM				62/134/4	94	5.7										
4-6-96	7:00 PM	SB		3.0				4.2										
4-7	5:00 AM	SAM	8.08	3.16	29.68	7/15/3	100	1	1/27/52	653	.5			2.2/-	7.3		0/1.9/5.6	
4-7-96	5:00 PM	SB		3.2				3.6	1/16/142									
4-8-96	7:30 AM	De	8.72	3.3	35.5	7/19/4	143	2.7	0/97/95	1814	1.6			18/4	3	0	0/4	0
	11:15 AM	WJ								798								

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2D-60 strength should be >7% and < 9%

2C-60 outlet should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008543

N:\Catlett\Datalog.doc

8/1/95

DAILY PROCESS SAMPLES

																MON	MON	
Date	Time	Initials	2D-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	2C35/WW TOD	2C35/WW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	EPA-741 O&G	OF-711 BZ/TOL	EPA-711 O&G
4-8-96	7 ⁰⁰	SD		3.2				3.3										
4-9-96	7 ³⁰ AM	DC	8.48	3.16	29.48	6/18/4	134	3.0	0/38/28	866	2.0			0/0	9		0/8	
4-9-96	6:30	MW		3.14				1.7										
4-10-96	7:30 AM	DC	8.16	3.08	31.27	6/17/4	123	1.9	0/24/20	646	1.0			8/4	8		0/4	
4-10-96	6:45 PM	MW		3.08				2.5										
4-11-96	8:00 AM	DC	8.28	2.8	32.33	2/1/3	124	2.0	0/24/21	734	2.7			0/0	8		0/3	
4-11-96	6:30 PM	MW		3.0				1.5										
4-12-96	7:30 AM	DC	8.28	3.2	31.27	6/14/3	118	2.8	0/15/13	718	1.3			3/0	9		0/0	
4-12-96	6 ⁰⁰ PM	SP2		3.1				4.7										
4-12-96	1:25 PM	RD	7.4	3.0	28.1	3/7/15	114	1.2	0/28	398	.9			112/82	14		0/3.5	14
4-13-96	7 ⁰⁰ PM	SP2		2.9				.9										
4-14-96	5 ⁰⁰ PM	RD	7.7	2.7	24.8	8/1/32	110	1.8	0/23	398	1.5			166/141			6.8/9.6	18
4-14-96	6 ⁰⁰ PM	SP2		2.64				1.4						193/170				
4-15-96	7 ³⁰ AM	DC	8.28	2.72	31.8	6/15	122	2.6	0/19	698	0.4			134/123	16	.3	0/0	1.1
4-16-96	9 ³⁰ AM	DC	7.84	2.52	32.33	3/17	108	5.6	0/15	624	1.4			0/0	12		0/0	
4-17-96	8 ¹⁵ AM	DC	8.04	2.64	30.74	7/12	110	2.5	0/13	878	1.4			0/0	11		0/0	
4-18-96	8 ⁰⁰ AM	DC	8.0	2.6	31.8	5/18	111	4.2	0/11	802	2.9			0/0	18		0/0	
4-19-96	8 ⁰⁰ AM	DC	7.64	2.72	31.27	9/21	110	3.4	0/23	758	1.7			0/0	14		0/6	
4-19-96	7 ⁴⁵ PM	SP2		2.8				4.0										

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2D-60 strength should be >7% and < 9%

2C-60 outlet should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008544

DAILY PROCESS SAMPLES

Date	Time	Initials	2D-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	2C35/MW TOD	2C35/MW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	MON	MON	EPA-711 O&G	
																EPA-741 O&G	OF-711 BZ/TOL		
4-20-96	7:00 AM	JP	2.04	2.4	27.8	7/13	68	1.7	0/17	676	1.8			0/0	10		9/3		
4-20-96	7:00 PM	JP	-	2.4	-	-	-	3.5	-	-	-	-	-	-	-	-	-	-	-
4-21-96	7:00 AM	JP	8.16	2.72	30.6	8/14	44	2.3	0/11	636	1.5			5/3	8		0/3		
4-21-96	7:00 PM	JP		2.48				3.5											
4-22-96	8:15 AM	JP	7.44	2.56	32.3	9/15	103	5.3	0/13	676	3.2			0/0	10		0/0	.7	
4-22-96	7:00 PM	JP		2.48			1036	1.2											
4-23-96	8:30 AM	JP	8.0	2.64	31.8	13/21	114	2.1	0/31/16	1158	2.0			12/2/6	11		0/4		
	10:30 AM	JP								1080									
	12:15 PM	JP								1046									
	1:45 PM	JP												0/0/0					
	2:25 PM	JP								1158									
	3:45 PM	JP					198												
	6:15 PM	JP2		2.6			102	4.2		1238									
	9:15 PM	JP2					174												
	11:30 PM	JP2					110												
	2:00 PM	JP2								916									
4-24-96	1:00 PM	JP2					106												
4-24-96	8:30 AM	JP	8.72	2.64	31.27	6/14	122	4.0	0/16	1220	.7			0/0	11		0/3		
	11:00 AM	JP					148												

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2D-60 strength should be >7% and < 9%

2C-60 outlet should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008545

N:\Catlett\Dialog.doc

8/1/95

DAILY PROCESS SAMPLES

Date	Time	Initials	2D-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C-35 TOD	2C-35 O&G	2C35/MW TOD	2C35/MW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	MON	
																EPA-741 O&G	EPA-711 BZ/TOL
4-24-96	2 ⁰⁰ PM	SB					118										
	5 ⁰⁰ PM	SB					158										
	7 PM	JPZ		2.6			86	1.1									
	10 ⁵⁵	JPZ					102										
	3 ⁴⁵	JPZ					110										
4-25-96	7 ²⁵ AM	JPZ	8.48	2.88	29.15	7/10	140	1.2	0/12/8	990	0			5/4/9	10		0/5
	12 ⁰⁰ PM	JPZ												0/0			
	1 ⁰⁵ PM	JPZ		2.7			118	1.1									
	10 ¹⁵	JPZ					128			800							
4-26-96	2 ⁰⁰ PM	JPZ					140										
	5 ⁰⁰ PM	JPZ															
4-26-96	8 ¹⁵ AM	JPZ	8.72	2.72	30.74	8/12	114	2.0	0/12/9	638	1.2			0/0	10		0/4
4-25-96	7:15 PM	MW		2.92			110	1.7									
4-27-96	06:45	APP	7.6	2.6	28.6	6/14/1	136	2.2	0/1/7.8	508	1.9			0/0	10		0/3.6
4-27-96	6:30	MW		2.80				2.0									
4-27-96	07:00	APP	8.0	2.5	30.2	7/10	118	2.8	0/2/4.4	422	1.2			0/0	7.6		0/0
4-28-96	6:30	MW		2.92				3.5									
4-29-96	7:30 AM	JPZ	8.84	2.88	31.8	7/10	165	2.5	0/20	470	.7			0/0	9	0	0/4
4-29-96	6:30 PM	MW		2.80				2.5									

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2D-60 strength should be >7% and < 9%

2C-60 outlet should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

N:\Catlett\Dialog.doc

8/1/95

DO 008546

DAILY PROCESS SAMPLES

Date	Time	Initials	2D-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C35 BZ/TOL	2C35 TOD	2C35 O&G	2C35/WW TOD	2C35/WW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	MON	
																EPA-741 O&G	EPA-711 O&G
4-30-96	7 ³⁰ AM	De	8.44	2.88	30.74	6/10	164	4.3	0/45/13	1078	2.0			0/0	7		0/0
4-30-96	7 ¹⁵ PM	De	—	2.7	—	—	—	4.5	—	—	—	—	—	—	—	—	—
5-1-96	7 ³⁰ AM	De	6.88	2.64	32.2	8/10	118	2.4	0/26/9	638	1.4			2/0	10		—
5-1-96	6 ³⁰ PM	De	—	2.8	—	—	—	2.6	—	—	—	—	—	—	—	—	—
5-2-96	7 ³⁰ AM	P.H.	7.88	2.72	30.09	6.0/7.8	104	2.2	0/9/4	700	.8			0/0	10	—	0/4
5-2-96	7 ¹⁵ PM	P.H.	—	2.5	—	—	—	2.0	—	—	—	—	—	—	—	—	—
5-3-96	6 ³⁰ AM	SM	7.04	2.56	30.21	8/8	126	2	0/11/10	678	.7			0/0	18	—	0/3.3
5-3-96	7 ¹⁵ PM	P.H.	—	2.7	—	—	—	2.5	—	—	—	—	—	—	—	—	—
5-4-96	6 AM	SM	7.2	2.28	28.62	7/6	96	2	0/8/4	758	.8			0/0	10	—	0/3.3
5-4-96	7 ¹⁵ PM	P.H.	—	2.8	—	—	—	2.5	—	—	—	—	—	—	—	—	—
5-5-96	6 AM	SM	6.4	2.52	30.21	8/5	2000	21.3	0/52/2	698	.2			0/0	10	—	0/0
5-5-96	7 ⁰⁵ PM	P.H.	—	2.8	—	—	178	2.0	—	—	—	—	—	—	—	—	—
5-6-96	9 ⁰⁰ AM	De	7.8	2.68	31.8	6/7	156	1.8	0/29/27	560	0			0/0	10	0	0/3
5-6-96	7 ¹⁵ PM	P.H.	—	2.9	—	—	182	7.6	—	—	—	—	—	—	—	—	—
5-7-96	7 ³⁰ AM	De	8.24	2.92	31.8	6/8	147	2.5	0/10	678	2.3			0/0	7	—	0/0
5-8-96	7 ³⁰ AM	De	8.0	2.92	30.2	6/9	168	3.1	0/14	662	2.0			0/0	9	—	0/3
	10 ¹⁵ AM	De	—	—	—	—	260	3.7	—	—	—	—	—	—	—	—	—
5-8-96	7:30 PM	MW	—	2.96	—	—	—	2.3	—	—	—	—	—	—	—	—	—
5-9-96	7 ³⁰ AM	De	8.52	3.0	31.27	8/8	126	3.5	0/13	638	2.4			0/0	8	—	0/3

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2D-60 strength should be >7% and < 9%

2C-60 outlet should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

N:\Catlett\Datalog.doc

8/1/95

CONFIDENTIAL

DO 008547

DAILY PROCESS SAMPLES

MON MON

Date	Time	Initials	2D-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-36 BZ/TOL	2C36 TOD	2C36 O&G	2C36/WW TOD	2C36/WW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	EPA-741 O&G	OF-711 BZ/TOL	EPA-711 O&G
5-9-96	7:30 PM	MW	—	3.04	—	—	—	1.8	—	—	—	—	—	—	—	—	—	—
5-10-96	7:15 AM	De	8.04	2.96	31.27	7/8	184	1.1	0/14	582	0	—	—	0/0	10	—	0/0	—
5-11-96	6:45 AM	De	7.9	2.9	31.8	6/8	132	1.8	0/13	628	.3	—	—	0/0	8	—	0/0	—
5-12-96	8:15 AM	De	6.6	2.9	29.7	5/7	146	3.1	0/10	578	1.9	—	—	0/0	6	—	0/0	—
5-12-96	6:38 AM	De	—	2.8	—	—	184	—	—	—	—	—	—	—	—	—	—	—
5-13-96	7:15 AM	De	8.2	2.92	31.8	7/10	658	2.4	0/13	630	3.4	—	—	0/0	6	3.5	0/0	1.5
5-13-96	6:30 AM	De	—	2.84	—	—	150	—	—	—	—	—	—	—	—	—	—	—
5-14-96	7:00 AM	De	8.36	2.96	31.8	7/9	141	5.4	0/9	694	6.0	—	—	0/0	6	1.8	0/0	1.5
5-14-96	7:00 PM	De	—	2.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5-15-96	7:00 AM	De	7.84	2.84	29.15	4/4	110	—	0/34	558	—	—	—	0/0	6	—	0/3.3	—
5-15-96	7:00 PM	De	—	3.0	—	—	118	4.2	—	—	—	—	—	—	—	—	—	—
5-16-96	8:00 AM	De	6.48	2.76	31.8	11/14	194	11.9	0/20	566	7.0	—	—	0/0	8	—	0/0	—
5-16-96	1:45 PM	De	—	2.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5-16-96	7:00 PM	De	—	2.8	—	—	—	3.9	—	—	—	—	—	—	—	—	—	—
5-17-96	11:00 AM	De	8.36	3.04	31.8	—	232	9.7	—	1080	1.4	—	—	—	8	—	—	—
5-17-96	7:45 PM	De	—	2.7	—	—	—	4.0	—	—	—	—	—	—	—	—	—	—
5-18-96	7:00 AM	De	8.6	2.9	29.5	17/36	156	6.0	1/16	1000	1.5	—	—	1/2	3	—	1/7	1.5
5-18-96	7:30 PM	De	—	2.8	—	—	—	4.2	—	—	—	—	—	—	—	—	—	—
5-19-96	6:30 AM	De	8.7	3.1	30.1	17/33	126	5.6	1/13	1078	1.2	—	—	0.6/2	6	—	0/9	0

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

- 2D-60 strength should be >7% and < 9%
- 2C-60 outlet should run between 2% and 4 %
- DEA wt % should run between 28 % and 30 %
- 2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm
- 2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm
- OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm (TOC = TOD / 2.7)
- OF-711 TOD should be < 15 ppm

* Soaked Method

5/18/96. TPA 2.2% @ LHC III

DAILY PROCESS SAMPLES

																MON	MON	
Date	Time	Initials	2D-60 INLET	2C-60 OUT	DEA WTK	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	2C35/WW TOD	2C35/WW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	EPA-741 O&G	OF-711 BZ/TOL	EPA-711 O&G
5-19-96	7:00	CRH		3.07				1.2										
5-20-96	12:30 PM	P.H.	8.2	3.0	27.9		182	2.9			1.5	592			14			
5-20-96	6:00 AM	SL		3.06				5.1										
5-21-96	11:00 AM	DC	8.4	2.92	31.8		194	4.7		938	1.3				10	6		2
5-22-96	8:30 AM	DC	8.6	2.88	32.86	5/23/3	158	6.1	0/15	922	2.3			0/0	10		0/0	
5-23-96	7:00 AM	DC	8.2	2.92	29.68	5/20/3	174	4.5	0/17	914	1.6			0/0	8		0/5	
5-24-96	07:00	APB	7.0	2.8	29.68	5/16/0	132	5.1	0/19	631	1.4			0/0	10.8		0/7	
5-24-96	7:00 PM	MW						1.7										
5-25-96	06:45	APB	8.5	2.8	29.6	5/17/0	118	2.6	0/19	794	1.9			0/0	6.8		0/8	
5-26-96	07:30	APB	8.4	2.9	31.2	5/21/0	244	5.6	0/13	966	1.4			0/0	6		0/45	
5-26-96	6:00 PM	SM		2.85				2.7							10			
5-27-96	7:00 AM	BLS	8.32	2.20	30.6	0/6/12	142	5	0/2/12	1038	1.5			0/0			0-0	
5-27-96	6:30 PM	MW		2.96				2.3										
5-28-96	7:30 AM	DC	8.4	2.96	31.8	4/23/4	114	3.5	0/11	798	2.0			0/0	10		0/10	
5-28-96	7:45 PM	SL		2.8				2.5										
5-29-96	7:30 AM	DC	8.36	3.44	31.8	5/15/3	180		0/21/12	678				0/0	8		0/7	
	12:30 PM	DC		3.32														
	2:15 PM	SL							2/13/6	678								
5-29-96	6:45 PM	SL		3.04				2.6										

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2D-60 strength should be >7% and < 9%

2C-60 outlet should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008549

DAILY PROCESS SAMPLES

Date	Time	Initials	2D-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-36 BZ/TOL	2C36 TOD	2C36 O&G	2C36/MW TOD	2C36/MW BZ-TOL EBZ	OF-741 BZ/TOL	OF-741 TOD	MON	
																EPA-741 O&G	EPA-711 O&G
5-30-96	7 ⁰⁰ AM	De	8.6	3.0	30.74	3/11/3	178	2.4	0/11/6	758	.9			16/9	9		2/9
5-31-96	6 ³⁰ PM	De	—	3.0	—			2.8									
5-31-96	7 ¹⁵ PM	De	8.72	2.84	30.74	5/13/4	186	5.0	0/12/6	638	1.0			0/0	6		0/11
5-31-96	8 ⁵⁴ PM	De	—	2.8	—			3.4									
6-1-96	6 ⁰⁰ AM	Sam	8.23	2.64	30.21	3/14/3	138	2.8	0/9/4	748	.7			0/0	8		0/12
6-1-96	7 ⁰⁰ PM	De	—	2.8	—			3.3									
6-2-96	7:00 AM	MW	7.72	2.62	31.62	4/11/3	174	3.5	0/11/5	598	.5			0/0	6		0/9.7
6-2-96	6:30 AM	De	—	2.7	—			3.2									
6-3-96	8 ⁰⁰ AM	De	8.24	2.76	30.2	2/19/24	180	3.8	0/45/21	638	1.5			4/0	6	0.2	0/12
6-3-96	6:30 PM	De	—	2.9	—			4.6									
6-4-96	7 ³⁰ AM	De	8.6	2.8	30.74	5/19/3	192	6.8	0/16/11	738	.8			0/0	7		1/16
6-4-96	6:45 PM	MW		2.92				4.0									
6-5-96	7 ⁰⁰ AM	De	8.64	2.88	30.74	0/1/6	102	7.3	0/1/0	650	1.8			0/0	10		0/1
6-5-96	6:30 PM	MW		2.92				2.3									
6-6-96	7 ⁰⁰ AM	De	8.84	2.92	32.86	5/15/4	96	7.1	0/24/7	418	.4			3/0	10		3/21
6-6-96	6:45 PM	MW		2.88				4.5									
6-7-96	7:00 AM	De	8.68	2.96	30.74	4/15/4	184	6.7	0/12/7	478	1.0			0/0	6		0/15
6-7-96	7:00 PM	De		2.8				4.4									
6-8-96	8 ⁰⁰ AM	De	8.0	2.8	26.6	4/16	58	4.3	1/6	360	1.9			0/0	4		5/13

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2D-60 strength should be >7% and < 9%

2C-60 outlet should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-36 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008550

DAILY PROCESS SAMPLES

Date	Time	Initials	2D-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	2C35/WW TOD	2C35/WW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	MON	
																EPA-741 O&G	EPA-711 BZ/TOL
6-2-96	7:30 AM	JS	—	2.88	—	—	—	4.2	—	—	—	—	—	—	—	—	—
6-9-96	7:30 AM	SB	7.8	2.9	30.7	2/19/3	78	5.0	0/9/6	478	.8	—	—	0/0	6	—	6/14
	6:00 PM	SDZ	—	2.8	—	—	—	4.6	—	—	—	—	—	—	—	—	—
6-10-96	7:00 AM	DC	8.68	2.8	30.74	4/14/4	174	5.8	0/7/4	428	.6	—	—	4/4	6	0	1/20
6-11-96	7:30 AM	DC	8.68	2.84	30.74	5/14/5	174	6.4	0/7/3	558	1.0	—	—	0/0	6	—	0/15
6-11-96	8:30 AM	RH	—	2.8	—	—	—	6.6	—	—	—	—	—	—	—	—	—
6-12-96	7:00 AM	DC	8.76	2.8	31.27	3/19/4	164	7.0	0/26/4	358	.8	—	—	0/0	6	—	0/23
6-18-96	8:30 AM	RH	—	2.9	—	—	—	6.8	—	—	—	—	—	—	—	—	—
6-13-96	12:30 PM	DA	8.12	2.48	30.24	4/9/4	182	5.3	0/11/6	494	1.5	—	—	0/0	4	—	0/17/4
6-13-96	8:00 PM	RH	—	2.7	—	—	—	6.1	—	—	—	—	—	—	—	—	—
6-14-96	7:00 AM	DA	8.28	2.56	31.27	3/16/4	158	6.6	0/7/4	478	.9	—	—	11/9/4	10	—	0/13/5
6-14-96	19:30	RRB	—	2.4	—	—	—	7.9	—	—	—	—	—	—	—	—	0/13/5
6-15-96	7:35	WGC	8.16	2.38	30.24	4/13/4	162	11.7	0/10/4	558	1.2	—	—	0	6.0	—	0/17/7
6-15-96	19:30	ARR	—	2.4	—	—	—	6.7	—	—	—	—	—	—	—	—	—
6-16-96	8:20	WGC	7.68	2.44	32.86	3/14/5	78	14.2	0/10/4	518	3.2	—	—	0	4.0	—	0/14/6
6-16-96	7:00 PM	CRH	—	2.78	—	—	—	3.5	—	—	—	—	—	—	—	—	—
6-17-96	7:00 AM	MW	6.76	2.44	32.64	4/13/5	78	7.5	7/6/3	778	.7	—	—	0/0	6	0	2/15/6
6-17-96	8:30 PM	CRH	—	2.48	—	—	—	5.4	—	—	—	—	—	—	—	—	—
6-18-96	7:30 AM	DC	7.96	2.52	31.27	5/14/6	165	8.2	0/7/3	776	.2	—	—	0/0	4	—	0/20/8

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2D-60 strength should be >7% and < 9%

2C-60 outlet should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008551

DAILY PROCESS SAMPLES

Date	Time	Initials	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	2C35/NW TOD	2C35/NW BZ-TOL-EBZ	MON		MON	
														OF-741 BZ/TOL	OF-741 TOD	EPA-741 O&G	OF-711 BZ/TOL
6-18-96	7 ¹⁵ pm	JJZ		2.6				5.2						0/0	6		0/23/5
6-19-96	7 ³⁰ am	OC	8.84	2.8	30.2	5/15/5	96	8.3	0/1/3	578	1.8						
6-19-96	6 ⁰⁰ am	JJZ		2.7				6.0									
6-20-96	6:45 AM	MW	7.64	2.8	32.44	4/14/4	180	6.5	0/6/9	578	1.0			0/0	2		0/24/9
6-20-96	6:30 pm	PUR		3.0				4.9									
6-21-96	6 am	CB	7.2	3.1	30.7	3/18/5	38	4.9	0/6/3	638	2.3			0/0	2		0/28/10
6-21-96	6:45 pm	MW		2.64				5.3									
6-22-96	07:10	RPA	8.5	2.5	29.68	0/15/5	31.3	6.6	0/1/10	938	2.0			0/0	2		0/21
6-22-96	6:30 PM	MW		2.60				7.5									
6-23-96	6 ⁰⁰ am	CRN	7.16	2.04	30.21	3/15	128	13.5	0/5/6	371	2.1			0/0	2		0/24
6-23-96	6:45 AM	MW		2.56				7.6									
6-24-96	7:30 am	DR	8.89	2.56	29.15	5/17/7	97	10.6	0/14/6	510	1.6			0/0	2	0	0/31/11 0
6-24-96	6:30 PM	MW						6.8									
6-25-96	7:00 am	DR	8.96	2.6	29.68	2/17/6	128	5.9	2/11/9	578	1.6			0/0	2		0/21/8
6-25-96	6 ⁰⁰ PM	JJ	-	2.8	-	-	-	6.5	-	-	-	-	-	-	-	-	-
6-26-96	7:30 am	DR	8.96	2.68	29.15	3/16/6	161	7.0	0/15/6	630	1.0			3/0/3	2		0/20/9
6-26-96	6:30 PM	JJ	-	2.7	-	-	-	6.8	-	-	-	-	-	-	-	-	-
6-27-96	8:00 AM	DR	8.96	2.64	30.21	2/12/7	189	12.4	0/21/7	588	1.4			0/0/0			0/29/11
6-27-96	6:30 PM	JJ	-	2.8	-	-	-	7.0	-	-	-	-	-	-	-	-	-

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2C-60 Inlet strength should be >7% and < 9%

2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008552

DAILY PROCESS SAMPLES

2F:6														MON		MON		
Date	Time	Initials	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	2C35/WW TOD	2C35/WW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	EPA-741 O&G	OF-711 BZ/TOL	EPA-711 O&G
6/28/96	8:00 AM	RC	8.76	2.44	29.15		160	8.4		466	1.8				2			
6-28-96	7:00 PM	SB		2.6				6.2										
6-29-96	6:15 AM	SM	9.08	2.56	28.62	3/15/9	46	6.8	462/8	518	1.4	---	---	0	2	---	0/22/3	---
6-29-96	7:00 PM	SB		2.4				6.5										
6-30-96	6:00 AM	SM	9.08	2.24	29.15	2/14/7	42	7.3	2/46/7	558	1.8	---	---	0	2	---	0/22/3	---
6-30-96	7:00 PM	SB		2.3				6.8										
7-1-96	7:30 AM	RC	9.04	2.72	29.68	3/17/7	76	7.0	3/69/10	482	2.2			0	2	3	0/32/4	2
7-1-96	7:00 PM	SB		2.58				6.4										
7-2-96	7:30 AM	RC	9.24	2.56	30.21	4/15/8	135	7.8	2/39/8	638	2.5			10/8/14	6		4/31/12	
7-3-96	7:40 AM	RC				9/4/2	133	8.3										
	9:15 AM	RC	9.0	2.44	30.74	4/12/19	123	7.8	4/24/9	534	2.8			0	6		4/8/27	
7-4-96	6:30 AM	RC	8.4	2.36	29.68		46	6.2	2/14/11	238	1.4			0	2		4/17/11	
7-5-96	6:00 AM	RC	8.52	2.52	30.09	5/16/7	72	8.8	4/12/13	360	2.5			0	2		4/15/26	
	11:15 AM	RC						4/25/7										
	2 PM	RC						3/105/11										
	4 PM	RC						5/23/10										
7-6-96	10:00 AM	RC	8.1	2.6	29	7/22/6	109	7.2	8/53/12		3.5				4			
7-9-96		RC	8.0	2.8	24	30/13/1	113	6.5	0/13/14	302	4.2			0/8	10		5/12/10	
7-8-96	7:30 AM	RC	8.8	2.48	30.7	2/11/5	110	7.7	5/52/10	390	1.3			0	6	2	6/12/40	0

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2C-60 Inlet strength should be >7% and < 9%

2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008553

DAILY PROCESS SAMPLES

																MON		MON	
Date	Time	Initials	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C-35 TOD	2C-35 O&G	2C35/WW TOD	2C35/WW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	EPA-741 O&G	OF-711 BZ/TOL	EPA-711 O&G	
7/9/96	8:30 AM	De	9.0	2.41	29.68		11.9		331	2.9									
7-9-96	6:55 PM	De	—	2.4	—	—	5.1	—	—	—	—	—	—	—	—	—	—	—	
7-10-96	7:30 AM	De	8.96	2.32	29.68		174	1.2		166	.8				2		5/14/37		
7-10-96	6:45 PM	De	—	2.4	—	—	6.1	—	—	—	—	—	—	—	—	—	—	—	
7-11-96	7:15 AM	De	8.8	2.24	29.68	5/21/5	112	6.2	See Note	See Note	See Note			7/10/20	6		0/6/0		
7-11-96	7:00 PM	De	—	2.4	—	—	7.2	—	—	—	—	—	—	—	—	—	—	—	
7-12-96	7:30 AM	De	8.88	2.28	31.8	7/23/4	130	9.1		326	2.7			0/3/0	10		0/4/0		
7-12-96	7 PM	De	—	2.3	—	—	7.0	—	—	—	—	—	—	—	—	—	—	—	
7-13-96	6:30 AM	De	8.8	2.4	29.12	5/18/5	214	12.4	7/145/11	358	1.7	70	7/7.5/3.1	0/3/0	10		0/0/0		
7-13-96	6:30 PM	De	—	2.4	—	—	7.5	—	—	—	—	—	—	—	—	—	—	—	
7-14-96	7 AM	De	8.0	2.2	29.6	3/21/7	174	13.7	7/118/14	358	.8	130	12/3.3/1.5	0/0/0	4		0/0/0		
7-14-96	7:00 PM	CRH	—	1.88	—	—	20.0	—	—	—	—	—	—	—	—	—	—	—	
7-15-96	8:15 AM	De	8.0	2.28	29.15	3/15/6	101	9.9	0/45/36	358	1.5		2/24/9	0	9	2	0	2	
7-15-96	9:00 PM	CRH	—	2.44	—	—	9.9	—	—	—	—	—	—	—	—	—	—	—	
7-16-96	9:00 AM	De	8.2	2.44	29.15	7/17/6	114	9.5	2/79/53	214	1.4		5/24/11	0	9		0		
7-17-96	8:00 AM	De	8.04	2.36	29.68	4/20/8	64	9.6	1/46/35	458	2.5			0	6		0		
7-18-96	7:50 AM	De	8.08	2.44	29.15	5/19/5	96	9.3	0/24/18	282	2.1			0	8		0		
7-19-96	7:30 AM	De	8.12	2.28	29.68	11/30/3	121	0.5	0/23/11	318	2.4			0	10		0		
	1:15 PM	De					22.9												

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2C-60 Inlet strength should be >7% and < 9%

2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

Note: 7-11-96 Plant in upset condition because of 2E-14. All samples cannot be seen.

CONFIDENTIAL

DO 008554

DAILY PROCESS SAMPLES

														MON		MON		
Date	Time	Initials	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	2C35/MW TOD	2C35/MW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	EPA-741 O&G	OF-711 BZ/TOL	EPA-711 O&G
7/1/96	7:10 PM	MGG		2.6				15										
7/20/96	07:30	APB	7.7	2.4	28.0	189/189	52	13.5	2/26	298	9.2			0/0	5		0/0	
7/20/96	7:20 PM	MGG		2.2				10.4										
7/21/96	07:00	APB	8.5	2.4	30.2	190/234	93	17.0	0/24	224	5.0			0/0	5		0/0	
7-21-96	7:20 PM	MGG		2.5				7.5										
7-22-96	6:30	CRH	7.56	2.36	29.68	175/187	106	11.2	2/24	158	2.5			0/0	8		0/0	0
7-22-96	6:40 PM	MGG		2.50				3.2										
7-23-96	8:15 AM	AL	8.12	2.56	30.21	19/10/4	164	14.7	0/10/7	171	1.4			0			0	
7-23-96	6:40 PM	F.L.	—	2.6	—			12.0										
7-24-96	4:30 AM	F.L.	—	—	—	2/10/5		10.5										
7-24-96	7:35 PM	AL	8.08	2.52	29.15	3/10/3	187	10.9	0/23/14	198	1.8			0	6		0	
7-24-96	6:30 PM	SM		2.52				2.0										
7-25-96	8:15 AM	AL	7.92	2.52	29.15	7/12/3	138	14.7	0/9/6	306	1.8			0	12		0/0/5	
7-25-96	6:40 PM	AL	—	2.5	—			8.2										
7-26-96	12:25 PM	AL	—	—	—	6/10/8	158	25										
7-26-96	7:30 AM	AL	8.08	2.56	29.68	3/10/5	150	20.7	0/31/7	278	2.4			0	7		0	
7-26-96	7:30 PM	AL	—	2.8	—			12.2	16.6									
7-27-96	8:00 AM	MGG	3.20	2.4	29.05	6/13/7	166	13.7	0/5/8	213	1.8			0	6		0	
7-28-96	7:30 PM	K.H.	—	2.8	—			16.2	13.0									

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2C-60 Inlet strength should be >7% and < 9%

2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

N:\Cattlett\Datatree.doc

CONFIDENTIAL

DO 008555

DAILY PROCESS SAMPLES

DAIRY PROCESS DATA LOG														MON		MON		
Date	Time	Initials	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C35 BZ/TOL	2C35 TOD	2C35 O&G	2C35/WW TOD	2C35/WW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	EPA-741 O&G	OF-711 BZ/TOL	EPA-711 O&G
7-28-96	7:15 AM	MGG	7.12	2.76	29.05	6/2/12	154	15.3	0/6/3	278	2.9			0	4		0	
7-28-96	7:25 PM	P.H.		2.7			140	13										
7-29-96	7:30 AM	De	8.2	2.52	29.18	7/15/5	179	18.9	0/6/0	238	2.2			0	2	.9	0	4
7-29-96	6:45 PM	De		2.5				11.6										
7-29-96	7:30 PM	De	8.22	2.6	30.21	9/14/3	162	15.9	0/4/6	318	2.9			0	6		0	
7-30-96	6:37 PM	MGG		2.6				10.8										
7-31-96	7:38 PM	De	8.2	2.52	29.15	6/12/3	158	15.2	0/12/3	338	2.4			0	6		0	
7-31-96	8:09 PM	MGG		2.4				15.3										
8-1-96	7:38 PM	De	8.28	2.52	30.21	3/18/10	214	23.1	0/1/3	258	3.5				2		0	
8-1-96	6:37 PM	MGG		2.6				13.0										
8-2-96	7:36 PM	De	8.24	2.68	29.15	0/5/6	118	10.2	0/3/0	358	3.3			0	2		0	
8-2-96	6:32 PM	De	7.4	2.8	27.5	5/9	194	16.2	0/4	438	2.8			0/0	4		0/0	
8-3-96	8:33 PM	De	7.5	2.4	31	6/6	94	12.3	0/8	478	3.4			0/0	4		0/0	
8-4-96	6:45 PM	De		2.6				18.5										
8-5-96	6:45 PM	De	7.2	2.4	29.1	2/22	138	13.6	0/4	318	4.8			0/0	2	.8	0/0	1.1
8-5-96	6:50 PM	De		2.5		6/14/21	260	36										
8-6-96	8:00 AM	De	8.2	2.28	29.15	0/6/0	110	10.7	0/4/0	398	2.9			0	6		0/3/3	
8-6-96	7:00 PM	De		2.4				8.7										
8-7-96	8:00 PM	De	8.24	2.32	29.15	0/7/0	110	6.7	0/3/0	378	2.5			4/0/3	6		0	

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2C-60 Inlet strength should be >7% and < 9%

2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008556

DAILY PROCESS SAMPLES

Date	Time	Initials	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C36 BZ/TOL	2C36 TOD	2C36 O&G	2C35/VW TOD	2C35/VW BZ-TOL-EBZ	MON		MON		
														OF-741 BZ/TOL	OF-741 TOD	EPA-741 O&G	OF-711 BZ/TOL	EPA-711 O&G
8-7-96	4 -	D.H.		2.7				8.0										
8-8-96	7:26 AM	De	8.4	2.32	30.21	5/6/0	78	6.9	0/4/0	398	1.8			0/6/10	2		0	
	1:05 PM	De												0/0/0				
	9 -	I.H.		1.6				6.5										
8-9-96	8:00 AM	MW	6.92	2.44	28.56	5/6/0	122	8.0	0/3	260	2.0				4		0	
8-9-96	9:00	BBB		2.28				11.2										
				2.44	31.7	5/6	78	13.5	0/5	384	3.5						0/0	
8-10-96	19:30	APB		2.4				21.2										
	6 PM	JZ	8.4	2.4	28.08	5/1/3	86	10.2	0/3	678	2.2			0	4		0/5/0	
8-11-96	7 PM	CHH		2.2				9.5										
8-12-96	8 PM	De	8.6	2.52	30.74	4/5/0	101	8.2	0/4	518	3.9			0	6	2.38	0/0/0	
8-12-96	7:00 PM	MW		2.52				14										
8-13-96	7:45 AM	De	8.6	2.52	29.15	5/6/0	110	9.7	2/10/0	398	3.6			0	6		0	
8-14-96	7:45 AM	De	8.6	2.48	29.15	4/9/0	114	6.9	0/6/0	494	1.9			0/6/12	6		0	
	12:25 PM	De												0/0/0				
8-15-96	7:45 AM	De	8.48	2.48	29.15	4/9/0	103	7.3	0/7/0	438	2.0			1/5/0	4		0/5/6	
	1:15 PM	De															0/4/0	
8-16-96	6 AM	SS	8.4	2.6	28.16	5/8/0	118	10.7	0/5/4	438	3.0			0/0/0	4		0/7	
8-17-96	7 PM	CHH	8.32	2.44	30.21	6/0/18	103.3	3.8	0/6/35	373	1.5			0/0			0/5	

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2C-60 Inlet strength should be >7% and < 9%

2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

N:\Catalan\Datos\doc

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 05-11-2010 BY 60322 UCBAW

* Heavy rain

CONFIDENTIAL

DN 008557

DAILY PROCESS SAMPLES

MON

MON

Date	Time	Initials	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL B&E	2C2A TOD	2C2A O&G	2C35 BZ/TOL	2C35 TOD	2C35 O&G	2C35/WW TOD	2C35/WW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	EPA-741 O&G	OF-711 BZ/TOL	EPA-711 O&G
3-19-96	8 ⁰⁰ AM	RS/LH	7.72	2.4	28.09	63/115	55	4.5	3/19	424	1.2			0	1		0/13/4	
8-19-96	10 ⁰⁰ AM	SS	7.4	2.5	28.67	0/1/3	134	8.2	0/5/3	398	1.8			0/0	2	0.2	0/0/2	1.2
8-20-96	7:30 AM	LM	8.08	2.32	30.21		94	6.0		438	2.0			0/2	3		0/0/0	
	12:20 PM	De												0/0/0	2		0/0/0	
8-21-96	1:00 PM	De	8.36	2.4	28.42	0/0/0	432	7.0	0/7	278	1.8			0/0/2	2		0/3/0	
	3:15 PM	De												0/0/0			0/0/0	
	3:30 PM	De												0/0/0			0/0/0	
8-21-96	8 ⁰⁰ PM	RS		1.88			51.3	5.9										
8-22-96	7 ⁰⁰ AM	De	7.84	2.24	29.15	0/0/0	62	6.1	0/0/0	438	1.6			0/0/0	2		0/3/3	
	10:30 AM	De															0/0/0	
3-22-96	7 ³⁰ PM	RS		2.36			114.4	4.8										
8-23-96	8 ⁰⁰ AM	De	8.36	2.44	30.34	0/0/0	62	6.5	0/0/0	358	1.4			0/0/0	2		0/0/0	
8-24-96	7 ⁰⁰ PM	SS		2.4				5.8										
8-24-96	8 ⁰⁰ AM	MG	7.16	2.23	30.21	0/0/0	62	5.2	0/0/0	378	1.5			0/0/0	0		0/0/0	
8-24-96	7 PM	SS		2.36				6.4										
8-25-96	7 AM	MG	7.52	2.84	28.09	0/0/0	70	5.7	0/0/0	418	1.8			0/0/0	2		0/0/0	
8-25-96	7 PM	MS		3.0				7.3										
8-26-96	7:30 AM	De	7.92	2.72	29.15	0/0/0	62	5.3	0/0/0	358	1.3			0/0/0	2	0	0/0/0	0
8-26-96	7:00 PM	De		3.0				6.8									0	

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2C-60 Inlet strength should be >7% and < 9%

2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008558

DAILY PROCESS SAMPLES

														MON		MON		
Date	Time	Initials	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C35 BZ/TOL	2C35 TOD	2C35 O&G	2C35/WW TOD	2C35/WW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	EPA-741 O&G	OF-711 BZ/TOL	EPA-711 O&G
8-27-96	7:30 AM	NG	8.2	2.92	29.15	2/19/6	102	5.5	0/5/0	158	1.7			0/0/0	0		0/4/0	
	1:15 PM	NG															0/5/0	
LME III	2:35																1/12/2	
LME II	3:30	NG															0/3/0	
	3:25	NG																
8-27-96	6:30 PM	NG		2.96				3.9										
8-28-96	7:30 AM	NG	8.16	2.92	29.67	2/15/6	84	4.3	0/4/0	678	1.3			0/0/0	2		0/2/0	
8-28-96	6:15 PM	NG		2.88				5.9										
8-29-96	7:15 AM	NG	8.2	3.04	29.15	0/1/4	110	8.6	0/3/0	538	2.9			0/0/0	2		0/0/0	
8-29-96	6:40 PM	NG		2.83				4.6										
8-30-96	7:15 AM	NG	8.0	2.88	29.68	0/1/4	124	7.6	0/0/0	530	2.3			0/0/0	0		0/0/0	
8-30-96	7:00 PM	FL	—	2.9	—	—	—	5.8	—	—	—							
8-31-96	6:30 AM	SB	7.2	2.6	28.6	0/5/5	170	4.9	0/3/12	478	1.5			0/0/0	0		0/4/5	
8-31-96	11:41 AM	SB	—	—	—	—	—	—	—	—	—			0/0/0	0		0/0/0	
8-31-96	7:15 PM	SB	—	2.7	—	—	—	5.2	—	—	—							
9-1-96	7:00 AM	SB	7.6	2.8	27.6	0/5/4	142	7.4	0/4/0	478	2.5			0/0/0	0		0/0/0	
9-1-96	6 PM	JPZ		3.0				6.5										
9-2-96	6:00 AM	MEG	8.12	2.72	28.7	0/6/3	168	6.5	0/0/0	458	4.7			0/0/0	0		0/0/0	
9-2-96	5:30 PM	JPZ		2.8				4.2										

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2C-60 Inlet strength should be >7% and < 9%

2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DAILY PROCESS SAMPLES

														MON		MON		
Date	Time	Initials	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-36 BZ/TOL	2C36 TOD	2C36 O&G	2C36/WW TOD	2C36/WW BZ-TOL-EBZ	OF-741 BZ/TOL	OF-741 TOD	EPA-741 O&G	OF-711 BZ/TOL	EPA-711 O&G
9-3-96	9 ⁰⁰ AM	DC	8.24	2.76	30.21	5/8/0	149	6.6	0/9/0	578	1.8			5/4/0	1	0	0/0/0	0
9-3-96	8 ⁵⁵ AM	DC		2.8				7.0										
9-4-96	7 ³⁰ AM	DC	8.24	2.76	29.15	8/10/3	154	6.6	0/5/0	710	2.3			0/0/0		4	0/0/0	
	11 ¹⁵ AM	DC								510								
		DC		2.7				8.2										
9-5-96	7:00 AM	MW								478	1.5							
9-5-96	8:00 AM	DC	8.04	2.64	29.15	6/9/7	158	7.0	13/13/10	510	1.8			0/0/0			0/4/3	
	2:28 PM	DC							20/19/20									
	2:30 PM	DC															0/0/0	
9-6-96	7:15 AM	DC	8.28	2.36	30.21		130	5.1		838	1.4					2		
	4:30 PM	DC				0/6/5			3/1/0					0/0/3			0/0/0	
9-6-96	7:45 PM	RS		3.0				9.2										
9-7-96	6 ³⁰ AM	WG	8.12	3.00	30.21	12/12/6	108	5.4	5/7/10	678	9.0			11/0/3	0		0/10/2	
	9 ⁰⁰ AM	RS		2.88		7/10/8	146	11.8										
	2:30 AM	WG					106											
9-8-96	6 ⁴⁵ AM	WG	7.92	2.87	29.15	12/11/4	114	9.8	0/15/3	624	3.3			0/11/3	0		0/9/4	
	8 ¹⁵ PM	RS		2.88				8.4										
9-9-96	1:30 PM	DC	8.12	2.98	29.15	4/6/6	131	8.3	9/18/5	618	2.0				2		0/13/4	
	6 ⁰⁰ PM	RS		2.72				7.9										

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

2C-60 inlet strength should be >7% and < 9%

2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

OF-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

N:\Catlett\Datalog.doc

DO 008560

DAILY PROCESS SAMPLES

Date	Time	Initil	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL/EBZ	2C2A TOD	2C2A O&G	2C-35 BZ/TOL/EBZ	2C35 TOD	2C35 O&G	Precaution See Note OF-741 BZ/TOL/EBZ	OF-741 TOD	RUN ON MONDAY EPA-741 O&G	Precaution See Note OF-711 BZ/TOL/EBZ	RUN ON MONDAY EPA-711 O&G
9-10-96	8:00 Am	De	0.28	2.96	29.08	23/12/6	126	6.9	0/24/4	598	2.5	0/0/0	1		0/6/0	
	7 Pm	De		3.16			112	8.5								
9-11-96	8:15 Am	De	8.36	3.08	29.15	12/9/6	147	7.4	0/13/4	518	4.6	0/0/0	2		0/5/0	
	1:25 Pm	De										0/0/0			0/0/0	
9-11-96	6:30 Pm	De	—	3.0	—	—	—	8.8	—	—	—	—	—	—	0/6/0	—
9-12-96	4:00 Am	De													0/8/0	
9-12-96	8:30 Am	De	8.44	2.96	29.15	8/7/6	146	5.5	0/10/7	518	1.6	0/0/0	1		0/9/0	
9-12-96	6:45 Pm	De	—	2.9	—	—	—	8.5	—	—	—	0/0/0	—	—	0/8/0	—
9-13-96	4:00 Am	De													0/0/0	
9-13-96	9:15 Am	De	8.44	3.04	29.08	25/10/5	198	7.9	0/9/0	518	2.2	0/0/0	1		0/11/0	
	1:50	De													0/8/0	
9-13-96	7:30	MW		2.88				12.2								
9-14-96	6:30	CLH	8.2	2.84	28.62	9/7/5	128	5.8	0/6/0	318	2.3	0/0/0	1		0/10/3	
9-14-96	6:30 Pm	MW		3.0				1.7							0/5/0	
9-15-96	8:00 Am	RS	8.2	2.88	29.15	8/7/5	125.5	5.5	0/6/0	428	2.4	0/0/0	2.5		0/8/0	
9-15-96	6:29 Pm	MG		2.92				7.7								
9-16-96	6:00 Am	CLH	7.88	2.96	29.08	16/9/3	136.6	6.6	0/5.6/0	798	2.6	0/0/0	6	0	0/2.6/0	0
9-16-96	6:30 Pm	MG		3.04				10.3								
9-17-96	7:15 Am	De	7.8	3.1	29.2	6/18/6	146	9.6	0/7/0	838	4.3	0/0/0	8		0/20/6	
9-17-96	6:30 Pm	RS		2.88				8.8								
9-18-96	7:50 Am	De	8.52	2.92	29.15	11/13/7	144	7.7	0/5/0	518	2.5	0/6/7	2		0/22/5	
	12:25 Pm	De										0/0/0			0/21/4	

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

Note: If Benzene, Toluene, or EBZ show up in any of these samples, refer to the EPA 711/ EPA 741 Contamination Procedure.

2C-60 Inlet strength should be >7% and < 9%. 2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

EPA-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008561

DAILY PROCESS SAMPLES

Date	Time	Initil	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL/EBZ	2C2A TOD	2C2A O&G	2C-35 BZ/TOL/EBZ	2C35 TOD	2C35 O&G	Precaution See Note OF-741 BZ/TOL/EBZ	OF-741 TOD	RUN ON MONDAY EPA-741 O&G	Precaution See Note OF-711 BZ/TOL/EBZ	RUN ON MONDAY EPA-711 O&G
9-19-96	6:30p	RS		2.8				5.6								
9-19-96	7:30Am	De	8.6	3.04	29.16	10/9/3	130	5.7	0/6/0	438	2.9	0/0/0	2		0/24/5	
	12:10pm	De													0/21/4	
9-19-96	6:30p	R-		2.8				5.4			1.					
9-19-96	7:00Am	De	8.6	2.88	29.7	7/9/3	134	6.3	0/4/0	398	1.4	6/4/5	2		0/23/4	
	12:00N											0/0/0			0/25/5	
		1.1		2.8				5.9								
	6:30pm	MG	8.4	2.8	23.8	4/4/6	110	5.4	0/0/0	438	1.0	0/0/0	2		4/131/57	
	1:30pm	MG													0/152/44	
9-22-96	7:00Am	MG	8.6	3.0	25.9	12/20/13	294	19.9	0/7/0	613	1.4	14/43/40	2		0/0/0	
9-23-96	7:30Am	De	8.6	3.04	26.5	7/9/7	174	7.8	0/3/0	678	1.5	13/9/14	2	0	0/0/0	0
	12:10pm											0/0/0				
9-24-96	8:45Am	De	8.6	2.76	29.15	10/15/7	192	9.0	0/7/3	622	1.4	0/0/0	2		0/0/0	
9-24-96	3:50pm	CRH		2.64												
9-24-96	6:30pm	MG		2.81				4.8							0/0/0	
9-25-96	7:30Am	De	9.0	2.88	29.48	2/15/7	182	9.2	0/3/0	238	1.4	0/0/0	2		0/0/0	
9-25-96		MG		2.76				6.1							0/0/0	
9-26-96	10:00Am	De	8.2	2.72	29.15	3/6/5	174	8.9		558	1.8	6/5/12	2		0/3/3	
	2:45pm	De										0/0/0			0/0/0	
9-26-96	6:30pm	SM		2.48				3.8							0/0/0	
9-27-96	7:30Am	De	7.8	2.44	29.15	7/12/6	169	8.0	0/3/0	678	2.5	0/0/0	2		0/0/0	
	6:45pm	De		2.5				4.8							0/0/0	

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

Note: If Benzene, Toluene, or EBZ show up in any of these samples, refer to the EPA 711/ EPA 741 Contamination Procedure.

2C-60 Inlet strength should be >7% and < 9%. 2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

EPA-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CATLETT\DATA\DAIY PROCESS SAMPLES

CONFIDENTIAL
DO 008562

DAILY PROCESS SAMPLES

Date	Time	Initil	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL/EBZ	2C2A TOD	2C2A O&G	2C-35 BZ/TOL/EBZ	2C35 TOD	2C35 O&G	Precaution See Note OF-741 BZ/TOL/EBZ	OF-741 TOD	RUN ON MONDAY EPA-741 O&G	Precaution See Note OF-711 BZ/TOL/EBZ	RUN ON MONDAY EPA-711 O&G
9-28-96	7:00	RS	7.2	2.5	30.7	5/6/6	194	10.1	0/9/4	298	3.9	0/0/0	2	—	0/0/0	—
9-28-96	6:00 PM	RS		2.6				2.8							0/0/0	
9-29-96	7:00	RS	8.0	2.9	29.7	6/8/6	144	7.7	0/3/0	328	4.1	0/3/0	10	—	0/0/0	—
9-30-96	3:00 AM	RS	8.8	3.0	30.2	13/7/4	142	4.8	0/5/0	518	1.4	0/0/0	1	—	0/0/0	—
10-1-96	6:45 AM	RS	9.16	3.00	29.58	8/9/5	120	5.0	2/3/0	520	1.5	0/0/0	2	—	0/0/0	—
10-1-96	12 PM	RS													0/0/0	
10-1-96	1:30 PM	RS		3.03												
10-2-96	1:11 PM	RS	9.12	3.08	29.53	9/18/7	176	5.7	4/83/22	400	.6	0/0/0	2	—	0/0/0	—
10-2-96	7:20 PM	RS		3.2				8.9								
10-3-96	6:30 AM	RS	9.16	3.18	29.07	6/20/4	160	7.8	0/6/0	400	.7	0/0/0	2	—	0/0/0	—
	11:30 AM	RS													0/0/0	
10-3-96	6:31 PM	RS		3.2				8.3								
10-4-96	7:30 AM	RS	8.96	3.08	29.15	8/14/4	170	6.1	0/4/0	478	1.8	0/0/0	2	—	0/0/0	—
10-4-96	6:00 PM	RS		3.0				4.8						—		—
10-5-96	7:00 AM	RS	8.92	3.08	30.1	10/15/8	166	5.8	2/1/0	558	5.1	0/0/0	2	—	0/0/0	—
10-5-96	4:00 PM	RS		2.08				3.2						—		
10-6-96	1:00 PM	RS	8.6	3.0	31.2	17/64/60	230	21.5	0/6/0	560	2.5	0/0/0	6	—	0/0/0	—
10-6-96	7:00 PM	RS		2.72				7.4						—		
10-7-96	7:00 AM	MW	8.12	2.76	29.58	6/22/15	190	7.8	0/44/15	578	0	0/0/0	2	0	0/0/0	0
10-7-96	6:50 PM	RS		2.72				5.9								
10-8-96	3:00 PM	CHN				5/14/6		4.8								
10-8-96	4:45 PM	MW	8.24	2.80	29.07	11/22/9	102	6.2	0/14/6	398	2.0	0/0/0	2		0/0/0	

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

Not : If Benzene, Toluene, or EBZ show up in any of these samples, refer to the EPA 711/ EPA 741 Contamination Procedure.

2C-60 Inlet strength should be >7% and < 9%. 2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

EPA-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008563

DAILY PROCESS SAMPLES

Date	Time	Initil	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL/EBZ	2C2A TOD	2C2A O&G	2C-35 BZ/TOL/EBZ	2C35 TOD	2C35 O&G	Precaution See Note	OF-741 BZ/TOL/EBZ	OF-741 TOD	RUN ON MONDAY	EPA-741 O&G	Precaution See Note	OF-711 BZ/TOL/EBZ	OF-711 TOD	RUN ON MONDAY	EPA-711 O&G
10-8-96	6:30 pm	JRZ		2.8				5.0													
10-9-96	6:10 pm	JRZ	9.0	2.8	29.9	25/19/6	156	3.8	0/9/4	460	1.9	0/0/0	2	—	—	0/0/0	—	—	—	—	
10-9-96	6:15 pm	JRZ		2.8				2.9													
10-10-96	2:55 AM	LL					142	10.8													
10-10-96	7 am	JRZ	9.12	2.92	29.58	0/24/13	128	4.6	4/88/30	600	1.2	0/0/0	4	—	—	0/0/0	—	—	—	—	
	12 PM	SB				0/6/4	140														
	4 PM	SB				0/6/4															
10-10-96	7 am	JRZ		2.8				3.4													
10-11-96	6 am	CRS	7.6	2.56	29.18	7/15/6	178	5.6	3/46/21	718	2.5	0/0/0	4					0/0/0			
	5:45 am	SB										0/0/0									
10-11-96	6:45 PM	CRS		2.8				3.9													
10-12-96	6:00 AM	RS	8.4	2.68	29.68	26/18/5	138	4.1	0/19/8	728	1.6	0/0/0	0	—	—	0/0/0	—	—	—	—	
10-12-96	6:55 PM	MW		2.76				8.5													
10-13-96	6:00 AM	RS	8.48	2.76	28.09	10/18/4	172.5	5.2	0/9/3	743	1.7	0/0/0	6	—	—	0/0/0	—	—	—	—	
	2:45 PM	MW		2.72																	
10-13-96	6:45 PM	MW		2.80				3.3													
10-14-96	8:30 AM	DC	8.84	2.68	29.68	0/8/5	181	10.0	0/3/0	558	2.4	0/0/0	2					0/0/0			
10-14-96	7:45 PM	MW		2.60				8.5													
10-15-96	6:00 am	DC	8.88	2.72	29.15	2/5/0	150	5.0	0/4/0	638	2.3	0/0/0	2					0/0/0			
10-15-96	6:30 PM	CRH		2.48				3.4													
10-16-96	6:45 AM	DC	8.28	2.56	29.15	4/5/0	130	5.3	0/8/0	678	2.2	0/0/0	2					0/0/0			
10-16-96	7:00 PM	CRH		2.56				4.3													

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

Note: If Benzene, Toluene, or EBZ show up in any of these samples, refer to the EPA 711/ EPA 741 Contamination Procedure.

2C-60 Inlet strength should be >7% and < 9%. 2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

EPA-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CATLETT/DATA/DAILY PROCESS SAMPLES

CONFIDENTIAL
DO 008564

DAILY PROCESS SAMPLES

Dat	Time	Initl	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL/EBZ	2C2A TOD	2C2A O&G	2C-35 BZ/TOL/EBZ	2C35 TOD	2C35 O&G	Precaution See Note OF-741 BZ/TOL/EBZ	OF-741 TOD	RUN ON MONDAY EPA-741 O&G	Precaution See Note OF-711 BZ/TOL/EBZ	RUN ON MONDAY EPA-711 O&G
10-17-96	7:30am	KW	8.76	2.92	29.15	5/7/0	134	4.3	0/3/0	518	1.7	0/0/0	2		0/0/0	
10-17-96	7:50am	CLH		2.72				3.2								
10-18-96	7:30am	De	8.96	2.84	28.09	7/9/0	131	4.9	0/13/4	558	1.5	0/0/0	1		0/0/0	
10-18-96	8:45	De		2.8				5.2								
10-19-96	6:45	MW	8.68	2.80	29.57	5/6/3	134	2.7	0/3/0	598	0.5	0/0/0	2		0/0/0	
10-19-96	8:00	De		2.8				5.7								
10-20-96	6:50	MW	8.88	2.88	28.56	0/5/3	164	4.5	0/0/0	378	1.2	0/0/0	2		0/0/0	
10-20-96	7:30	De		2.7				4.8								
10-21-96	7:30am	De	9.12	2.84	29.15	9/10/3	138	4.5	0/6/0	618	1.5	0/0/0	1	0	0/0/0	0
10-21-96		De		2.8				5.2								
10-22-96	7:30am	De	9.08	2.84	29.15	7/8/3	134	4.7	0/0/0	678	1.4	0/0/0	2		0/0/0	
10-22	6:30pm	SM		3				4.2								
10-23	8:15am	De	9.24	2.76	28.62	2/5/0	150	4.6	0/3/0	398	2.2	0/0/0	1		0/0/0	
10-23	6:30pm	SM		2.84				4.1								
10-24-96	7:30am	De	9.08	2.76	29.15	2/4/0	134	5.7	0/6/0	478	1.9	0/0/0	2		0/0/0	
10-24	6:30pm	SM		2.76				2.7				5/0/0			0/0/0	
10-25-96	8:30am	De	8.96	2.72	29.15	4/8/6	154	5.8	0/7/3	458	2.0	0/0/0	6	—	0/0/0	—
10-26-96	8:40am	De	8.8	2.7	28.6	2/9/0	147	6.0	0/4/0	398	2.1	0/0/0	2	—	0/0/0	—
10-27-96	7:30am	De	8.4	3.0	27.1	3/5/0	146	4.4	0/0/5	638	1.9	0/0/0	2		0/0/0	
10-27-96	7:15pm	De		2.9				4.5								
10-28-96	8:00am	De	8.0	2.5	27.03	6/6/9/10	118	4.5	0/0/0	558	0.4	0/0/0	1	0	0/0/0	0
10-28-96	6:30pm	De		2.8				4.1								

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

Not : If Benzene, Toluene, or EBZ show up in any of these samples, refer to the EPA 711/ EPA 741 Contamination Procedure.

2C-60 Inlet strength should be >7% and < 9%. 2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

EPA-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CATLETTDATA/DAILY PROCESS SAMPLES

CONFIDENTIAL

DO 008565

DAILY PROCESS SAMPLES

C	Time	Initil	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL/EBZ	2C2A TOD	2C2A O&G	2C-35 BZ/TOL/EBZ	2C35 TOD	2C35 O&G	Precaution See Note OF-741 BZ/TOL/EBZ	OF-741 TOD	RUN ON MONDAY EPA-741 O&G	Precaution See Note OF-711 BZ/TOL/EBZ	RUN ON MONDAY EPA-711 O&G
10-29-96	9:00 AM	DC	8.4	2.6	29.15	0/6/0	190	5.0	0/6/0	358	1.0	0/0/0	1		0/0/0	
10-29-96	7:00 PM	SB	2.62	2.62	28.62			4.7								
10-30-96	7:30 AM	DC	8.52	2.52	28.62	0/4/0	185	7.5	0/6/0	598	2.6	0/0/0	1		0/0/0	
10-30-96	7:00 PM	SB		2.4				5.8								
10-31-96	7:30 AM	DC	8.56	2.64	29.15	3/6/0	170	5.3	2/10/3	518	3.3	0/0/0	2		0/0/0	
10-31-96	7:00 PM	SB		2.4				4.9								
11-1-96	7 AM	SB	8.8	2.6	28.08	2/6/0	114	6.4	0/0/0	678	4.5	0/0/0	1		0/0/0	
11-1-96	8:30	R.H		2.7				5.8								
11-2-96	6:30	DC	8.5	2.7	29	4/5/0	102	4.1	0/0/0	718	1.5	0/0/0	6		0/0/0	
11-2-96	7:00 PM	CRH		2.56				4.4								
11-3-96	6:30 AM	SB	8.5	2.7	28	3/7/0	82	4.3	0/0/0	598	2.6	0/0/0	8		0/0/0	
11-3-96	7:30 PM	RS		2.50				4.5								
11-4-96	7:30 AM	DC	8.64	2.72	28.09	3/4/0	150	5.0	0/4/0	598	1.3	0/0/0	2	0	0/0/0	0
11-4-96	7:30 PM	R		2.72				4.0								
11-5-96	7:30 AM	DC	8.2	2.8	28.6	4/7/0	142	5.2	0/15/3	538	2.2	0/0/0	2		0/0/0	
11-6-96	8:30 AM	DC	8.8	2.76	29.15	3/5/0	146	5.2	0/9/4	598	1.8	0/0/0	2		0/0/0	
11-7-96	7:30 AM	DC	8.92	2.74	29.68	6/7/0	138	4.9	0/3/0	598	1.7	0/0/0	2		0/0/0	
11-8-96	7:30 AM	DC	8.8	2.56	28.62	6/7/0	142	5.7	0/4/0	798	3.1	0/0/0	2		0/0/0	
11-8-96	7:30 PM	MW		2.64				4.5								
11-9-96	7:00 AM	APB	9.0	2.6	26.5	5/3/0	80	6.7	0/3/0	834	2.0	0/0/0	1		0/0/0	
11-9-96	7:00	MW		2.76				4.3								
11-10-96	07:00	APB	9.4	2.6	29.1	6/2/6/3/0	62	7.9	0/0/0	734	3.6	0/0/0	1		0/0/0	

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

Not : If Benzene, Toluene, or EBZ show up in any of these samples, refer to the EPA 711/ EPA 741 Contamination Procedure.

2C-60 Inlet strength should be >7% and < 9%. 2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

EPA-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DAILY PROCESS SAMPLES

Dat	Time	Intil	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL/EBZ	2C2A TOD	2C2A O&G	2C-35 BZ/TOL/EBZ	2C35 TOD	2C35 O&G	Precaution See Note OF-741 BZ/TOL/EBZ	OF-741 TOD	RUN ON MONDAY EPA-741 O&G	Precaution See Note OF-711 BZ/TOL/EBZ	RUN ON MONDAY EPA-711 O&G
11-11-96	7:30 AM	De	9.2	2.72	30.74	5/5/0	134	4.6	0/5/0	798	1.45	0/0/0	1	.3	0/0/0	0
11-11-96	6:50 PM	SM		2.76				3.0								
11-11-96	8:00 AM	De	9.16	2.72	29.68	6/7/0	146	5.5	2/4/0	478	3.4	0/0/0	1		0/0/0	
11-12-96	7:00 PM	RS		2.56				4.0								
11-13-96	7:30 AM	CH				10/11/7			0/13/3							
11-13-96	9:00 AM	De	9.24	2.6	29.15	3/8/0	158	6.9	0/2/0	398	1.9	0/0/0	1		0/0/0	
11-13-96	7:00 PM	RS		2.72				4.8								
11-14-96	8:45 AM	De	8.8	2.36	29.15	3/19/0	146	6.0	0/3/0	558	2.7	0/0/0	1		0/0/0	
11-14-96	7:00 PM	RS		2.32				6.2								
11-15-96	7:45 AM	De	8.24	2.36	29.15	8/9/0	122	6.5	0/4/0	558	3.1	0/0/0	1		0/0/0	
11-15-96	6:30 PM	De		2.4				7.1								
11-16-96	7:30 AM	De	8.6	2.4	28.00	6/6/0	78	5.2	0/0/0	518	2.2	0/0/0	0		0/0/0	
11-16-96	6:30 PM	De		2.6				7.6								
11-17-96	7:15 AM	De	9	2.72	28.00	7/8/0	13	4.1	0/0/0	518	4.2		0		0/0/0	
11-17-96	7:15 AM	De		2.7				5.8								
11-18-96	7:30 AM	De	9.08	2.56	29.68	7/9/6	142	5.5	0/5/3	638	1.8	0/0/0	1	0	0/0/0	10
11-18-96	12:10 PM	De													0/0/0	
11-18-96	7:30 AM	De		2.6				5.9								
11-19-96	7:15 AM	De	9.04	2.56	29.68	5/7/5	110	4.4	0/0/0	758	1.6	0/0/0	1		0/0/0	
11-19-96	6:30 PM	SM		2.64				3.8								
11-20-96	7:45 AM	De	9.08	2.64	30.21	6/8/4	114	4.4	0/4/0	698	1.2	0/0/0	1		0/0/0	

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

Note: If Benzene, Toluene, or EBZ show up in any of these samples, refer to the EPA 711/ EPA 741 Contamination Procedure.

2C-60 Inlet strength should be >7% and < 9%. 2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

EPA-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008567

CATLETT/DATA/DAILY PROCESS SAMPLES

DAILY PROCESS SAMPLES

Dat	Time	Initil	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL/EBZ	2C2A TOD	2C2A O&G	2C-35 BZ/TOL/EBZ	2C35 TOD	2C35 O&G	Precaution See Note OF-741 BZ/TOL/EBZ	OF-741 TOD	RUN ON MONDAY EPA-741 O&G	Precaution See Note OF-711 BZ/TOL/EBZ	RUN ON MONDAY EPA-711 O&G
11-20-96	7:30 AM	8.11		2.11			3.2									
11-21-96	7:30 AM	8.44	2.44	29.15	6/7/5	122	4.6	0/0/0	558	1.8	0/0/0	1	#	0/0/0		
11-21-96	6:30 PM	8M		2.7			4.6									
11-22-96	8:00 AM	8.84	2.84	29.15	6/7/5	130	4.7	0/3/0	718	2.3	0/0/0	0		0/0/0		
11-22-96	6:30 PM	7.1		2.5			4.5									
11-23-96	8:30 AM	8.11	9.2	3.0	29.2		2.8		695	2.1						
11-23-96	7:30 AM	JP2		2.8			5.6									
11-24-96	7:30 AM	R.H	9.1	2.9	21.6	5/5/5	170	5.7	2/16/3	754	7.1	0/0/0		0	6/9/11	
11-24-96	11:30 AM	JP3		32.0												
	6:30 PM	JP2		2.7			3.5	7/92/25								
	7:30 AM	JP3	9.5	2.8	32.3	2/0/0	186	3.4	4/51/15	458	3.2	0/0/0	2	0	0/0/0	0
	6:30 PM	JP2		2.7			3.8									
11-26-96	8:30 AM	8.16	2.84	31.8	2/6/0	138	4.9	11/4/0	718	2.3	0/0/0	1		0/0/0		
11-27-96	8:30 AM	8.16	2.84	32.33	2/6/4	146	5.4	0/14/5	478	2.6	0/0/0	0		0/0/0		
11-27-96	9:00 AM	8.1		2.7			4.5									
11-28-96	6:30 AM	MG	8.3	2.2	27.56	7/9/3	142	2.8	0/7/3	358	1.2	0/0/0	0		0/0/0	
11-28-96	8:30 AM	R.H		2.6			4.2									
11-29-96	10:30 AM	W.C	9.36	2.40	32.86	9/12/5	126	10.2	0/0/0	614	2.8	0/0/0	0		0/0/0	
11-29-96	6:10 PM	RS		2.32			4.6									
11-30-96	7:30 AM	W.C	8.8	2.52	33.92	7/15/0	140	8.3	0/22/0	798	3.7	0/0/0	0		0/0/0	
11-30-96	6:10 PM	RS		2.42			4.9									
12-1-96	7:15 AM	W.C	9.12	2.56	32.86		154	14.5		53.1	37.0		0			

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

Note: If Benzene, Toluene, or EBZ show up in any of these samples, refer to the EPA 711/ EPA 741 Contamination Procedure.

2C-60 Inlet strength should be >7% and < 9%. 2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

EPA-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

CATLETTDATA\DAI LY PROCESS SAMPLES

DO 008568

DAILY PROCESS SAMPLES

Dat	Time	Intil	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL/EBZ	2C2A TOD	2C2A O&G	2C-35 BZ/TOL/EBZ	2C35 TOD	2C35 O&G	Precaution See Note OF-741 BZ/TOL/EBZ	OF-741 TOD	RUN ON MONDAY EPA-741 O&G	Precaution See Note OF-711 BZ/TOL/EBZ	RUN ON MONDAY EPA-711 O&G
12-1-96	7 ¹⁵ PM	RS		2.42				7.2								
12-2-96	11 ¹⁵ PM	RS	8.84	2.44	32.33	*	154	4.3	*	478	3.6	*	0	0		0
12-2-96	6 ¹⁵ PM	RS		2.40				4.0								
12-3-96	11 ¹⁵ PM	RS	8.8	2.52	33.39	*	150	4.5	*	398	5.8	*1/0/0	0		*0/0/0	
12-3-96	9 ⁰⁰ PM	RS		2.5				4.2								
12-4-96	7 ³⁰ PM	RS	8.92	2.26	31.8	*	190	4.5	3/74/45	318	2.2	*0/0/0	0		*0/0/0	
12-4-96	6 ⁴⁵ PM	RS		2.6				4.8								
12-5-96	7 ⁵⁵ PM	RS	8.88	3.28		*						*0/0/0			*0/0/0	
	1 ⁰⁰ PM	RS		3.28												
	3 ⁰⁵ PM	RS			32.86		158	6.1		518	5.2		1			
12-5-96	6 ³⁰ PM	RS		3.1				5.8				*0/0/0			*0/0/0	
12-6-96	8:50 AM	RS	8.88	2.88		*						*0/0/0			*0/0/0	
12-6-96	6 ⁵⁰ PM	MG		2.72		(2C-35)		3.9							1ST	
12-7-96	6 ³⁰ PM	RS	8.6	2.83	32.86	6/2/1.6	145	4.8		918	3.2	*1/0/0		.5	31.54/34	—
12-7-96	5 ⁵⁰ PM	MG		2.72				4.7						2 ND	0/0/0	
12-8-96	6 ³⁰ PM	RS	3.80	2.64	34.45	8.7/12.8/103	141	6.0	*	628	2.9	20/29.7/17.2	1.9		0/0/0	—
12-8-96	6 ⁰⁰ PM	MG		2.64				3.4								
12-9-96	3:00 PM	RS	8.08	2.56	33.92	10/14/5	158	4.6	2/60/45	478	1.8	0/0/0	2	0	0/0/0	0
12-9-96	6 ¹⁵ PM	MG		2.48				3.4								
12-10-96	8:30 AM	RS	8.2	2.64	32.33	3/7/4	142	4.9	2/31/16	678	2.9	0/0/0	1		0/0/0	
12-10-96	6 ²⁰ PM	RS		2.64				2.8	5/8/135							
12-11-96	9 ³⁰ AM	RS	8.28	2.72	31.8	0/6/3	138	4.5	3/109/65	718	2.1	0/0/0	1		0/0/0	

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

Note: If Benzene, Toluene, or EBZ show up in any of these samples, refer to the EPA 711/ EPA 741 Contamination Procedure.

2C-60 inlet strength should be >7% and < 9%. 2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

EPA-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

* analyzer down
* * runs at LMC III
① Combined 2C 20/2C 35 flow

CATLETT/DATA/DAILY PROCESS SAMPLES

CONFIDENTIAL

DO 008569

DAILY PROCESS SAMPLES

Dat	Time	Inlet	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL/EBZ	2C2A TOD	2C2A O&G	2C-35 BZ/TOL/EBZ	2C35 TOD	2C35 O&G	Precaution See Note	OF-741 BZ/TOL/EBZ	OF-741 TOD	RUN ON MONDAY	EPA-741 O&G	Precaution See Note	OF-711 BZ/TOL/EBZ	OF-711 TOD	RUN ON MONDAY	EPA-711 O&G
12-11-96	6:45 PM	RS		2.48				3.8													
12-12-96	9:00 AM	DC	7.92	2.52	32.33	4/9/7	146	4.9	2/43/29	718	1.5	0/0/0	1								
12-13-96	7:45 AM	DC		2.56				3.6													
12-13-96	7:30 AM	DC	8.12	2.64	31.8		138	5.3		758	.8	0/0/0	1					0/0/0			
12-13-96	8:30	DC		2.7				5.8													
12-14-96	6:00 AM	MG	8.20	2.6	25.41	5/22/3	150	5.5	2/14/32	498	2.8	0/0/0	1					0/17/6			
12-17-96	9:00 AM	DC		2.8				5.4													
12-15-96	6:30 AM	MG	8.24	2.9	24.38	6/5/2	142	5.5	1/26/12	438	.9	0/0/0	0					0/9/4			
12-15-96	8:30 AM	DC		2.8				4.9													
12-16-96	7:45 AM	DC	8.48	2.72	31.8	8/9/6	150	6.2	0/20/12	518	1.6	0/0/0	1		0			0/0/0		0	
12-16-96	8:30 AM	DC		2.7				5.8													
12-17-96	10:00 AM	DC	8.24	2.72	31.8	5/5/3	146	1.9	0/11/7	678	1.3	0/0/0	0					0/0/0			
12-17-96	6:30 PM	MG		3.08				5.0													
12-19-96	7:15 AM	DC	8.2	2.64	30.74	7/10/3	124	7.2		598	2.6	0/0/0	1					0/0/0			
12-18-96	6:45 PM	MG		2.68				2.7													
12-19-96	9:00 AM	DC	8.4	3.28	30.21	3/5/0	146	4.2	0/14/9	718	.9	0/0/0	0					0/0/0			
12-20-96	6:15 PM	MG		2.96				2.6													
12-20-96	7:35 AM	DC	8.16	3.12	31.8	5/20/4	122	4.9	0/20/15	638	2.1	0/0/0	0					0/0/0			
12-22-96	6:30 PM	DC		2.6				3.0													
12-21-96	6:00 PM	DC	7.8	2.4	30.16	11/14/4	114	1.6	0/24/18	818	.8	0/0/0	0					0/13/5			
12-22-96	8:30 AM	DC	8.2	2.7	31.8	6/6/8/10	142	5.2	0/36/12	458	3.5	0/0/0	0					0/45/0			

SPECIFICATIONS FOR THE FOLLOWING SAMPLES ARE:

Not : If Benzene, Toluene, or EBZ show up in any of these samples, refer to the EPA 711/ EPA 741 Contamination Procedure.

2C-60 Inlet strength should be >7% and < 9%. 2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

EPA-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CATLETT/DATA/DAILY PROCESS SAMPLES

CONFIDENTIAL
DO 008570

DAILY PROCESS SAMPLES

Date	Time	Initials	2C-60 INLET	2C-60 OUT	DEA WT%	2C2A BZ/TOL	2C2A TOD	2C2A O&G	2C-35 BZ/TOL	2C35 TOD	2C35 O&G	Precaution See Note OF-741 BZ/TOL/EBZ	OF-741 TOD	RUN ON MONDAY EPA-741 O&G	Precaution See Note OF-711 BZ/TOL/EBZ	RUN ON MONDAY EPA-711 O&G
12-23-96	7:15 AM	AB	7.4	2.7	30.2	26/18/10	146	5.5	3/34/11	758	2.6	0/0/0	4	0	0/0/0	0
12-24-96	8:00 AM	AC	8.08	2.6	31.8	27/10/4	178	9.2	0/9/5	798	3.7	0/0/0	2		0/0/0	
12-24-96	9:00 AM	K.H.		2.16				5.4								
12-25-96	6:07 AM	MCC	7.64	2.28	25.8	9/12/4	148	5.0	0/2/6	1178	2.8	0/0/0	2		0/5/4	
12-25-96	8:45 AM	P.H.		2.16				5.8								
12-26-96	6:00 AM	JR2	7.6	2.5	26.5	8/12/5	126	7.2	0/8/6	678	3.0	0/0/0	0		0/6/6	
	6:45 AM	JR2													0/0/0	
12-26-96	7:00 AM	K.H.		2.6				6.4								
12-27-96	8:00 AM	MW	7.2	2.48	32.64	10/12/6	134	7.3	0/4/0	918	5.0	0/0/0	4		0/4/3	
12-27-96	6:30 PM	RS		2.40				6.8								
12-28-96	6:15 AM	WGC	7.96	2.64	33.92	12/11/7	192/46	15.9	0/9/6	1044	5.4	2/0/0	0	—	0/1/3	—
12-28-96	6:30 PM	RS		2.48				5.2								
12-29-96	6:30 PM	WGC	7.88	2.44	35.65	29/11/9	184/46	13.8	0/11/7	851.4	2.3	0/0/0	2	—	0/6/0	—
12-29-96	6:30 PM	RS		2.44				4.6								
12-30-96	7:00 AM	MW	7.2	2.60	32.13	37/19/10	94	6.5	0/10/6	678	1.6	0/0/0	0	0	0/0/0	0
	7:00 PM	RS		2.16				5.9								
12-31-96	6:20 AM	MW	6.24	2.44	30.60	34/17/6	182	9.5	0/9/6	718	1.0	0/0/0	0	—	0/5/6	—
12-31-96	1:30 PM	P.H.													0/0/0	
	6:30 PM	JR2		2.2				6.0								

DEFINITIONS FOR THE FOLLOWING SAMPLES ARE:

No. 1. If Benzene, Toluene, or EBZ show up in any of these samples, refer to the EPA 711/ EPA 741 Contamination Procedure.

2C-60 Inlet strength should be >7% and < 9%. 2C-60 outlet strength should run between 2% and 4 %

DEA wt % should run between 28 % and 30 %

2C2A benzene limit is < 300 ppb and toluene limit is <150 ppb. TOD should be < 1000 ppm

2C-35 benzene limit is < 300 ppb and toluene limit is < 150 ppb. TOD should be < 1000 ppm

EPA-741 total TPA is < 1000 ppb. Oil and Grease should be <15 ppm. TOC should be < 50 ppm

(TOC = TOD / 2.7)

OF-711 TOD should be < 15 ppm

CONFIDENTIAL

DO 008571