

September 13, 2006

Ms. Jennifer Easterly
Wisconsin Department of Natural Resources
625 E. County Road Y, Suite 700
Oshkosh, WI 54901-9731

RECEIVED

SEP 15 2006

WASTE & MATERIALS
MANAGEMENT PROGRAM

Re: Ripon FF/NN Landfill, Gas Monitoring Update

Dear Jennie:

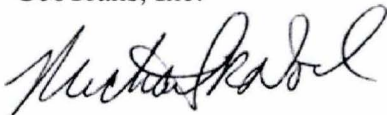
Per your reply to my email dated September 12, 2006, I am sending you a hard copy of updated tables and charts of the landfill gas monitoring through August 2006. A copy is also being sent to Mr. Lee Archiquette in Madison as you requested.

As indicated in my email, methane concentrations within the landfill show continued reduction at some locations while most have stabilized. Landfill gas VOCs indicate vinyl chloride is highest in the gas vents in the center Leg 2 (GV-6 and GV-7)) and southern Leg 3 (GV-1 and GV-9). Very little vinyl chloride is present in the northern Leg 1 (GV-4 and GV-12) or in any of the leachate head wells (LC-1, LC-2 and LC-3). Monitoring of the gas probes and wells outside the limits of fill indicate that the gas extraction system has significantly reduced gas migration from the fill area. Gas concentrations in the exterior wells and probes are consistently below the methane LEL. These results will be incorporated into the next progress report.

If you have any questions please feel free to contact me.

Sincerely,

GeoTrans, Inc.



Michael R. Noel, P.G.
Vice President, Principal Hydrogeologist

Attachments

cc: Lee Archiquette, WDNR w/ attachments
Nelson Olavarria, Cooper Industries, w/o attachments
Steve Barg, City of Ripon, w/o attachments

Table 6. Landfill Gas Analytical Results
FF/NN Landfill, Ripon, WI

Sampling Point ID	Date	Benzene	Chlorobenzene	Chloroethane	Chloromethane	1,3-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-dichloro-1,1,2,2-tetrafluoroethane	Ethylbenzene	Methylene Chloride	Tetrachloroethene	Total Hydrocarbons as gas	Toluene	1,1,1-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes	
GP-1	9/29/04	31.2		208.0			2,980.0																		
	1/28/05				0.6												1.8								
GP-2	9/29/04	61.1	58.1	70.6	73.0		347.0			343.0	22.5	220.0			23.1				72.8						410.0
	1/28/05						270.0			470.0		190.0				4,600									
GP-3	9/29/04	102.0		689.0			909.0		110.0	6,660.0	229.0	131.0							205.0						25,400.0
	1/28/05			450.0			590.0			4,500.0						4,800									12,600.0
	6/2/06									464.0			105.0			10,900	708.0								72.9
LC-1	9/29/04			9.1			70.8					9.5													
	1/28/05						553.0			1,080.0		178				10,400									130.0

Pilot Test																										
GV-1 & GV-3	05/10/05																11,700	2,200.0							1,100.0	400.0
GV-2 & GV-4 & LC-3	05/11/05									2,200.0			320.0				11,400	2,500.0							2,900.0	890.0

O&M																										
Leg 1	6/2/06	76.4	102.0	26.6			42.8						469.0				56,600	259.0		17.7			91.4	76.3	116.0	972.0
Leg 1 (Avg GV-4, GV-12, LC-1)	7/28/06	40.4	37.3	58.3	-	-	1,268.2	20.4	-	88.4	-	349.0	188.0	-	-		17,900	140.3	14.2	8.8	63.7	-	-		132.6	472.9
Leg 2	6/2/06	61.4	101.0										213.0				42,600	10,600.0					21.3	40.1		787.1
Leg 2 (Avg GV-6, GV-7, LC-2)	7/28/06	230.4	189.3	212.7	-	5.0	1,026.3	14.2	-	1,564.7	16.2	229.7	1,122.7	36.2	27.0		47,900	35.7	27.9	85.4	12.7	63.7	47.7	3,652.0	4,764.2	
Leg 3	6/2/06	136.0	27.2	121.0		15.9	26.5	22.6		18,100.0	45.9		333.0	27.1			20,500	5,980.0		108.0					17,700.0	873.0
Leg 3 (Avg GV-1, GV-12, LC-3)	7/28/06	62.1	15.2	-	-	-	161.2	13.6	-	1,247.2	-	-	39.4	9.3	-		7,283	524.6	-	31.5	7.0	-	-		7,233.3	526.2

GV-1 (Leg 3)	7/28/06	117.0	21.8				83.6	40.9		3,660.0			65.1	28			12,000	434.0		94.5					10500.0	146.2
GV-4 (Leg 1)	7/28/06	90.3	66.3	97.5			3,300.0	15.5		16.2		843	264.0				16,700	107.0		105					332.0	521.8
GV-6 (Leg 2)	7/28/06	172.0	117.0	373			1,070.0	42.6		19.0		281	323.0				27,500	107.0	27.9		38				3,590.0	649.5
GV-7 (Leg 2)	7/28/06	72.3	46.9			14.9	949.0			825.0			255.0	20			18,000	103.0		18.1					7,200.0	637.0
GV-9 (Leg 3)	7/28/06	69.4	23.7				400.0			81.6			53.0				9,850	69.8		21					11,200.0	92.5
GV-12 (Leg 1)	7/28/06	31.0	45.7	77.4			433.0	45.7		249.0		36.1	151.0				13,400	196.0	42.5	26.4	86				65.8	333.8
LC-1 (Leg 1)	7/28/06	117.0					71.6					168	149.0				23,600	118.0								563.0
LC-2 (Leg 2)	7/28/06	447.0	404.0	265			1,060.0			3,850.0	48.7	408	2,790.0	88.6	81		98,200	8,920.0		238		191	143	166.0	13,006.0	
LC-3 (Leg 3)	7/28/06									516.0								1,070.0								1,340.0

Values in ppbv (parts per billion by volume)
Analyzed using EPA Method TO-14A

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
Extraction Points			variable	variable	<5	<40					target percentages
GV-1	11:33	3/20/06	10.2	8.1	14.9	66.8					pre-startup
	10:08	3/22/06	17.2	11.7	14.8	56.3	0.25				
	11:33	3/22/06	10.2	8.1	14.9	66.8					
	15:38	3/22/06	48.6	29.2	1.4	20.8					
	8:39	3/23/06	43.2	26.9	1	28.9					
	16:40	3/23/06	41.1	21.9	2.4	34.6					
	15:00	3/24/06	11.5	8.6	13.4	66.5					
	14:50	3/28/06	8.7	7.4	13.4	70.5					
	19:02	3/30/06	21.1	19.6	2.4	56.9		8	1	60	
	13:20	4/5/06	23	17	9.8	50.2					
	13:15	4/6/06	8	8.2	13.3	70.5					
	13:30	4/11/06	10.2	13.4	6.7	69.7					
	10:51	4/14/06	12.1	16.6	2.3	69		0	0	89	
	15:32	4/14/06	22.8	24.9	1	51.3		430	34	67	
	10:15	4/17/06	19.6	24.6	5	50.8					
	19:36	4/27/06	11.3	16.8	1.9	70		315		49	
	13:22	5/4/06	0.4	0.1	2.5	97					
	10:30	5/22/06	5.9	19	3	72.1					
	14:32	6/2/06	6.6	19.5	3.4	70.5					
	8:35	6/9/06	7.9	17.8	6.4	67.9					
	12:04	6/14/06	7.1	10.8	15.4	66.7					
	10:57	6/22/06	6.3	19.5	5.6	68.6					
	11:31	07/05/2006	5.3	20	5.9	68.8					
	10:45	7/10/06	4.7	18.8	5.2	71.3					
	10:11	7/17/06	5.7	19.8	5.7	68.8					
	14:11	7/28/06	5.8	19.7	5.3	69.2					
	10:04	8/8/06	4.6	18.2	6.4	70.8					
	9:16	8/16/06	2.4	1.3	7.1	89.2					
	8:33	8/21/06	4.3	18	7.5	70.2					
	2:18	8/28/06	3.4	18.2	8.1	70.3					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
GV-4	11:23	3/20/06	15.6	15.9	9.1	59.4					pre-startup
	10:04	3/22/06	45	26.7	2.7	25.6	1				
	15:30	3/22/06	54	32.9	0.9	12.2					
	8:33	3/23/06	50.6	32.3	0.9	16.2					
	16:32	3/23/06	42.4	26	0.8	30.8					
	14:56	3/24/06	30	15.7	16	38.3					
	14:20	3/28/06	10.5	9.9	8.9	70.7					
	19:25	3/30/06	27.4	25.4	1.6	45.6	270	21	53		
	13:15	4/5/06	16	16.9	8.2	58.9					
	12:45	4/6/06	14.2	15.1	8.8	61.9					
	13:05	4/11/06	11.7	12.9	11.5	63.9					
	10:47	4/14/06	22.7	23.6	1.6	52.1	330	26	76		
	15:24	4/14/06	15.5	30.4	2.5	51.6	435	34	62		
	9:55	4/17/06	10	15.5	7.6	66.9					
	19:25	4/27/06	8.1	15.2	3.7	73	400		51		
	13:07	5/4/06	7.4	15.3	5.3	72					
	10:15	5/22/06	6.8	16.4	5.8	71					
	14:45	6/2/06	14.1	31.6	5.1	49.2					
	8:18	6/9/06	10.1	0.6	8	81.3					
	12:32	6/14/06	10.4	21.1	7.7	60.8					
	11:30	6/22/06	0.6	0.4	19.9	79.1					
	12:04	7/5/06	12.7	8.8	5.1	73.4					
	11:28	7/10/06	6.3	24.5	2.5	66.7					
	10:48	7/17/06	5.7	21	5.4	67.9					
	13:58	7/28/06	8	25.3	2.8	63.9					
	9:44	8/8/06	6.2	23	4	66.8					
	9:03	8/16/06	6.1	23.2	4	66.7					
	8:17	8/21/06	7	0.5	4.6	87.9					
	2:06	8/28/06	7.4	25.9	3.9	62.8					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
GV-6	11:19	3/20/06	0.4	0.2	20.9	78.5					pre-startup
	10:00	3/22/06	45.9	26.6	2.6	24.9	1				
	15:49	3/22/06	54.2	31.6	0.9	13.3					
	8:47	3/23/06	51.5	29.5	1.3	17.7					
	16:50	3/23/06	45	25.4	3.8	25.8					
	15:30	3/24/06	24	13.9	15	47.1					
	14:30	3/28/06	13.2	10	12.9	63.9					
	19:00	3/30/06	34.4	24.9	2.9	37.8		295	23	57	
	13:25	4/5/06	22.9	18.7	8.2	50.2					
	12:55	4/6/06	21.9	17.4	7.9	52.8					
	13:10	4/11/06	23.8	20.2	5.9	50.1					
	10:56	4/14/06	26.9	23.4	2.3	47.4		305	24	67	
	15:53	4/14/06	21.3	28.5	5.4	44.8		225	13	68	
	10:00	4/17/06	31.3	34	3	31.7					
	19:55	4/27/06	15.6	19.8	4	60.6		215		49	
	13:15	5/4/06	0	0	2.4	97.6					
	10:19	5/22/06	16.2	24.6	1.3	57.9					
	8:23	6/9/06	24.4	32.8	6.2	36.6					
	12:37	6/14/06	22.8	29.3	5.6	42.3					
	10:46	6/22/06	12.1	23	5.4	59.5					
	12:07	7/5/06	13.7	24.7	4.9	56.7					
	11:33	7/10/06	12.6	26.2	4	57.2					
	10:54	7/17/06	12.7	25.6	3.9	57.8					
	14:04	7/28/06	4.8	24.5	4.4	66.3					
	9:53	8/8/06	14.8	29.1	2.3	53.8					
	9:06	8/16/06	14.8	27.1	4.1	54					
	8:22	8/21/06	12.7	8.6	3.8	74.9					
	2:10	8/28/06	16.6	25.7	5	52.7					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
GV-7	11:17	3/20/06	9.3	6.8	15.8	68.1					pre-startup
	9:58	3/22/06	44	24.8	1.3	29.9	1				
	15:46	3/22/06	11.1	24.5	1.3	63.1					
	8:44	3/23/06	36.7	25	1.6	36.7					
	14:40	3/24/06	8.2	6.8	15.3	69.7					
	14:40	3/28/06	8.5	8.3	12.7	70.5					
	19:13	3/30/06	19.8	18.8	3.2	58.2	311	24	51		
	13:30	4/5/06	11.5	12.5	9.8	66.2					
	13:00	4/6/06	8.1	8.5	12.5	70.9					
	13:15	4/11/06	13.9	16.6	4.8	64.7					
	10:55	4/14/06	13.9	17.1	2.3	66.7	340	27	63		
	15:39	4/14/06	28.6	29.2	3.5	38.7	280	22	66		
	10:05	4/17/06	13.1	18.3	7.9	60.7					
	19:45	4/27/06	8.7	13.6	5.4	72.3	226		49		
	13:17	5/4/06	0	0	6.3	93.7					
	10:23	5/22/06	6.7	15.1	7	71.2					
	8:26	6/9/06	9.8	24.8	9.1	56.3					
	12:40	6/14/06	8.2	13.5	8.7	69.6					
	10:48	6/22/06	5.6	15.4	7.8	71.2					
	12:14	7/5/06	5.2	17.1	7.4	70.3					
	11:35	7/10/06	0	0	5.6	94.4					
	11:00	7/17/06	4.6	16.4	7	72					
	14:07	7/28/06	6.2	16.7	6.7	70.4					
	9:59	8/8/06	4.9	15.6	7.9	71.6					
	9:08	8/16/06	5.6	15.1	8.3	71					
	8:25	8/21/06	1.6	4.2	9.3	84.9					
	2:12	8/28/06	5.2	14.8	8.8	71.2					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
GV-9	11:13	3/20/06	16.8	14	9.7	59.5					pre-startup
	9:56	3/22/06	42.7	27.8	0.8	28.7	1				
	15:42	3/22/06	47.8	30.5	1.3	20.4					
	8:42	3/23/06	49	31.4	1	18.6					
	16:43	3/23/06	56.4	36.6	0.9	6.1					
	16:48	3/23/06	38	28.3	1.7	32					
	15:10	3/24/06	11.2	9.3	14	65.5					
	15:00	3/28/06	8.8	8.9	12.8	69.5					
	19:05	3/30/06	25.8	26.3	1.5	46.4		236	18	54	
	13:40	4/5/06	14.1	17.7	7.8	60.4					
	13:20	4/6/06	11	13.7	10	65.3					
	13:25	4/11/06	8.9	11.8	11.2	68.1					
	10:53	4/14/06	15.7	20.6	1.4	62.3		270	21	67	
	15:36	4/14/06	12.8	19	2.9	65.3		390	30	63	
	10:20	4/17/06	11.2	15.7	11.6	61.5					
	19:40	4/27/06	9.6	16.8	3.7	69.9		311		48	
	13:24	5/4/06	0	0.1	3.7	96.2					
	10:33	5/22/06	6.3	17.9	4.4	71.4					
	8:38	6/9/06	5.2	15.6	7	72.2					
	13:00	6/14/06	12.4	31	6.1	50.5					
	11:01	6/22/06	5.1	18.4	5.9	70.6					
	11:35	7/5/06	5.8	20.5	4.8	68.9					
	10:48	7/10/06	0.9	22.4	2.8	73.9					
	10:14	7/17/06	6	20.6	5.6	67.8					
	14:12	7/28/06	7	20.7	4.4	67.9					
	10:06	8/8/06	5.4	19.6	5.3	69.7					
	9:25	8/16/06	9.8	6.4	6	77.8					
	8:35	8/21/06	0.4	0.8	6.9	91.9					
	2:20	8/28/06	5.6	18.8	7.2	68.4					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
GV-12	11:05	3/20/06	11.5	17.7	5.4	65.4					pre-startup
	9:50	3/22/06	36	26.8	2.1	35.1	1				
	10:16	3/22/06	34.8	24.3	1.9	39	1				
	15:28	3/22/06	34.4	26	0.8	38.8					
	8:25	3/23/06	32.9	31	2.1	34					
	16:30	3/23/06	24.1	20.2	2.7	53					
	14:20	3/24/06	4.7	4.8	17.1	73.4					
	14:10	3/28/06	4.4	5.5	9.9	80.2					
	19:28	3/30/06	13.1	16.7	5.8	64.4		630	49	45	
	13:10	4/5/06	6.7	9.4	12.4	71.5					
	12:40	4/6/06	6.8	9	12.3	71.9					
	13:00	4/11/06	5.4	8.3	13	73.3					
	10:42	4/14/06	11.3	17.8	3.6	67.3		720	56	87	
	15:19	4/14/06	4.5	10.7	9.2	75.6		378	30	67	
	9:50	4/17/06	2.1	6.1	14.5	77.3					
	19:16	4/27/06	3.7	9.2	9.6	77.5					
	13:04	5/4/06	3.8	9.8	10.4	76					
	10:12	5/22/06	3	10.8	10.2	76					
	8:15	6/9/06	3.9	11.9	11.5	72.7					
	12:29	6/14/06	5.9	14.2	10.5	69.4					
	10:36	6/22/06	4.3	13.2	9.7	72.8					
	12:01	7/5/06	3.4	13	10.5	73.1					
	11:25	7/10/06	5.3	20.02	4.1	70.58					
	10:45	7/17/06	3.4	14.4	8.7	73.5					
	13:55	7/28/06	4.5	18.1	6.5	70.9					
	9:40	8/8/06	4.1	17.2	6.7	72					
	9:35	8/16/06	0.7	2.8	17.5	79					
	8:14	8/21/06	0.1	0.2	6.5	93.2					
	2:05	8/28/06	5.3	18.7	6.7	69.3					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
LC-1	11:31	3/20/06	61.5	37.7	0.7	0.1					pre-startup
	10:02	3/22/06	43.6	26.3	6.4	23.7	1				
	15:32	3/22/06	56	33.3	3.8	6.9					
	8:29	3/23/06	50.1	29.5	4.3	16.1					
	16:35	3/23/06	44.2	24.6	4.9	26.3					
	15:40	3/24/06	18.8	11.8	15.9	53.5					
	14:25	3/28/06	7	8.7	10.8	73.5					
	18:58	3/30/06	15.8	21	6.9	56.3	4	0	62		
	13:50	4/5/06	11.2	17.1	9.8	61.9					
	12:50	4/6/06	6.2	9	13.9	70.9					
	13:10	4/11/06	9.6	16.7	8.6	65.1					
	10:45	4/14/06	11.2	17.9	7.2	63.7	2	0	91		
	15:26	4/14/06	12.2	24.1	4	59.7	30	2	84		
	9:58	4/17/06	16.7	30.2	5.3	47.8					
	19:12	4/27/06	7.8	17.5	2.9	71.8	35		52		
	13:12	5/4/06	6.1	18.7	2	73.2					
	10:17	5/22/06	5.8	21.6	1.3	71.3					
	12:20	6/2/06	18	22.7	0.6	58.7	41		72		
	8:20	6/9/06	1.1	0.2	20.4	78.3					
	12:34	6/14/06	3.9	0.6	20.2	75.3					
	10:41	6/22/06	3.3	7.6	13.8	75.3					
	12:06	7/5/06	3.7	12.5	10.09	73.71					
	11:31	7/10/06	3.5	10.9	11.8	73.8					
	10:49	7/17/06	3.9	10.7	11.8	73.6					
	14:00	7/28/06	5	12	10.2	72.8					
	9:46	8/8/06	2.7	9.5	12.9	74.9					
	7:20	8/16/06	2.4	6.6	14.5	76.5					
	7:12	8/21/06	0.1	0.2	15.1	84.6					
	2:07	8/28/06	2.1	12.5	12.4	73					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
LC-2	11:09	3/20/06	61.9	36.8	1	0.3					pre-startup
	9:52	3/22/06	50.2	28.3	4.9	16.6	1				
	15:51	3/22/06	49.9	35.2	7.4	7.5					
	8:52	3/23/06	45.2	27.1	6.8	20.9					
	16:52	3/23/06	54.3	32.5	3.5	9.7					
	15:20	3/24/06	25.5	14.8	15.3	44.4					
	15:10	3/28/06	18.7	12	13.5	55.8					
	19:09	3/30/06	52.6	28.7	3.7	15		20	2	60	
	13:45	4/5/06	35.5	20.5	8.2	35.8					
	13:25	4/6/06	33.4	21	9.1	36.5					
	13:35	4/11/06	33.4	21.7	9.9	35					
	10:57	4/14/06	58.5	39.5	2	0		10	1	89	
	15:56	4/14/06	33.6	20	7.9	38.5		10	1	87	
	10:20	4/17/06	30	20	4.3	45.7					
	19:59	4/27/06	51.7	26.8	4.2	17.3		14		49	
	13:28	5/4/06	43.6	24.8	4.2	27.4					
	12:00	5/22/06	48.8	28.9	4.3	18					
	8:41	6/9/06	34.2	20	10.5	35.3					
	13:05	6/14/06	30.1	20.2	8.3	41.4					
	11:05	6/22/06	45.1	35.4	5.1	14.4					
	12:09	7/5/06	44.4	44.5	5.8	5.3					
	10:50	7/10/06	0.1	0.2	5.4	94.3					
	10:15	7/17/06	42.7	32.7	5.8	18.8					
	14:15	7/28/06	43.6	33.4	4.7	18.3					
	9:51	8/8/06	45.4	36.2	4.1	14.3					
	9:30	8/16/06	31.2	24.6	8.6	35.6					
	8:38	8/21/06	2.4	10.2	3.7	83.7					
	2:22	8/28/06	20.01	36.2	4.2	39.59					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
LC-3	11:31	3/20/06	62.3	36.3	0.5	0.9					pre-startup
	10:06	3/22/06	55.9	33.2	3.5	7.4	0.5				
	8:37	3/23/06	53.5	30.5	3.4	12.6					
	16:30	3/23/06	59.9	30.5	2	7.6					
	14:30	3/24/06	8.6	6.7	17	67.7					
	14:45	3/28/06	21.1	14.8	12	52.1					
	19:21	3/30/06	51.2	30.4	1.6	16.8		73	6	58	
	13:35	4/5/06	30.7	22.2	6.6	40.5					
	13:05	4/6/06	19	14.9	11.9	54.2					
	13:20	4/11/06	36.9	26.6	3.5	33					
	10:49	4/14/06	38.2	27.8	1	33		20	2	84	
	15:30	4/14/06	37.7	28.8	1.2	32.3		30	2	85	
	10:10	4/17/06	10.5	0.6	0.8	88.1					
	19:38	4/27/06	27.6	23.6	0.5	48.3		37		50	
	13:20	5/4/06	0	0	8.8	91.2					
	10:25	5/22/06	9.6	15.7	8.9	65.8					
	14:41	6/2/06	0.6	0.1	20.4	78.9					
	8:29	6/9/06	22.5	31.2	4	42.3					
	12:42	6/14/06	20.5	15.6	3.2	60.7					
	10:51	6/22/06	13.1	28.7	3.5	54.7					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
	12:23	7/5/06	13	29.6	1.9	55.5					
	11:38	7/10/06	0	0	1.7	98.3					
	10:17	7/17/06	11.9	28.3	1.8	58					
	14:09	7/28/06	16.3	28.7	1.5	53.5					
	10:02	8/8/06	11.4	28.8	1.5	58.3					
	9:10	8/16/06	11.9	28.4	1.4	58.3					
	8:27	8/21/06	2.4	5.8	1.8	90					
	2:14	8/28/06	12.1	10.2	1.4	76.3					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
Monitoring Points											
GP-1	11:03	3/20/06	18.8	8.1	0.4	72.7					pre-startup
	15:25	3/22/06	17.9	8	0.4	73.7					
	14:10	3/23/06	21.4	11.5	0.2	66.9					
	14:00	3/30/06	0.8	2.4	15	81.8	<0.1				
	13:45	4/6/06	0.6	1.5	16.8	81.1					
	13:40	4/11/06	1.2	0.8	19.3	78.7					
	11:33	4/14/06	0	1.9	14.7	83.4					
	10:28	4/17/06	3.8	4.8	16.8	74.6					
	7:15	4/28/06	2.5	3.2	18.1	76.2					
	13:30	5/4/06	0	3.4	13.9	82.7					
	10:45	5/22/06	0.1	1.2	19.3	79.4					
	12:23	6/2/06	0.1	3.5	12.1	84.3					
	8:02	6/9/06	2.6	2	19.8	75.6					
	12:49	6/14/06	1.1	3.9	15.4	79.6					
	11:10	6/22/06	0.7	1	18.1	80.2					
	11:47	7/5/06	0.6	2.4	14.9	82.1					
	11:15	7/10/06	0.7	4.5	14.1	80.7					
	10:35	7/17/06	0.8	2.9	15.8	80.5					
	13:42	7/28/06	2	1.7	12.2	84.1					
	10:19	8/8/06	4.4	8.5	12.9	74.2					
	8:20	8/16/06	1.4	3.6	15.5	79.5					
	8:05	8/21/06	0.5	0.6	13	85.9					
	1:52	8/28/06	3.4	7.6	11.2	77.8					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
GP-2	9:00	3/22/06	29.5	27.8	0.5	42.2					pre-startup
	14:40	3/23/06	29.1	24.5	0.8	45.6	0				
	14:20	3/30/06	11.5	13.1	10.7	64.7					
	14:05	4/6/06	10.3	12.6	10.2	66.9					
	14:15	4/11/06	5.4	5.7	15.3	73.6					
	11:56	4/14/06	6.8	12.1	8.7	72.4					
	11:00	4/17/06	0	0	20.7	79.3					
	9:55	4/28/06	0	0.1	20.7	79.2					
	14:15	5/4/06	1.5	18.9	3	76.6					
	11:15	5/22/06	0	0	20.5	79.5					
	12:49	6/2/06	1	0.1	19.7	79.2					
	9:00	6/9/06	1.9	0.5	20.4	77.2					
	13:20	6/14/06	4.8	1	20.1	74.1					
	10:00	6/22/06	0.6	0.2	20.4	78.8					
	12:34	7/5/06	0.7	1.5	19.9	77.9					
	11:48	7/10/06	0.7	0.8	19.6	78.9					
	11:15	7/17/06	0.7	1.2	18.8	79.3					
	13:05	7/28/06	0.5	0.7	19.1	79.7					
	10:50	8/8/06	0.6	0.2	19.6	79.6					
	7:53	8/16/06	0.1	0	19.9	80					
	7:40	8/21/06	0.5	0.1	20.4	79					
	1:40	8/28/06	0	0	20.2	79.8					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
GP-3	7:49	3/22/06	1.4	1.9	19.9	76.8					pre-startup
	12:57	3/23/06	0.6	1.2	19.3	78.9	0				
	15:20	3/23/06	2.2	4.5	16.4	76.9	0				
	14:35	3/30/06	2.1	7.6	11.5	78.8					
	14:30	4/6/06	1.6	11.8	7.2	79.4					
	14:40	4/11/06	0.4	4	15.6	80					
	12:11	4/14/06	0	1.5	18.1	80.4					
	11:20	4/17/06	1.4	0.2	20.7	77.7					
	10:50	4/28/06	0.4	0.1	20.7	78.8					
	15:00	5/4/06	0	0	20.4	79.6					
	11:38	5/22/06	0.2	0	2.5	97.3					
	13:18	6/2/06	0.2	0	20.2	79.6					
	9:09	6/9/06	0.8	0.1	20.5	78.6					
	13:45	6/14/06	1.1	0.1	20.4	78.4					
	11:25	6/22/06	0.7	0	20.1	79.2					
	11:19	7/5/06	0.6	0	20.04	79.36					
	10:37	7/10/06	0.6	0	19.6	79.8					
	0:57	7/17/06	0.1	0	19	80.9					
	12:25	7/28/06	0.6	0	19.7	79.7					
	11:32	8/8/06	0.6	0	19.6	79.8					
	7:35	8/16/06	0.5	0	20	79.5					
	7:24	8/21/06	0	0	20.3	79.7					
	1:26	8/28/06	0.1	0	19.9	80					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
GP-4	9:11	3/22/06	0	1.4	20.4	78.2					pre-startup
	15:35	3/23/06	0	0.8	19.8	79.4	0				
	15:40	3/30/06	0.5	0.8	21.8	76.9					
	14:40	4/6/06	0.8	1.3	18.9	79					
	14:35	4/11/06	0.2	0.9	19.2	79.7					
	12:18	4/14/06	0	1.3	18.1	80.6					
	11:35	4/17/06	1.3	0.8	20.4	77.5					
	10:40	4/28/06	0	0.5	20.2	79.3					
	15:10	5/4/06	1.3	0.6	13.2	84.9					
	11:50	5/22/06	0.1	0.2	20.4	79.3					
	13:10	6/2/06	0.2	0.8	19.1	79.9					
	9:12	6/9/06	3.4	1.2	20.2	75.2					
	14:00	6/14/06	0	0	19.9	80.1					
	10:39	6/22/06	6	18.8	6.4	68.8					
	11:26	7/5/06	0.6	0.6	20	78.8					
	10:43	7/10/06	0.4	3.8	19.9	75.9					
	10:08	7/17/06	0.9	0.6	19.6	78.9					
	12:34	7/28/06	0.6	0.4	19.6	79.4					
	9:21	8/8/06	0.6	0.3	19.7	79.4					
	7:42	8/16/06	0.5	0.7	19.9	78.9					
	7:28	8/21/06	0.4	0.5	20.02	79.08					
	1:31	8/28/06	0.5	0.5	20.1	78.9					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
GP-5	9:13	3/22/06	0	4.4	17.6	78					pre-startup
	14:15	3/23/06	0	4.2	17.6	78.2					
	14:05	3/30/06	1.2	2.5	18.8	77.5					
	13:40	4/6/06	1.1	3	17.9	78					
	13:45	4/11/06	0.7	2.7	17.5	79.1					
	12:50	4/14/06	0.1	3.5	15.4	81					
	10:30	4/17/06	0	3.6	16.2	80.2					
	10:35	4/28/06	2.2	7	13	77.8					
	10:40	5/22/06	1.5	8.5	11.2	78.8					
	12:25	6/2/06	0.1	7.2	9.4	83.3					
	8:45	6/9/06	0.1	0.3	10.5	89.1					
	12:18	6/14/06	0.1	0	9.1	90.8					
	11:18	6/22/06	0.7	10.7	10.5	78.1					
	11:51	7/5/06	0.6	11.9	11.1	76.4					
	11:17	7/10/06	0.7	12	10.09	77.21					
	10:22	7/17/06	0.8	11.9	11.1	76.2					
	8:24	7/28/06	0.6	10.06	11.5	77.84					
	10:16	8/8/06	0.6	11.8	10.07	77.53					
	8:35	8/16/06	0.8	10	10.5	78.7					
	8:02	8/21/06	0.5	0.8	10.9	87.8					
	1:54	8/28/06	0.6	11.3	13.3	74.8					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
GP-6	7:45	3/22/06	0	6.1	13.9	80					pre-startup
	15:55	3/23/06	0	4.9	16.3	78.8	0				
	15:15	3/30/06	0	1.7	18.3	80					
	14:25	4/6/06	0	2.8	16.9	80.3					
	14:30	4/11/06	0.7	2.8	17.3	79.2					
	12:04	4/14/06	0	3.8	14.6	81.6					
	11:15	4/17/06	10.4	2.3	17.6	69.7					
	10:30	4/28/06	0	2.5	18.3	79.2					
	14:30	5/4/06	0	2.7	17.9	79.4					
	11:30	5/22/06	3.8	3.9	18.1	74.2					
	13:04	6/2/06	0.2	2.4	17.2	80.2					
	9:25	6/9/06	0.1	0.8	17.7	81.4					
	14:10	6/14/06	1.3	3.3	16.8	78.6					
	9:50	6/22/06	0.5	3.1	17.3	79.1					
	11:13	7/5/06	0.5	3.6	17.1	78.8					
	10:34	7/10/06	0.6	3.9	16.7	78.8					
	9:58	7/17/06	0.1	0.6	16.8	82.5					
	12:10	7/28/06	0.6	3.6	16.5	79.3					
	9:05	8/8/06	0.6	3.5	17	78.9					
	7:29	8/16/06	0.1	0	17.2	82.7					
	7:18	8/21/06	0.5	3.6	18.1	77.8					
	1:21	8/28/06	0	0	18.1	81.9					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
GP-7	7:40	3/22/06	1	7	13	79					pre-startup
	15:50	3/23/06	0.1	5	14.7	80.2					
	15:00	3/30/06	7.1	4.6	18.2	70.1					
	14:20	4/6/06	0.1	2.3	17	80.6					
	14:25	4/11/06	0.2	3.2	16.3	80.3					
	12:07	4/14/06	0.1	5.2	11.8	82.9					
	10:15	4/17/06	10.5	1.3	18.5	69.7					
	10:25	4/28/06	0	1.7	19.2	79.1					
	14:25	5/4/06	1.2	2.2	18.8	77.8					
	11:22	5/22/06	0	1	19.5	79.5					
	13:00	6/2/06	0.2	1.6	18.5	79.7					
	9:20	6/9/06	3.7	2.4	20	73.9					
	14:05	6/14/06	3.1	2.5	19.2	75.2					
	9:45	6/22/06	0.5	1.7	19.1	78.7					
	11:10	7/5/06	0.5	1.5	19.3	78.7					
	10:30	7/10/06	0	0	18.6	81.4					
	9:55	7/17/06	0.1	0	18.5	81.4					
	12:05	7/28/06	0	3.7	18.5	77.8					
	9:00	8/8/06	0.6	1.3	19	79.1					
	7:25	8/16/06	0.5	1.5	19.2	78.8					
	7:16	8/21/06	0.5	1.4	19.8	78.3					
	1:19	8/28/06	0.4	1.2	19.5	78.9					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
GP-8	9:03	3/22/06	0	2.4	18.6	79					pre-startup
	14:50	3/23/06	0	1.9	18.6	79.5	0				
	14:55	3/30/06	3	7.2	14.8	75					
	14:10	4/6/06	0	7	10.9	82.1					
	14:20	4/11/06	0	4.8	13.6	81.6					
	12:25	4/14/06	0	5.4	12.2	82.4					
	11:10	4/17/06	0	0.1	20.7	79.2					
	10:00	4/28/06	0	0.2	20.4	79.4					
	14:20	5/4/06	0	0.2	19.3	80.5					
	11:18	5/22/06	0.6	0.1	20.4	78.9					
	12:55	6/2/06	0.2	0.7	19.3	79.8					
	9:03	6/9/06	2.4	0.6	20.3	76.7					
	13:37	6/14/06	4	1.6	19.6	74.8					
	9:55	6/22/06	0.5	0.5	19.8	79.2					
	12:27	7/5/06	1.6	0.9	19.6	77.9					
	11:45	7/10/06	0.7	1.2	19.2	78.9					
	11:10	7/17/06	0.6	2.3	17.7	79.4					
	12:45	7/28/06	0.6	0.8	19	79.6					
	10:58	8/8/06	17.8	1.3	19.1	61.8					
	7:47	8/16/06	0.1	0.2	19.5	80.2					
	7:33	8/21/06	0.8	1.3	19.6	78.3					
	1:35	8/28/06	0	0	19.1	80.9					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
GP-10	8:58	3/22/06	0	4.5	15.4	80.1					pre-startup
	14:42	3/23/06	0	4.3	15.5	80.2	0				
	14:50	3/30/06	0	1.6	18.7	79.7					
	14:15	4/6/06	0	2.3	17.1	80.6					
	13:55	4/11/06	0	1.5	18.3	80.2					
	11:54	4/14/06	0	1.9	17.4	80.7					
	10:50	4/17/06	0	3	16.5	80.5					
	9:50	4/28/06	0	3.6	15	81.4					
	14:00	5/4/06	0	3.4	15.4	81.2					
	11:04	5/22/06	0	1.3	19	79.7					
	12:45	6/2/06	0.1	1.8	17.6	80.5					
	8:55	6/9/06	0.7	0.9	19.6	78.8					
	13:15	6/14/06	0	0	17.7	82.3					
	10:05	6/22/06	0.6	0.8	19.9	78.7					
	12:38	7/5/06	0.6	5.3	14.9	79.2					
	11:50	7/10/06	0.6	5.5	14.6	79.3					
	11:19	7/17/06	0.6	1.4	19.4	78.6					
	13:09	7/28/06	0.6	1	19.2	79.2					
	11:11	8/8/06	0.6	4.7	14.7	80					
	7:58	8/16/06	0.1	0.2	16.4	83.3					
	7:44	8/21/06	0.4	3.5	17.3	78.8					
	1:42	8/28/06	0	0	17.7	82.3					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
GP-11	9:09	3/22/06	0	3.5	17.6	78.9					pre-startup
	14:27	3/23/06	0	3.4	17.6	79					
	14:40	3/30/06	0	0.8	19.7	79.5					
	13:55	4/6/06	0	1.7	18	80.3					
	14:00	4/11/06	0	0.7	19.8	79.5					
	11:43	4/14/06	0	0.5	18.9	80.6					
	10:55	4/17/06	0.3	0.1	20.4	79.2					
	7:30	4/28/06	0	0.7	20.2	79.1					
	14:05	5/4/06	0	0	19.9	80.1					
	11:07	5/22/06	2.6	0.3	20.4	76.7					
	12:34	6/2/06	1	0.1	20.4	78.5					
	9:45	6/9/06	4.9	0.6	20.2	74.3					
	13:23	6/14/06	0.8	0.3	20	78.9					
	10:10	6/22/06	0.6	0	20.4	79					
	12:41	7/5/06	0.5	1.4	18.5	79.6					
	11:55	7/10/06	0.6	2.5	18.6	78.3					
	11:21	7/17/06	0.5	1.5	18.1	79.9					
	13:15	7/28/06	0.1	0.2	18.2	81.5					
	10:36	8/8/06	0.6	2.2	17.8	79.4					
	8:01	8/16/06	0.1	0	17.9	82					
	7:46	8/21/06	0.5	2.4	19	78.1					
	1:45	8/28/06	0.6	2.6	18.6	78.2					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
GP-12	9:06	3/22/06	0	5.7	13	81.3					pre-startup
	14:22	3/23/06	0	5.5	13.2	81.3					
	14:20	3/30/06	0	2.6	17.7	79.7					
	13:50	4/6/06	0.2	2.1	17.3	80.4					
	13:50	4/11/06	0	2.5	17.1	80.4					
	11:40	4/14/06	0	2.5	15.5	82					
	10:45	4/17/06	1.4	3.7	18.4	76.5					
	12:20	4/28/06	0	2.4	18	79.6					
	13:54	5/4/06	0	0	17.3	82.7					
	11:00	5/22/06	1.4	2.7	17.5	78.4					
	12:28	6/2/06	0.1	1.8	17.4	80.7					
	8:50	6/9/06	0.9	2.1	19.2	77.8					
	13:10	6/14/06	0.1	0	17.5	82.4					
	10:20	6/22/06	0.5	2.2	18.2	79.1					
	11:57	7/5/06	0.6	2.2	18.2	79					
	11:22	7/10/06	0.6	2.7	18.2	78.5					
	10:39	7/17/06	0.7	2.6	17.5	79.2					
	13:28	7/28/06	0.6	1.5	18.2	79.7					
	11:22	8/8/06	0.6	2.6	17.5	79.3					
	8:58	8/16/06	4.1	18.6	10	67.3					
	8:44	8/21/06	0.6	3.2	18.5	77.7					
	2:26	8/28/06	0	0	19.4	80.6					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
MW-101	9:24	3/23/06	2.9	18.1	0.8	78.2					pre-startup
	14:25	3/30/06	1	8	10.9	80.1					
	14:00	4/6/06	0.8	0.2	20	79					
	14:05	4/11/06	0	0	20.3	79.7					
	11:50	4/14/06	0	1.8	17.9	80.3					
	10:58	4/17/06	2	0.3	20.5	77.2					
	7:35	4/28/06	0	0	20.7	79.3					
	14:10	5/4/06	0	0	20.2	79.8					
	11:10	5/22/06	0	0	20.5	79.5					
	12:38	6/2/06	0.2	0	20.4	79.4					
	9:50	6/9/06	1.1	0.2	20.5	78.2					
	13:48	6/14/06	4.1	0.3	20.4	75.2					
	10:15	6/22/06	0	0	20.4	79.6					
	12:46	7/5/06	0.6	20	20.03	59.37					
	12:00	7/10/06	0.6	0	20.02	79.38					
	11:30	7/17/06	0	0	19.8	80.2					
	13:20	7/28/06	0.6	0	19.3	80.1					
	10:41	8/8/06	0.8	0	19.8	79.4					
	8:05	8/16/06	0.1	0	19.6	80.3					
	7:52	8/21/06	0.9	0.1	20.4	78.6					
	1:47	8/28/06	0.6	0.1	20.2	79.1					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
MW-102	14:20	3/23/06	0	0.7	20.5	78.8					pre-startup
	14:15	3/30/06	1	0.5	20.6	77.9					
	13:35	4/6/06	1	0.6	20.3	78.1					
	13:43	4/11/06	0.5	0.3	19.7	79.5					
	11:50	4/14/06	0	0.3	18.6	81.1					
	10:34	4/17/06	0.8	0.7	20.1	78.4					
	14:00	4/28/06	0	0	20.7	79.3					
	13:35	5/4/06	0	0.2	20.5	79.3					
	10:42	5/22/06	0.2	0.1	2.4	97.3					
	8:48	6/9/06	0	0	19.8	80.2					
	12:20	6/14/06	0.1	0	19.5	80.4					
	11:20	6/22/06	0.7	0.1	19.9	79.3					
	11:53	7/5/06	0.6	0	20.04	79.36					
	11:19	7/10/06	0.6	4.7	15.1	79.6					
	10:20	7/17/06	0.9	0.8	19	79.3					
	12:40	7/28/06	0.6	0.6	18.6	80.2					
	10:13	8/8/06	0.6	1.2	18.5	79.7					
	8:42	8/16/06	0.1	0	17.7	82.2					
	8:00	8/21/06	0.1	0	18.5	81.4					
	1:55	8/28/06	0.6	1.8	18.8	78.8					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
MW-103	7:49	3/23/06	0	0.2	21.8	78					pre-startup
	15:30	3/30/06	0	1.9	18.2	79.9					
	14:35	4/6/06	0.4	8	9.4	82.2					
	14:40	4/11/06	0	6.4	10.8	82.8					
	12:15	4/14/06	0	3.2	15.6	81.2					
	11:30	4/17/06	0	0	20.7	79.3					
	10:45	4/28/06	0	0	20.5	79.5					
	15:05	5/4/06	0.4	0	13.5	86.1					
	11:42	5/22/06	0.2	0	20.6	79.2					
	13:14	6/2/06	0.2	0	20.1	79.7					
	9:10	6/9/06	1.1	0.1	20.5	78.3					
	13:30	6/14/06	0.6	0.3	20.4	78.7					
	11:28	6/22/06	0.7	0	20.2	79.1					
	11:27	7/5/06	0.6	0	20.4	79					
	10:40	7/10/06	0	0	19.9	80.1					
	10:06	7/17/06	0.8	0.4	19.4	79.4					
	12:30	7/28/06	0.6	0	19.9	79.5					
	9:17	8/8/06	0.6	0	19.9	79.5					
	7:34	8/16/06	0.1	0	19.9	80					
	7:25	8/21/06	0.5	0	20.06	79.44					
	1:29	8/28/06	0.1	0	20.3	79.6					

Table 5. Landfill Gas Field Parameter Monitoring Results

	Time	Date	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	N (%)	Pressure (Inches H ₂ O)	Velocity feet/min	Extraction CFM*	Temp F	Comments
MW-104	9:29	3/23/06	12.8	18.5	0.8	67.9					pre-startup
	15:45	3/30/06	0	0	20.7	79.3					
	13:10	4/6/06	6.8	8.9	10.5	73.8					
	14:50	4/11/06	4.1	7.1	9.2	79.6					
	11:40	4/17/06	2	0.3	21	76.7					
	14:10	4/28/06	0	0	20.7	79.3					
	15:40	5/4/06	0	0	8.1	91.9					
	10:27	5/22/06	0	0.1	19.9	80					
	8:32	6/9/06	0	0	19.6	80.4					
	12:45	6/14/06	3.2	0.8	18.8	77.2					
	10:54	6/22/06	0.8	0.1	19.7	79.4					
	12:19	7/5/06	0.6	0	20.04	79.36					
	11:40	7/10/06	0.7	0.6	19.8	78.9					
	11:05	7/17/06	0.1	0	19.6	80.3					
	12:38	7/28/06	0.6	0	19.8	79.6					
	9:49	8/8/06	0.6	0	20.02	79.38					
	9:14	8/16/06	0.7	0.2	19.4	79.7					
	8:30	8/21/06	0.1	0.3	18.1	81.5					
	2:16	8/28/06	0	0	17.6	82.4					

* extraction rate based on Schedule 80 pipe diameter (3.786 inches) of extraction points and flow rate taken using hot wire anemometer

Chart 13: GV-1 Gas Concentrations

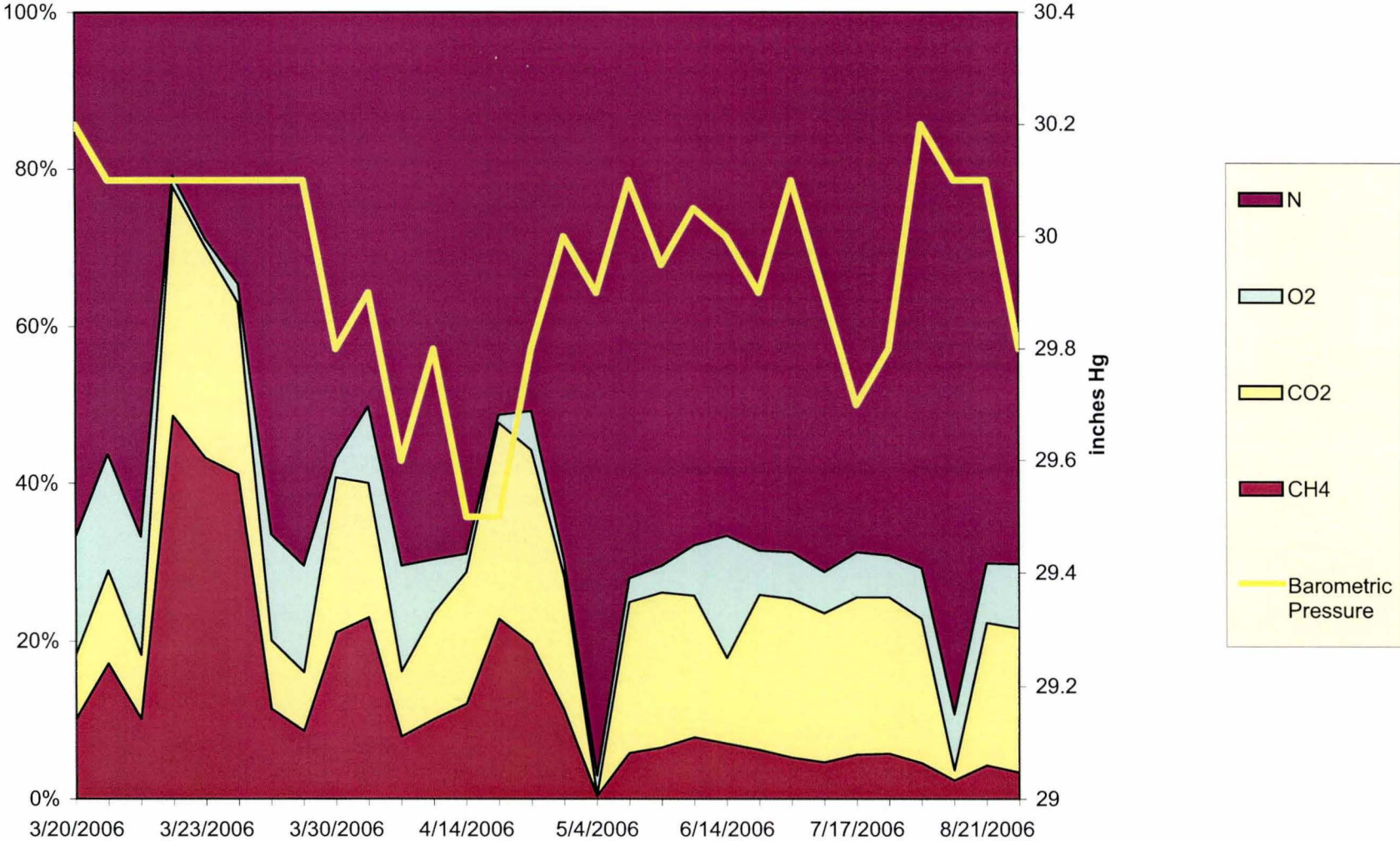


Chart 14: GV-4 Gas Concentrations

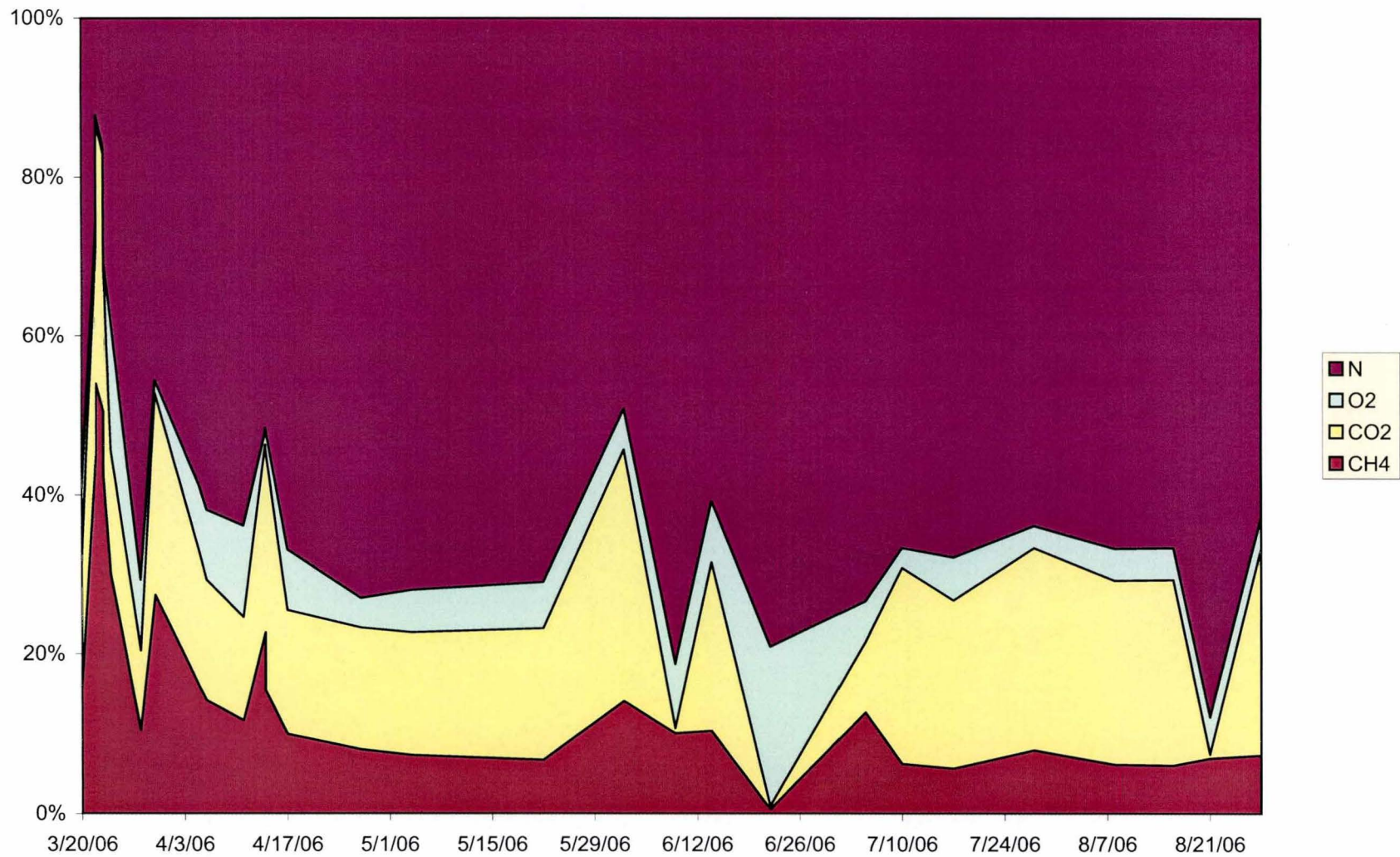


Chart 15: GV-6 Gas Concentrations

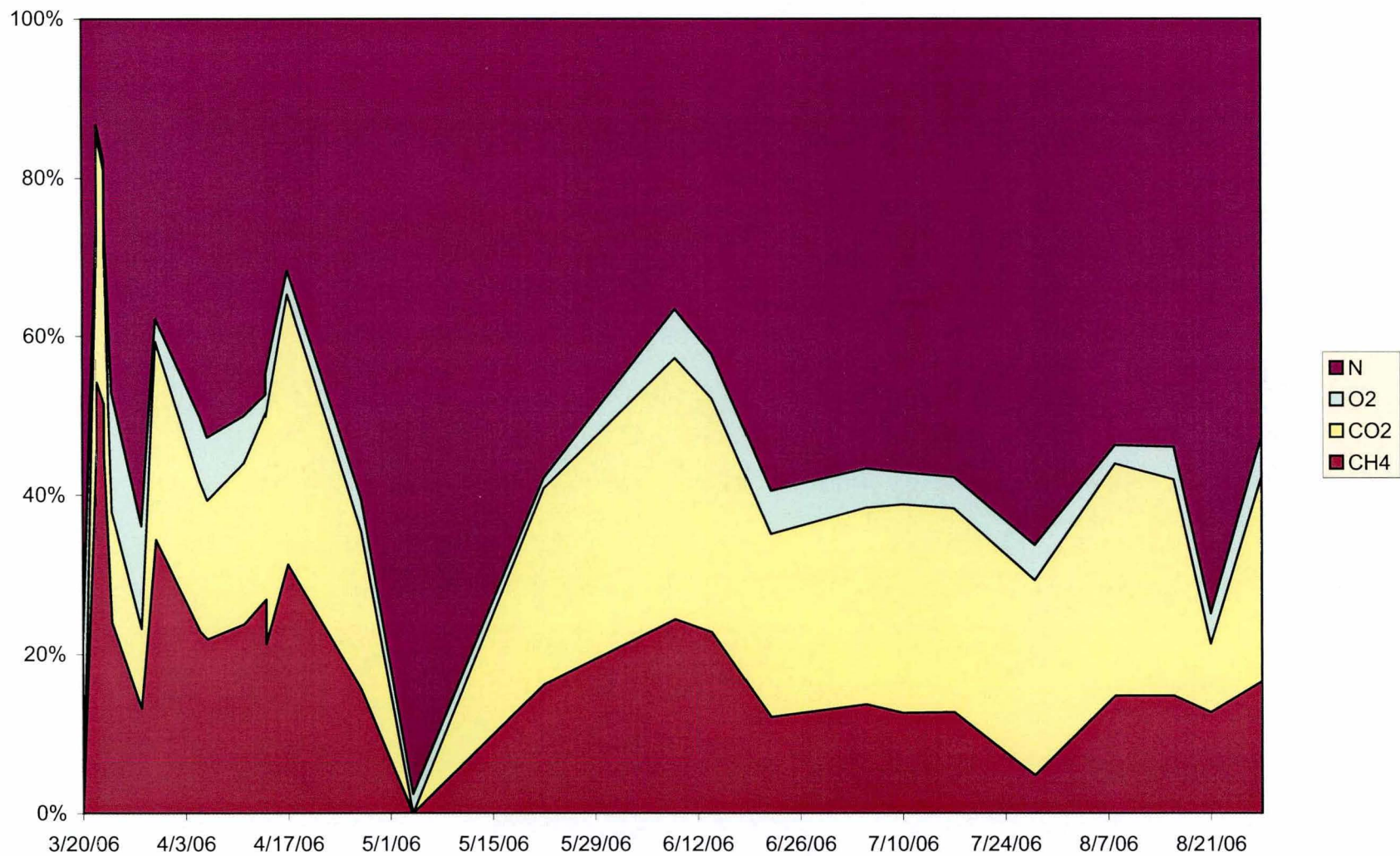


Chart 16: GV-7 Gas Concentrations

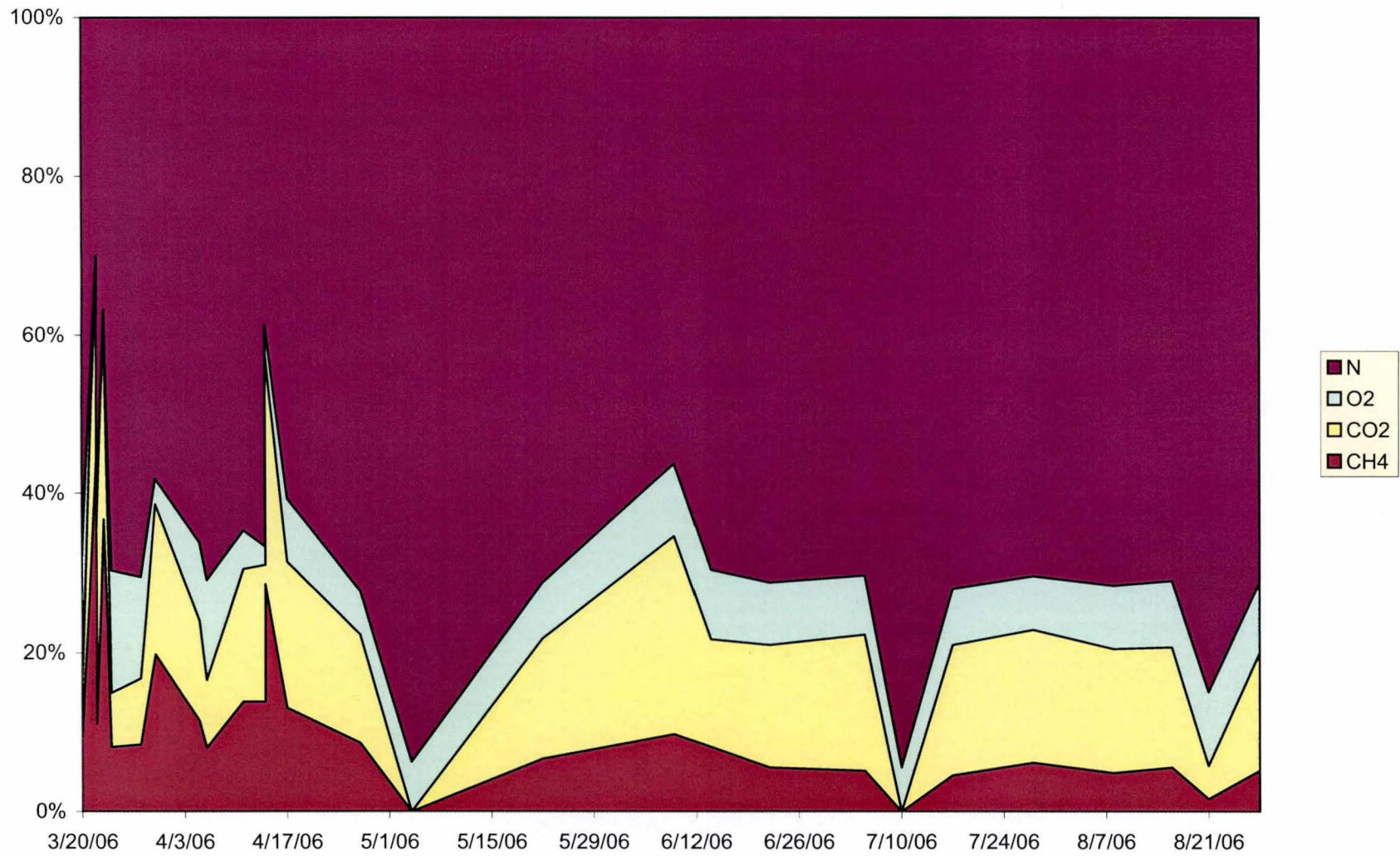


Chart 17: GV-9 Gas Concentrations

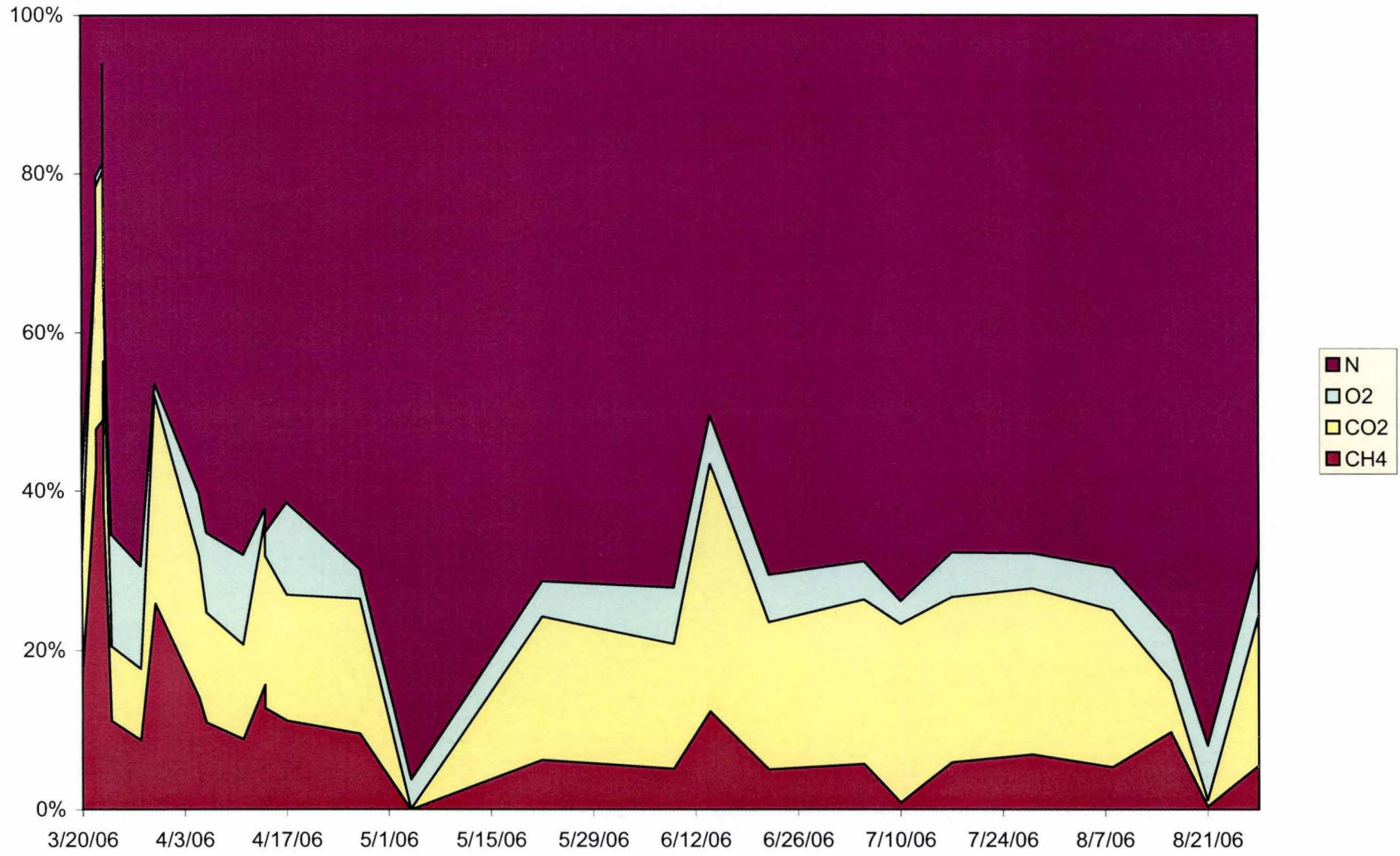


Chart 18: GV-12 Gas Concentrations

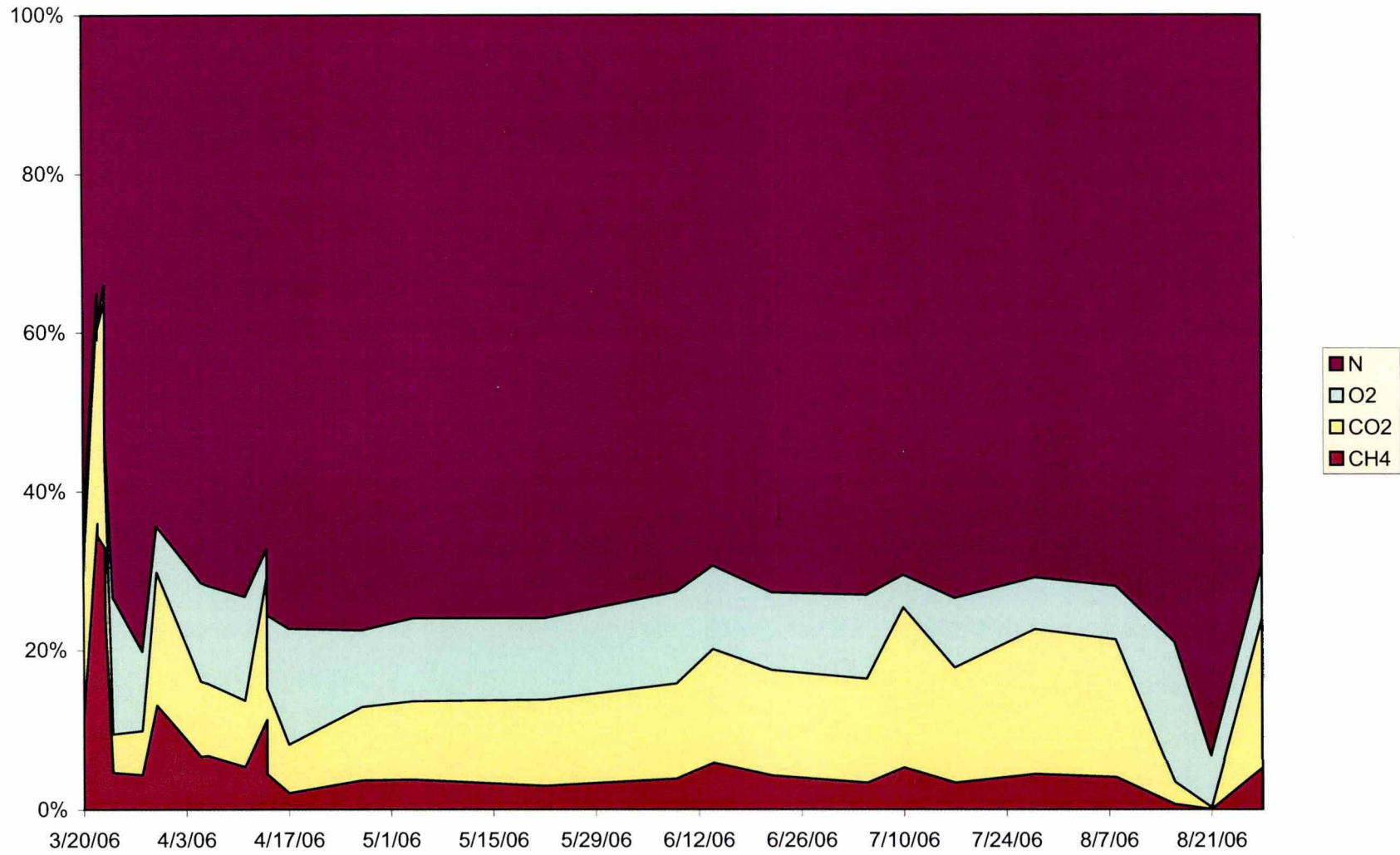


Chart 19: LC-1 Gas Concentrations

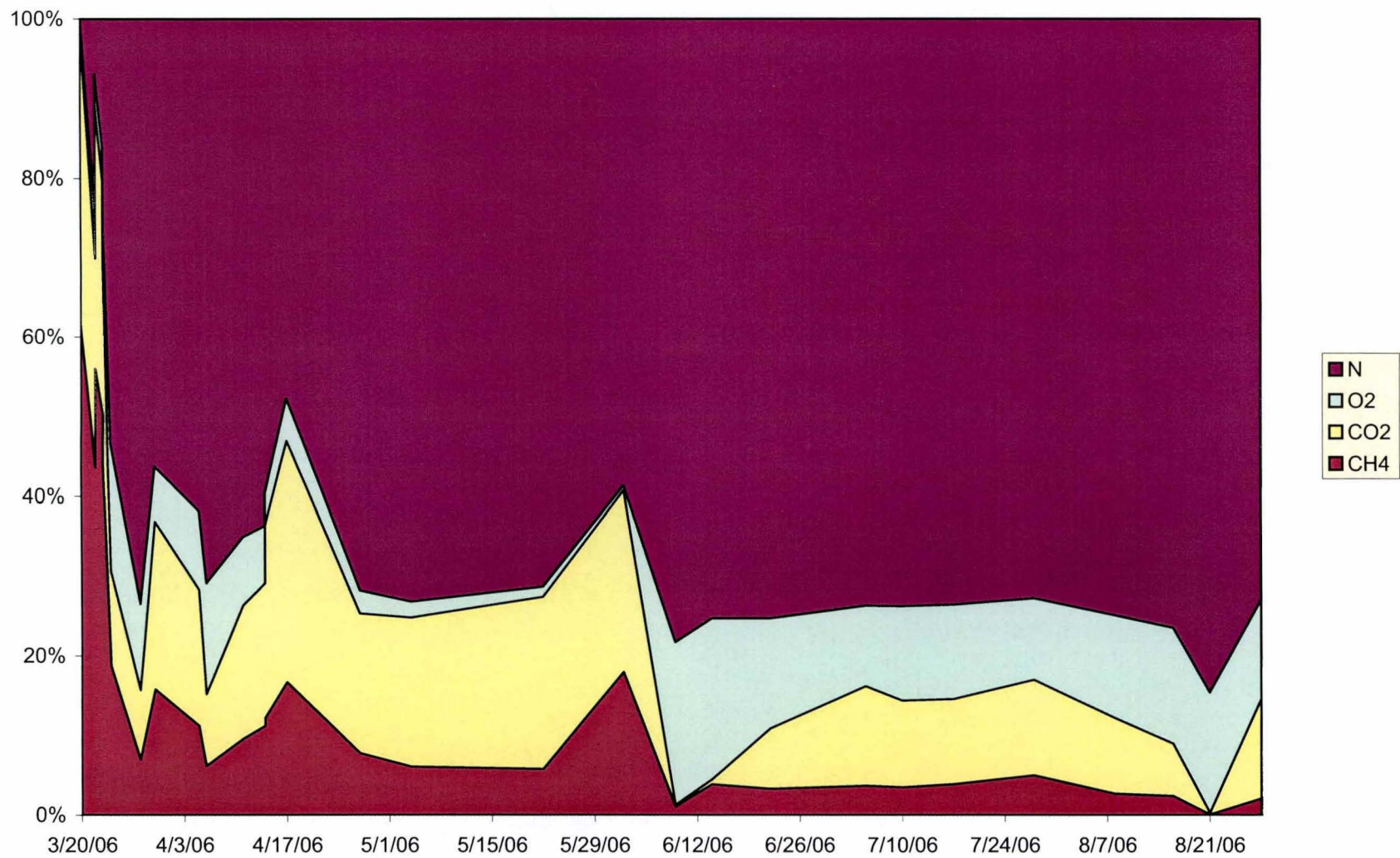


Chart 20: LC-2 Gas Concentrations

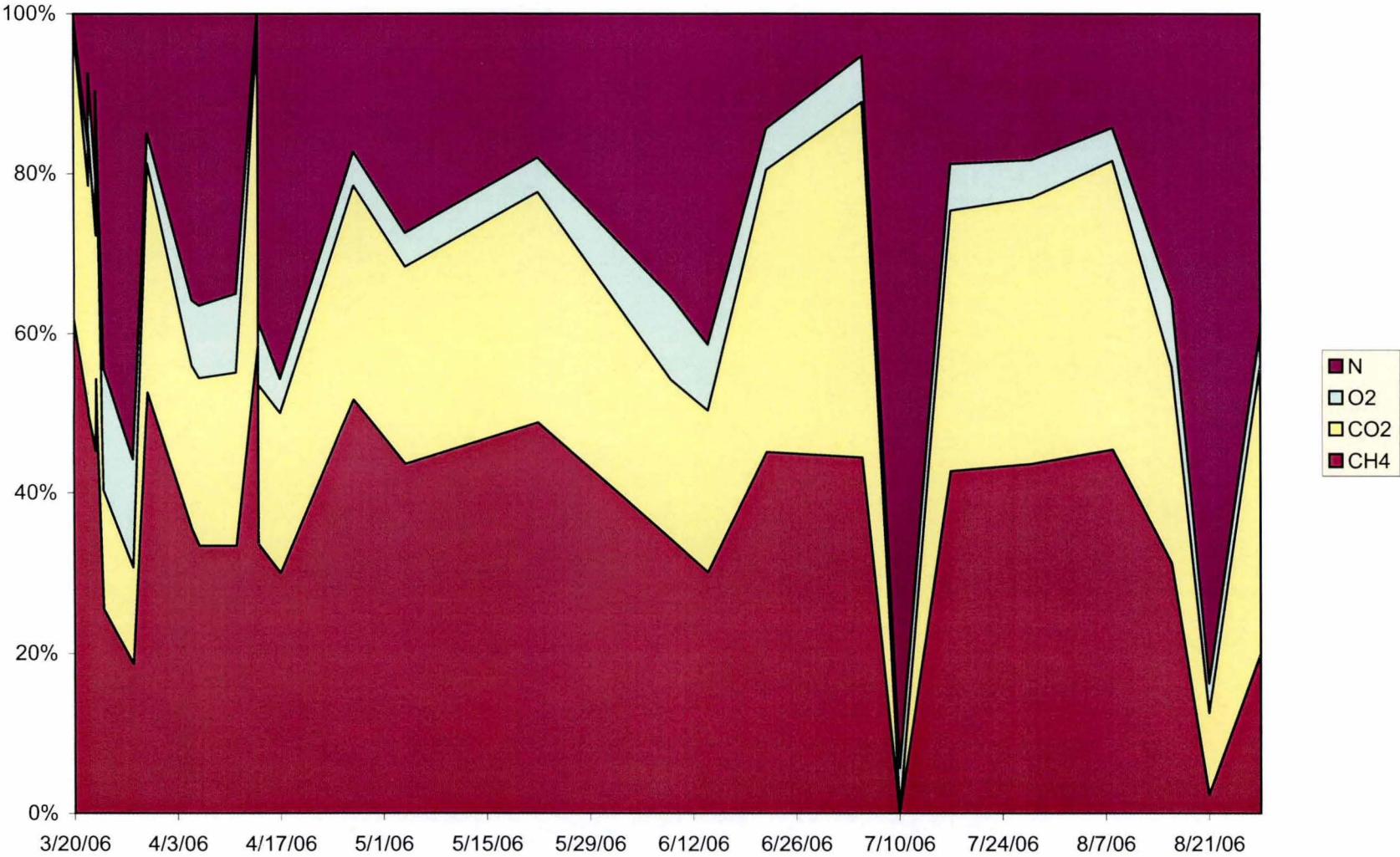


Chart 21: LC-3 Gas Concentrations

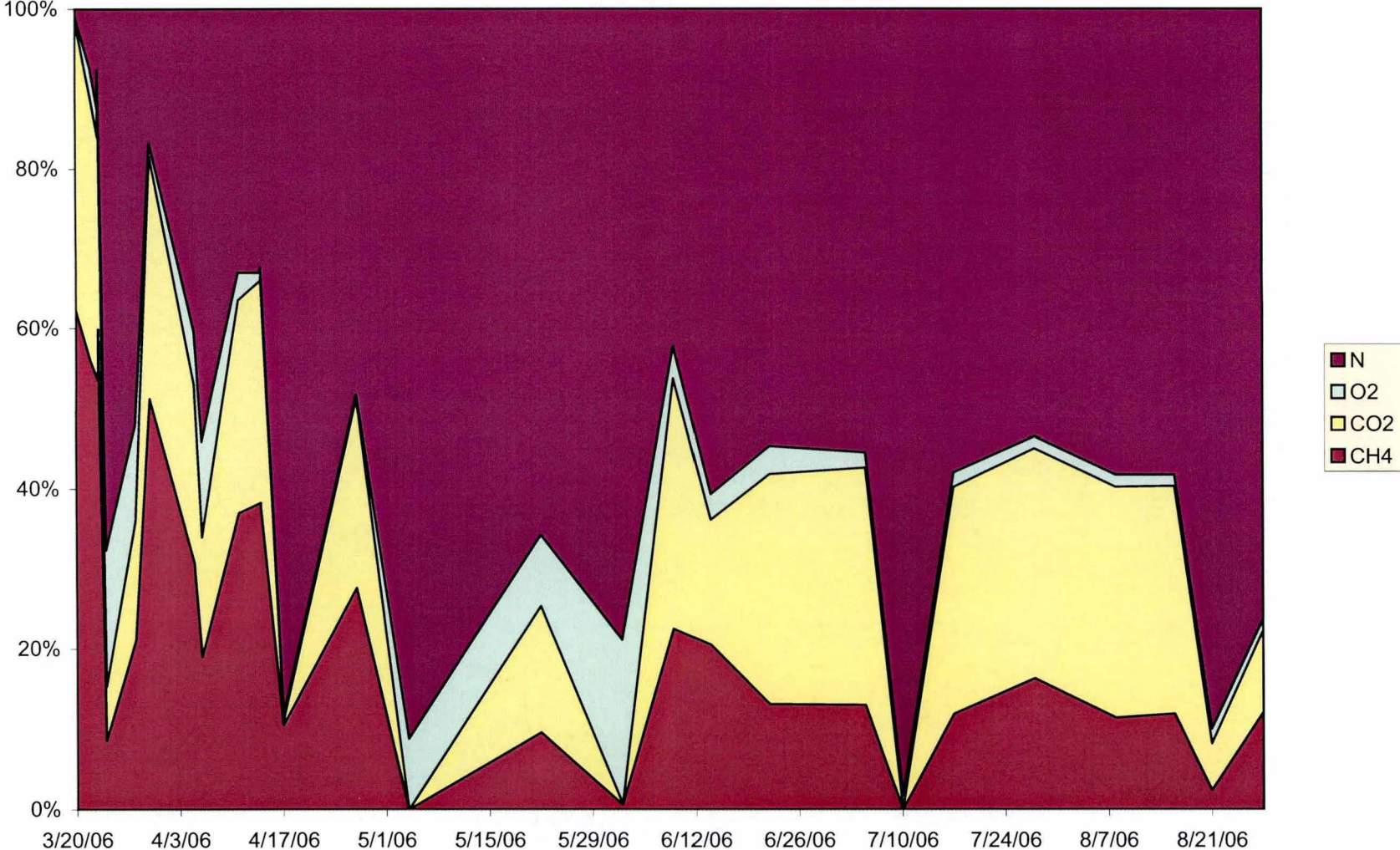


Chart 22: GP-1 Gas Concentrations

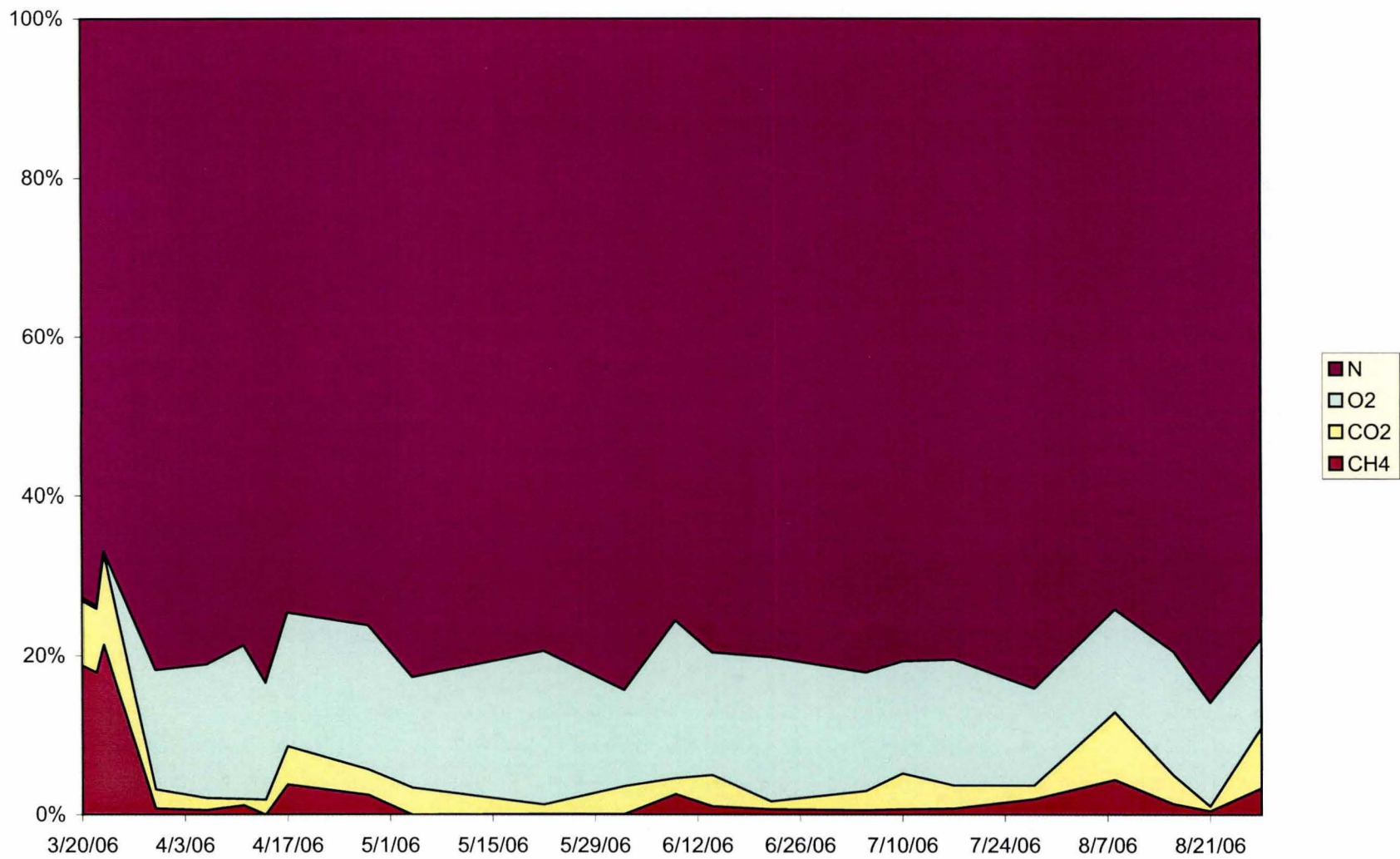


Chart 23: GP-2 Gas Concentrations

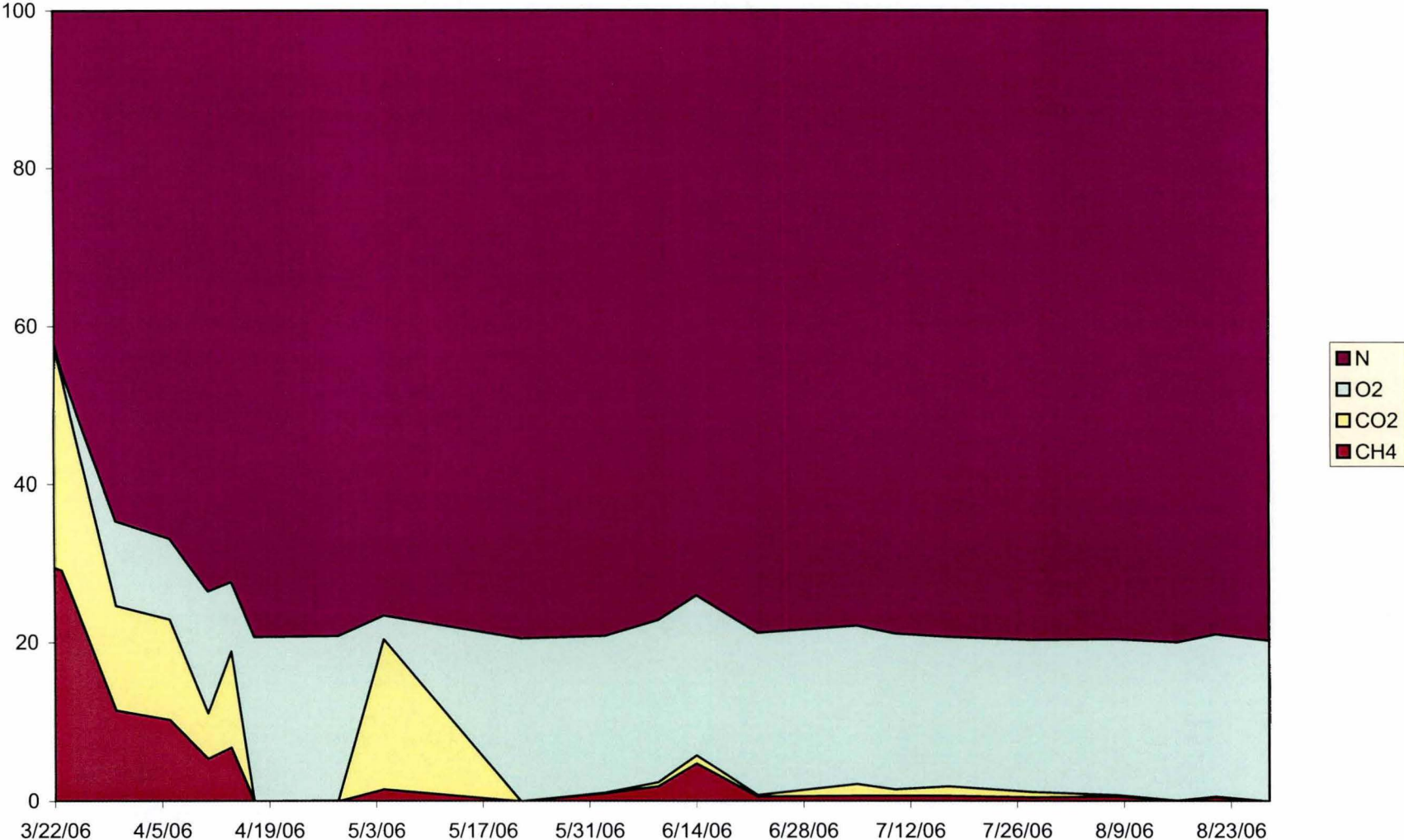


Chart 24: GP-3 Gas Concentrations

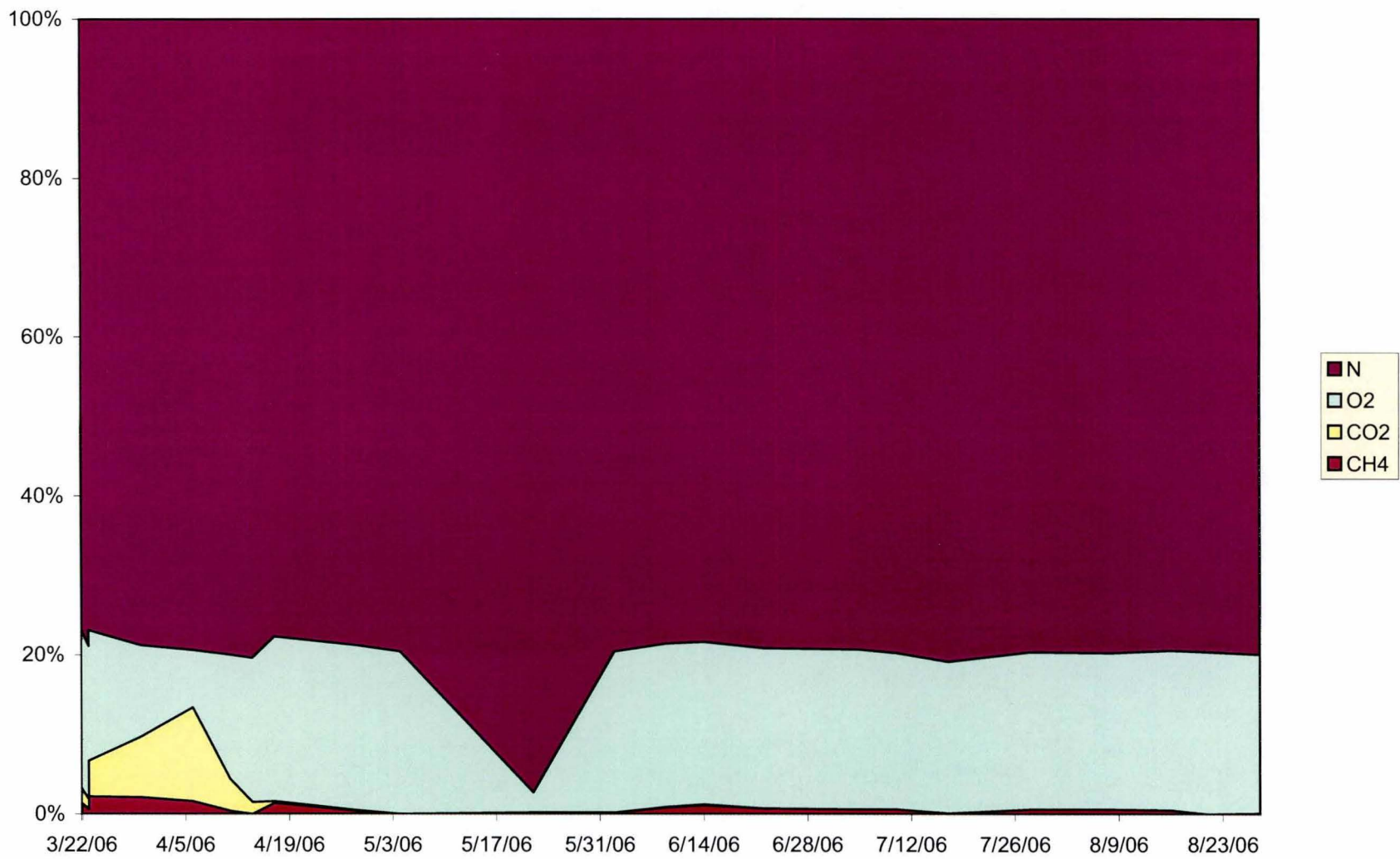


Chart 25: GP-4 Gas Concentrations

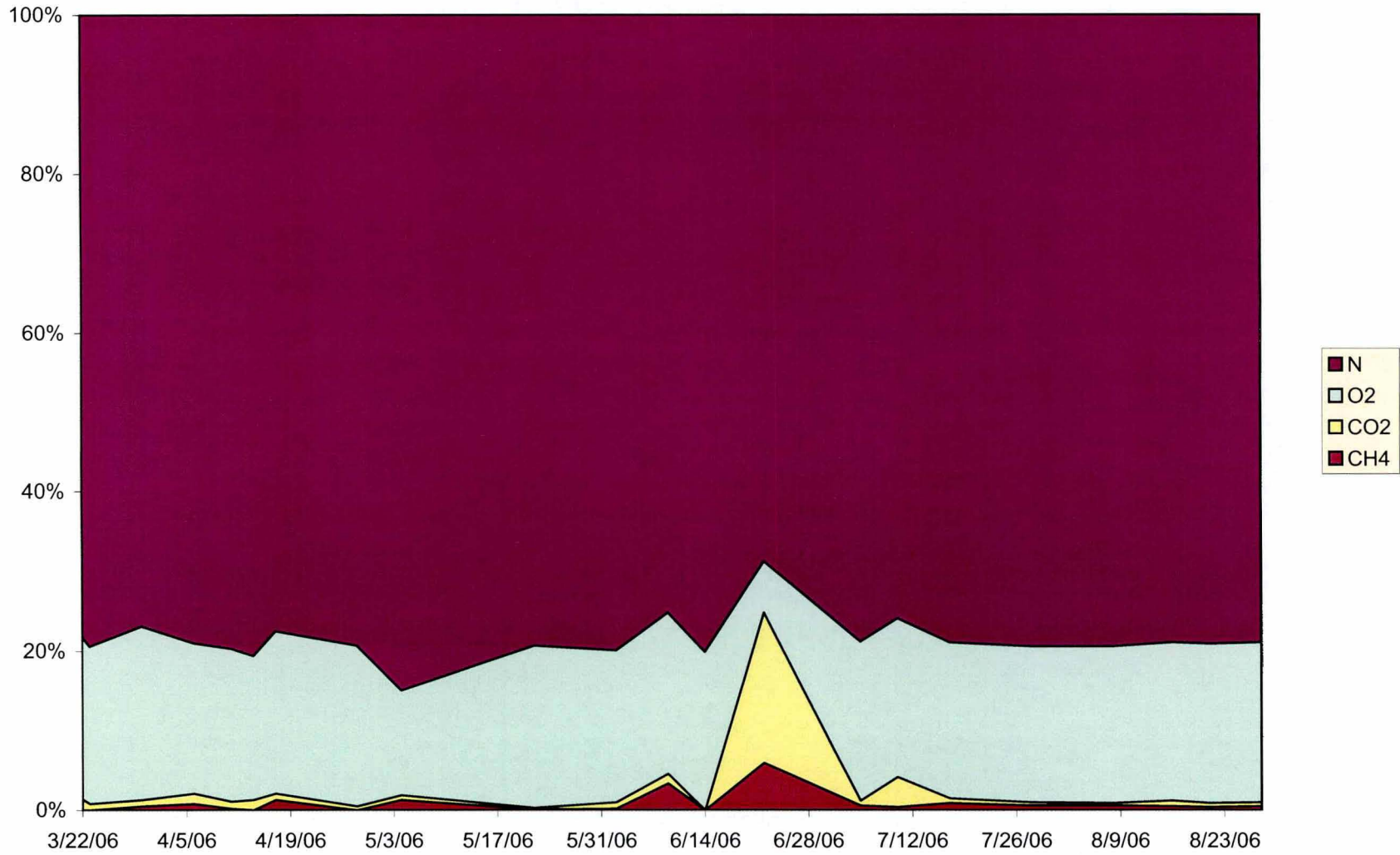


Chart 26: GP-5 Gas Concentrations

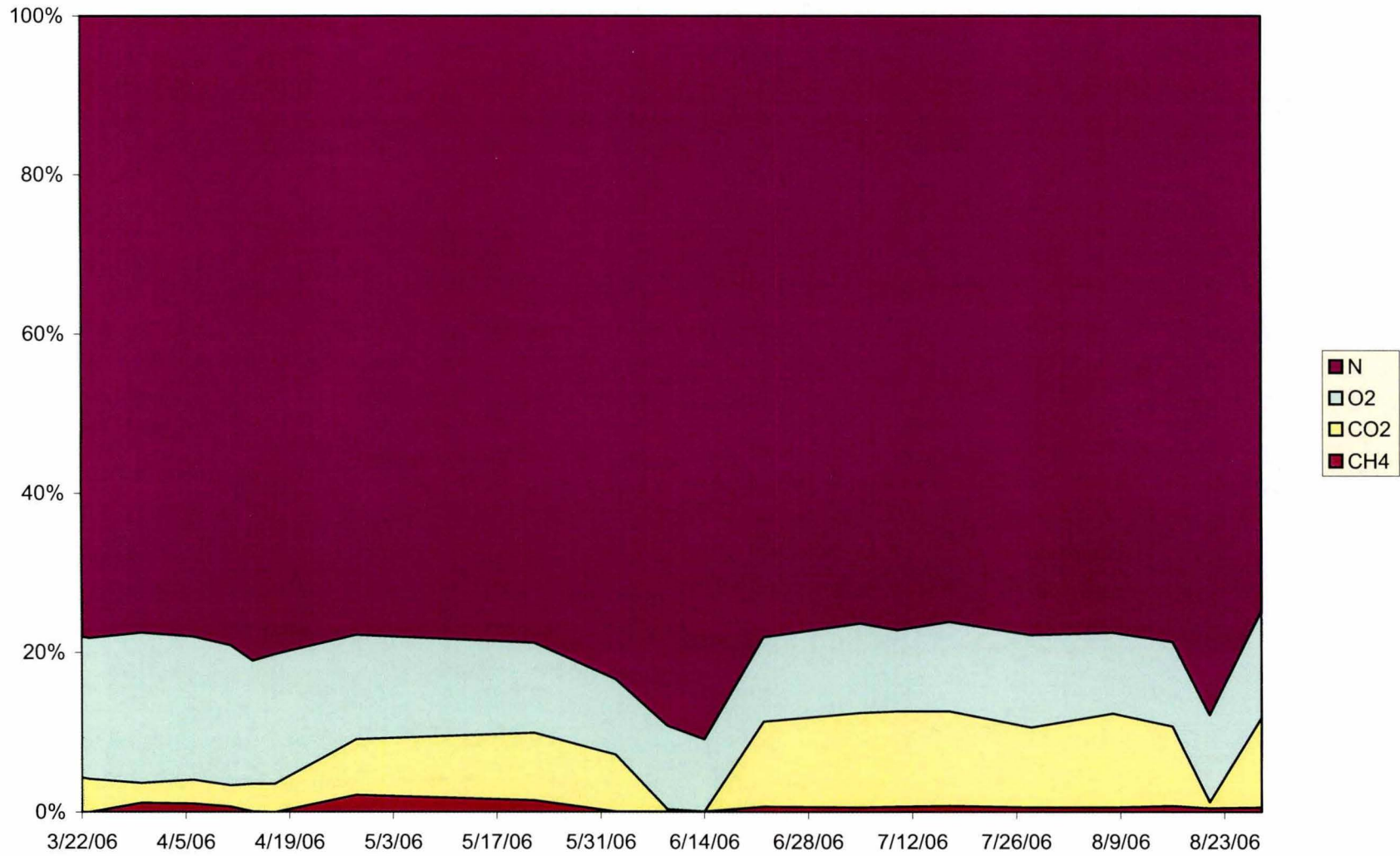


Chart 27: GP-6 Gas Concentrations

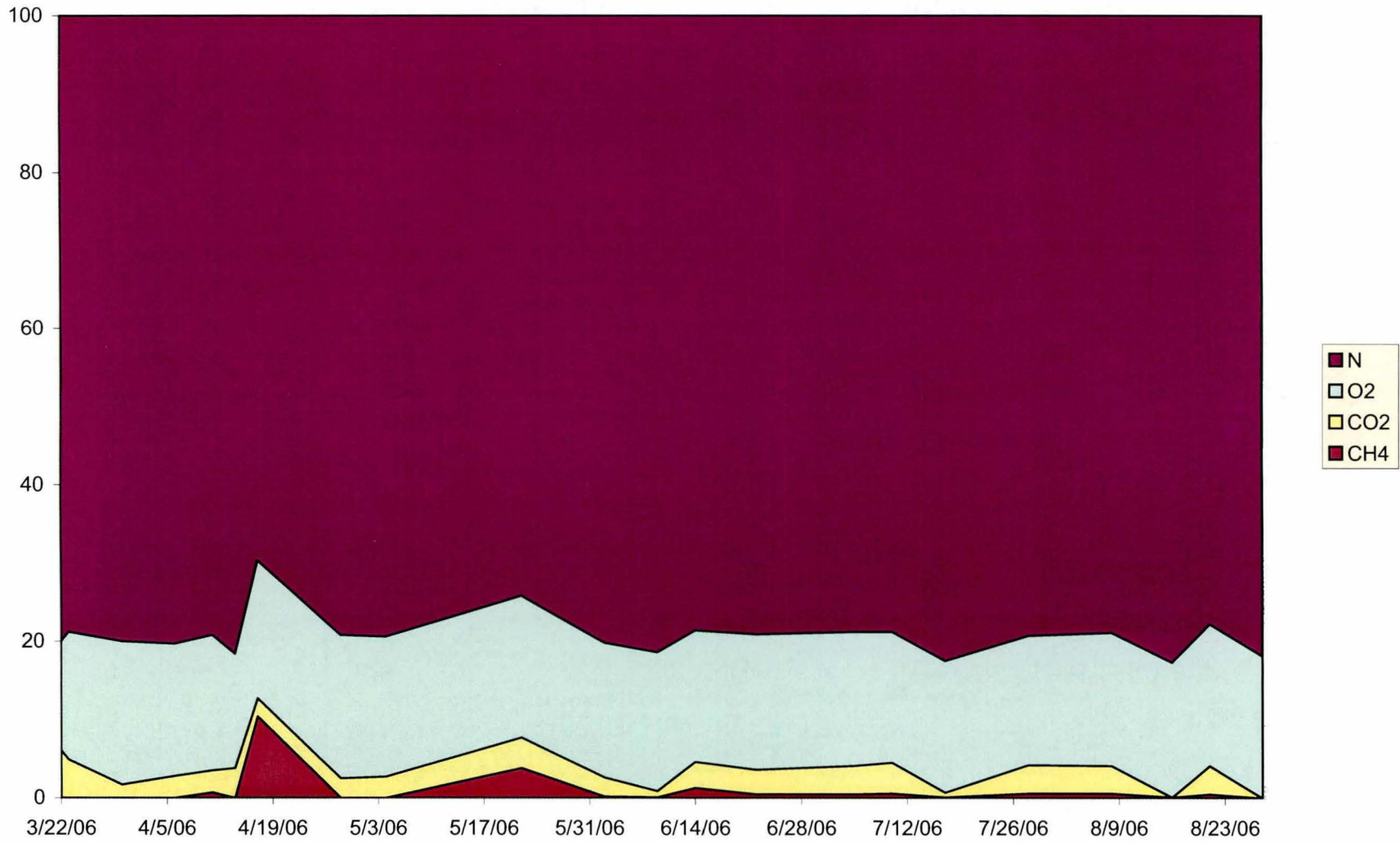


Chart 28: GP-7 Gas Concentrations

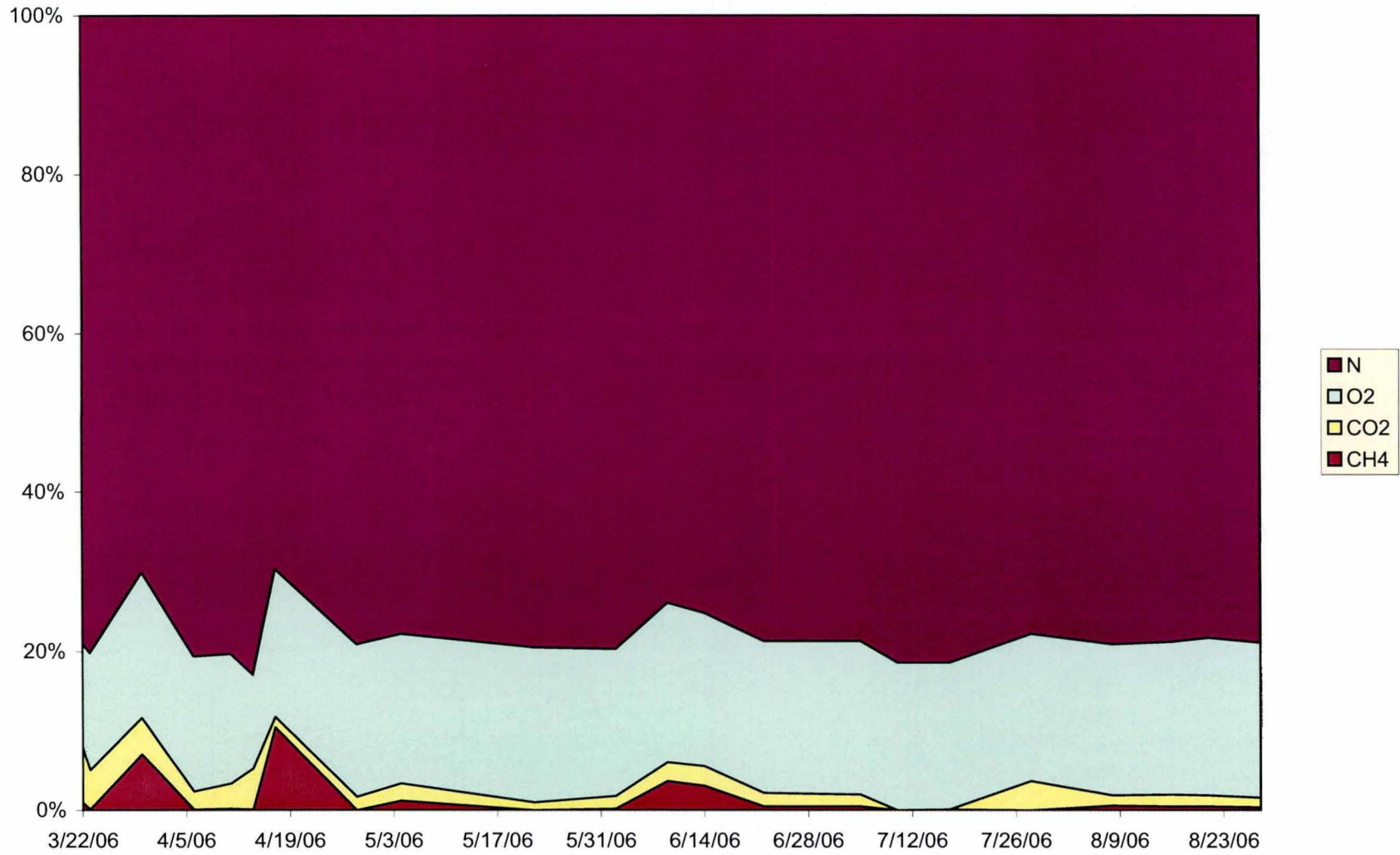


Chart 29: GP-8 Gas Concentrations

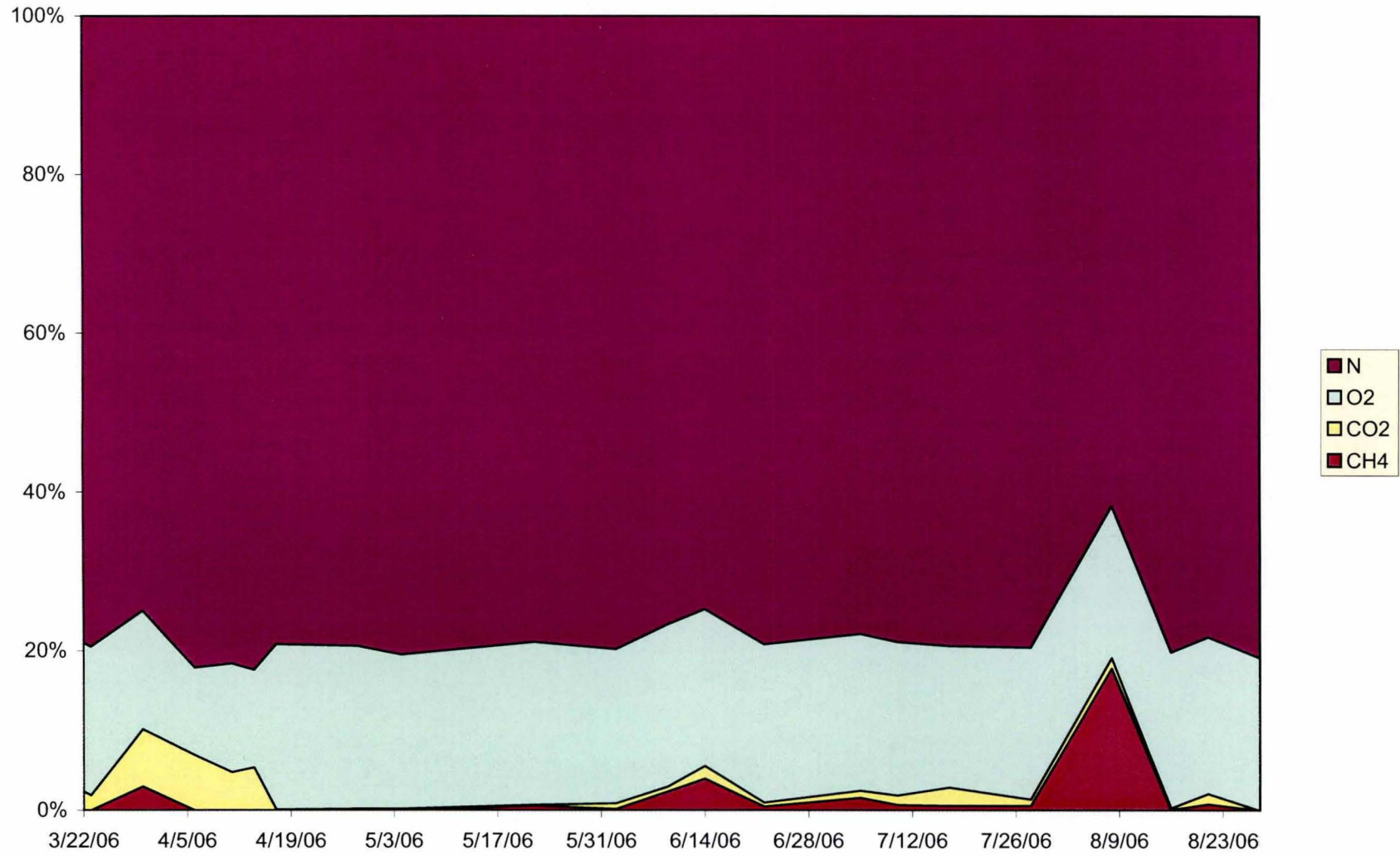


Chart 30: GP-10 Gas Concentrations

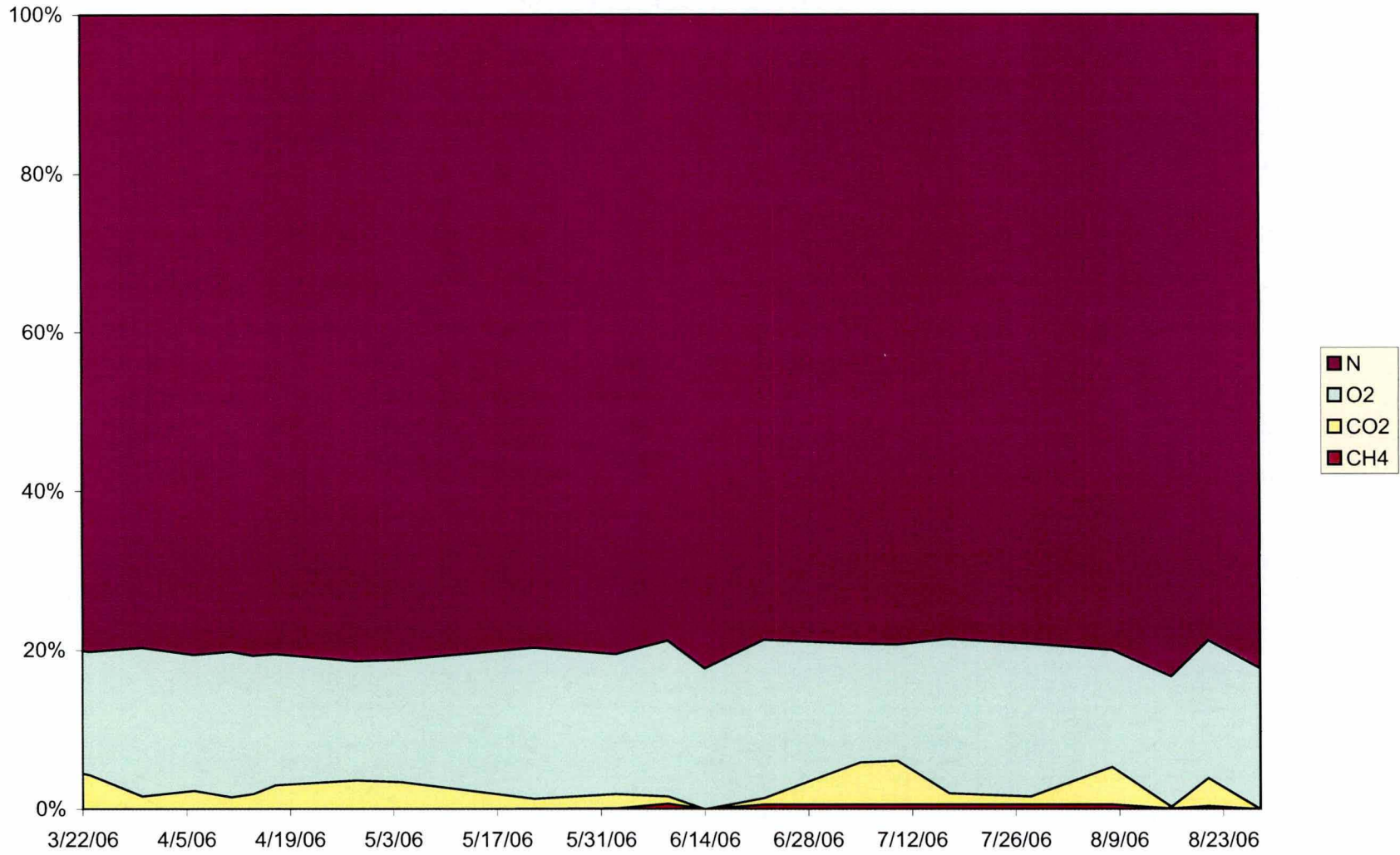


Chart 31: GP-11 Gas Concentrations

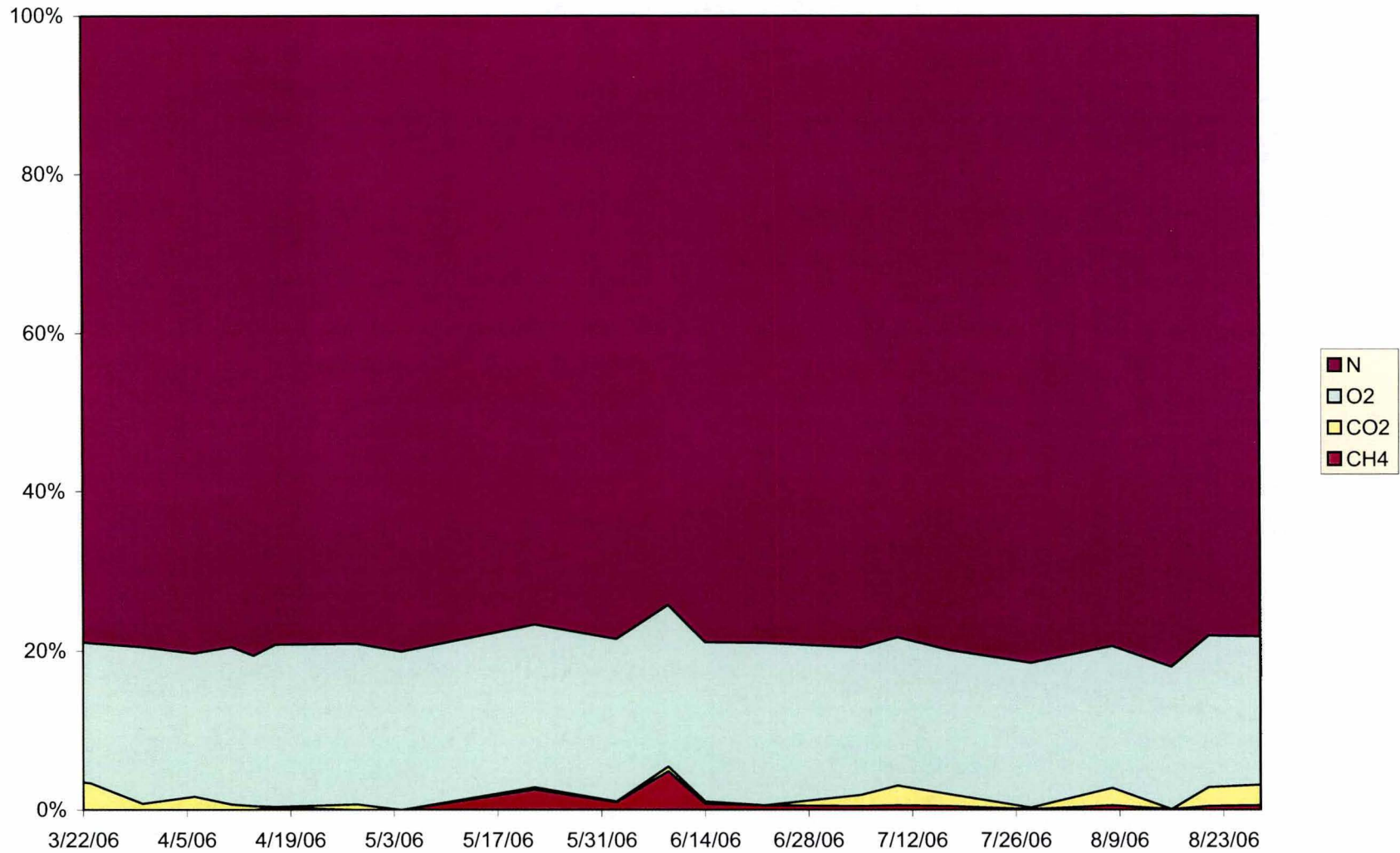


Chart 32: GP-12 Gas Concentrations

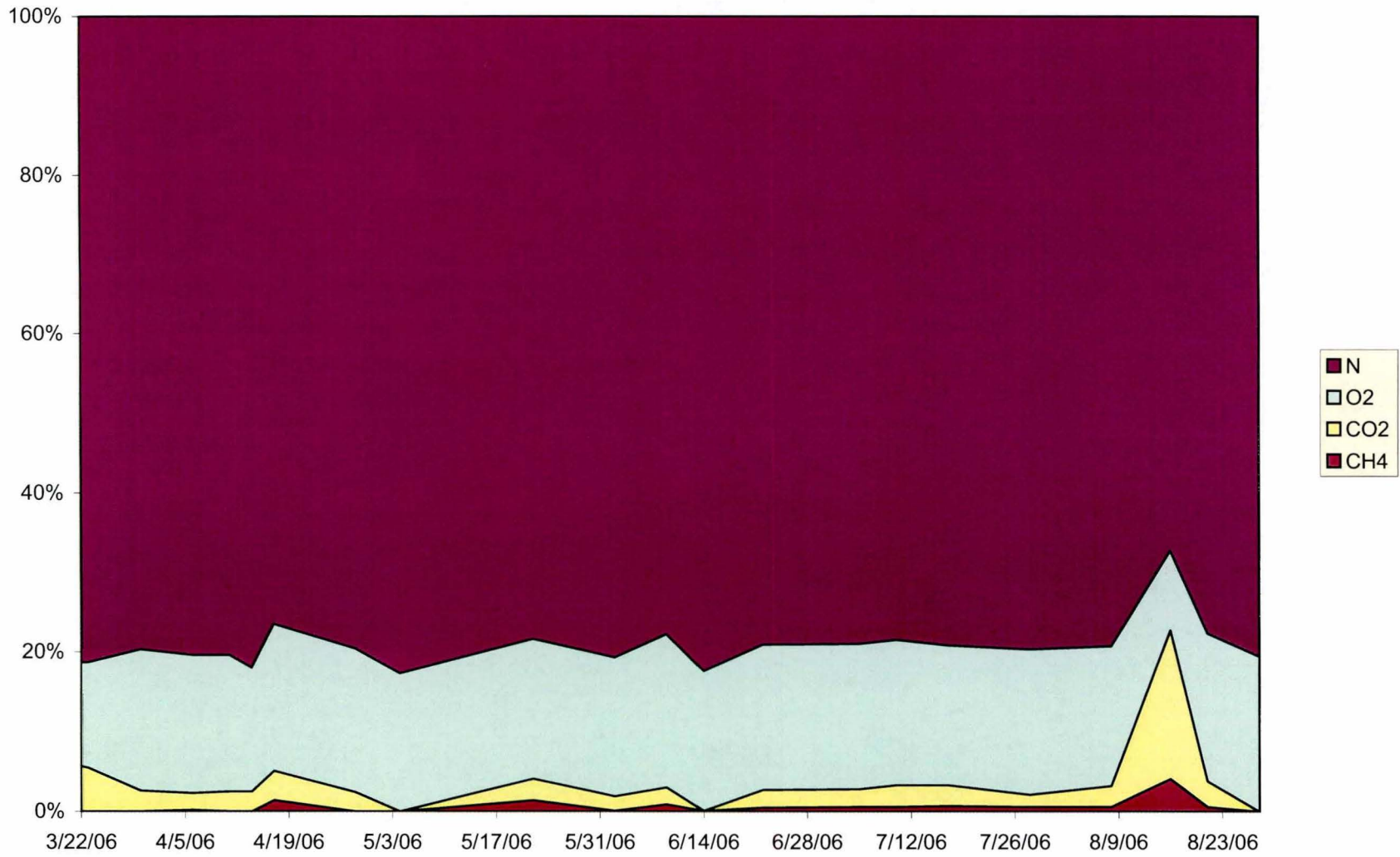


Chart 33: MW-101 Gas Concentrations

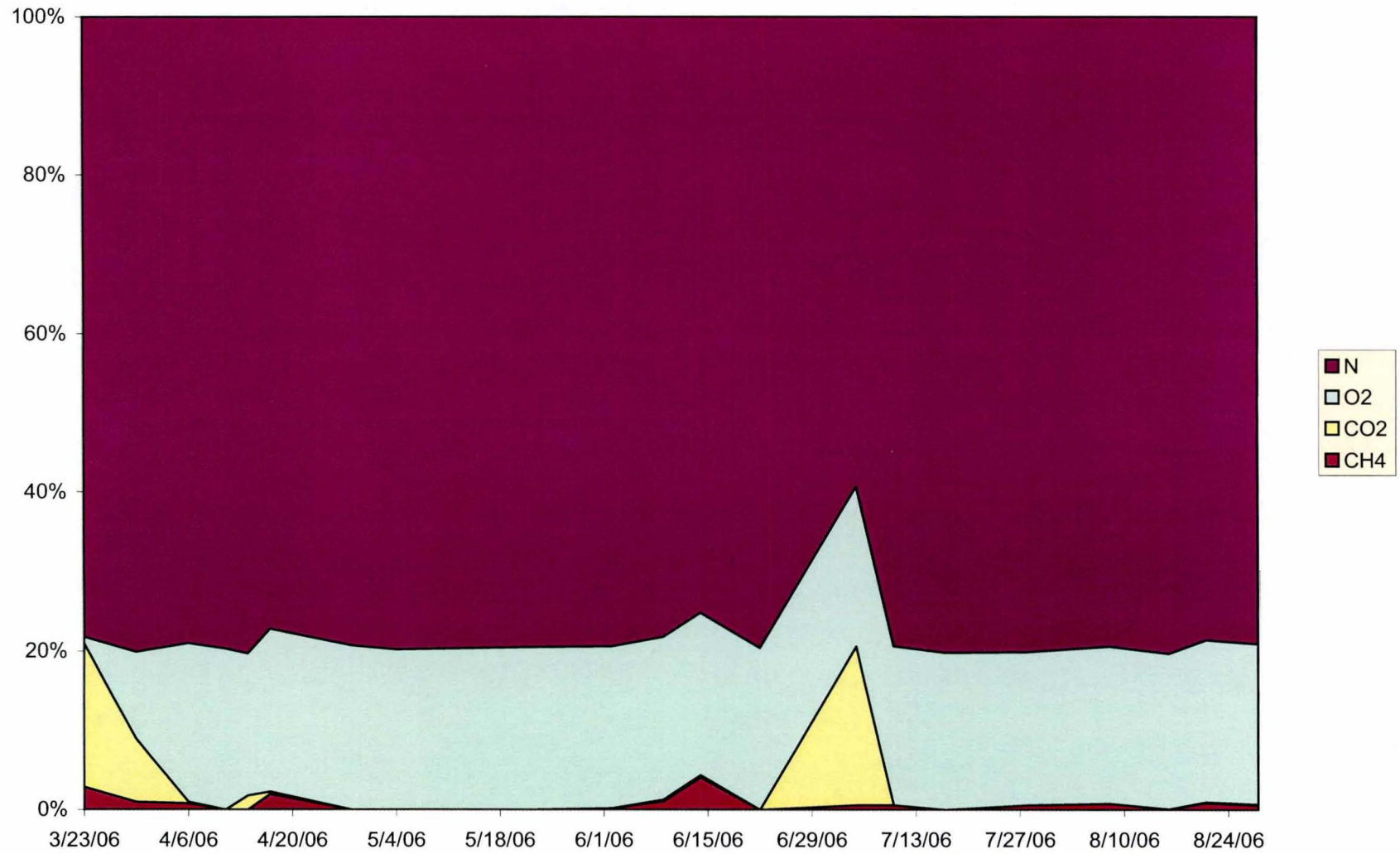


Chart 34: MW-102 Gas Concentrations

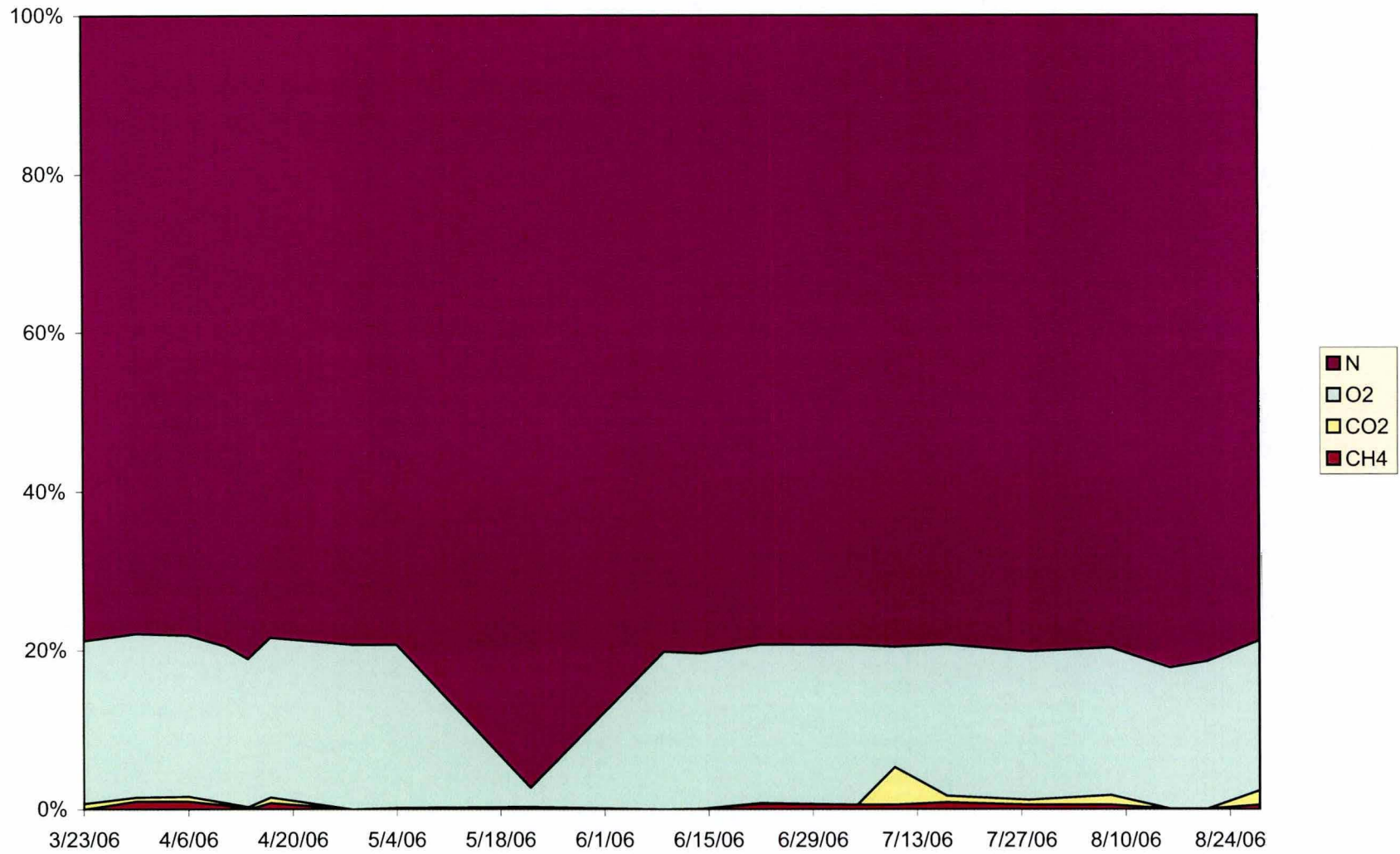


Chart 35: MW-103 Gas Concentrations

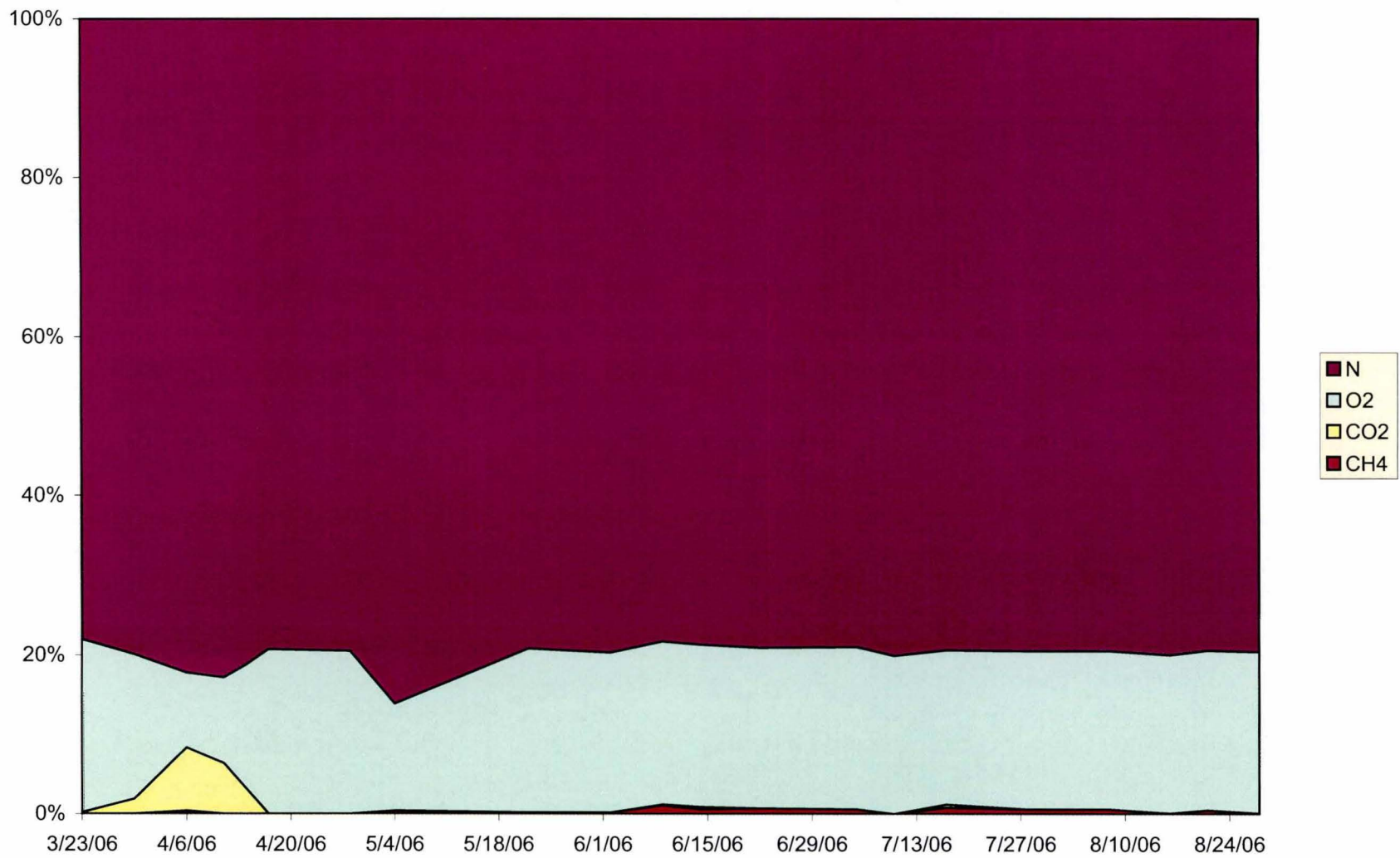


Chart 36: MW-104 Gas Concentrations

