

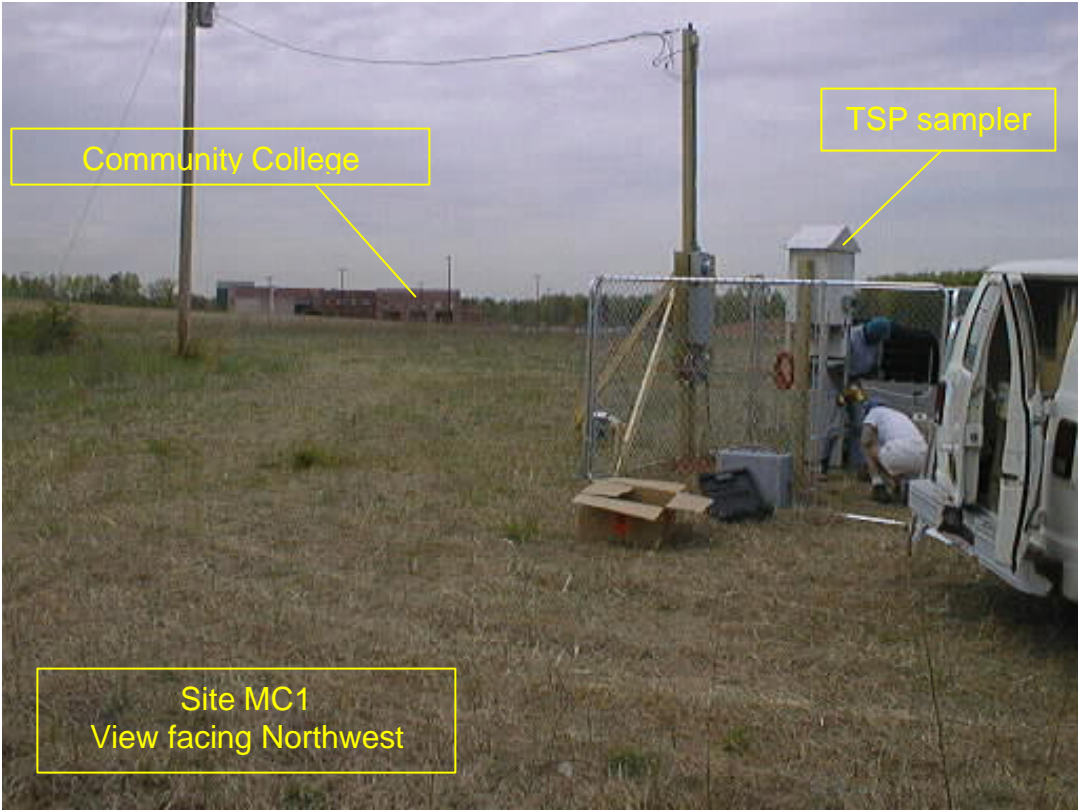
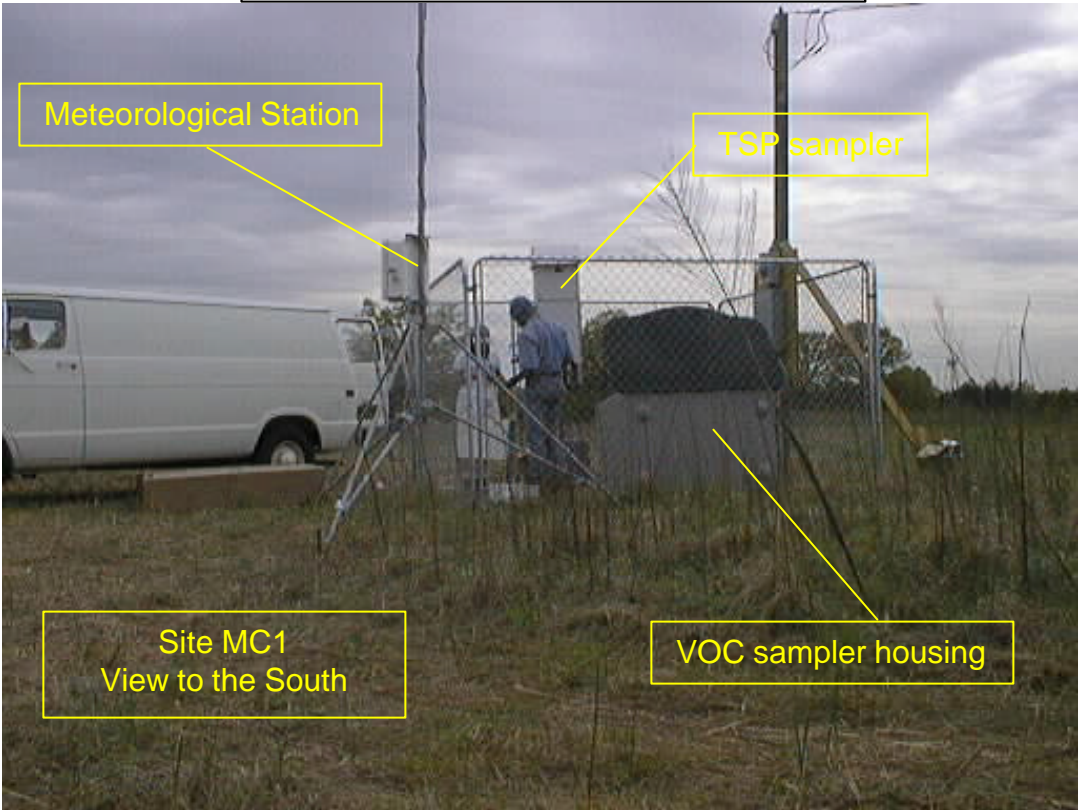
5.0 References:

1. Agency for Toxic Substances and Disease Registry (ATSDR), Minimal Risk Levels (MRL) web page, <http://www.atsdr.cdc.gov/mrls.html>
2. US Environmental Protection Agency (EPA), Integrated Risk Information System (IRIS) web page, <http://www.epa.gov/ngispgm3/iris/subst/index.html>
3. US Environmental Protection Agency (EPA), Technology Transfer Network hazardous air pollutant information website at <http://www.epa.gov/ttn/uatw/hapindex.html>
4. "Concentrations and Transformations of Hazardous Air Pollutants", Kelly, T.J.; Mukund, R; Spicer, C.W.; Pollack, A.J., *Environ. Sci. Technol.*, **1994**, 28(8), 378a-387a.
5. Personal communication with Thomas J. Kelly author of Ref 4, Battelle, Columbus, OH, Dec. 17, 1999.
6. "Mercury Study Report to Congress, Volumes I-VIII", Environmental Protection Agency Document #EPA-452/R-97-003.
7. North Carolina Administrative Code, Title 15A, Chapter 2 "Environmental Management", Subchapter 2D "Air Pollution Control Requirements"
8. ATAST Investigation #95010 Report, NC Department of Environment and Natural Resources, Division of Air Quality, Toxics Protection Branch, *in press*.
9. ATSDR statement on ATAST investigation #95010 results, February 3, 1999, Dr. David Fowler, Toxicologist.
10. Sampling site criteria, 40 CFR Part 58, App. E
11. EPA Compendium of Methods for the Determination of Inorganic Compounds in Ambient Air, Method IO-3.2, "Determination of Metals in Ambient Particulate Matter Using Atomic Absorption (AA) Spectroscopy". EPA Document # EPA/625/R96/010a.
12. NIOSH Pocket Guide to Chemical Hazards, June, 1997 (Ed.), U.S. Department of Health and Human Services, Public Health Service, CDC, "Manganese cyclopentadienyl tricarbonyl (CAS # 12079-65-1)", p.190.
13. EPA Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Method TO-14A, "Determination of Volatile Organic Compounds (VOCs) in Ambient Air Using Specially Prepared Canisters with Subsequent Analysis by Gas Chromatography". EPA Document # EPA/625/R96/010b.
14. EPA Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Method TO-11A "Determination of Formaldehyde in Ambient Air Using Adsorbent Cartridge Followed by High Performance Liquid Chromatography (HPLC)", EPA/625/R-96/0101b.
15. EPA Aerometric Information Retrieval System (AIRS) Database, Air Quality Subsystem data, Charlotte, Mecklenburg Urban Area, TSP metals concentration data for site at 600 East Trade Street, Charlotte, NC (1988).

Appendix A - Selected Photos of Survey Sites and Equipment

The following pages are photos of the three survey sites and the equipment installed at each site. There are also selected photos of specific equipment used in the survey.

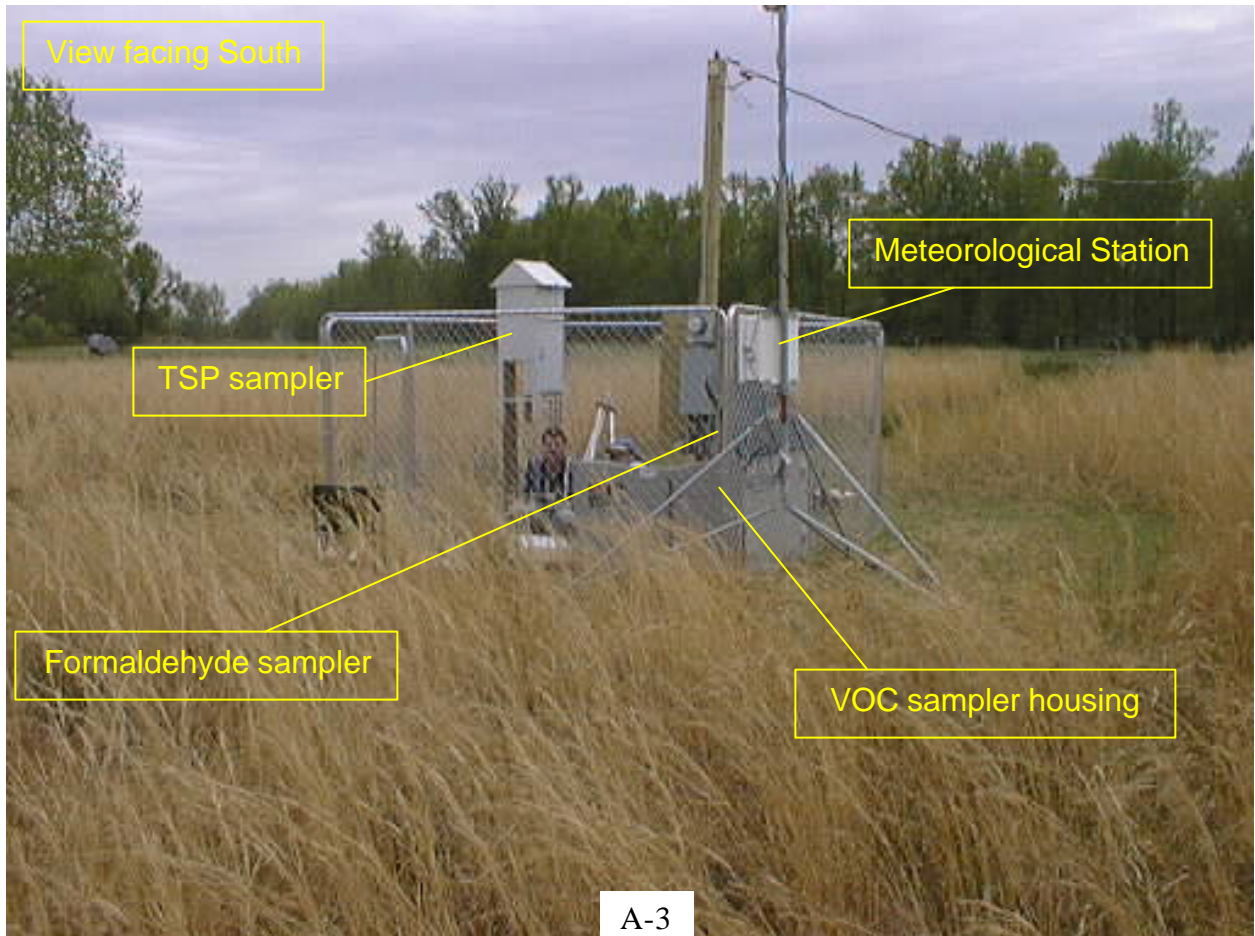
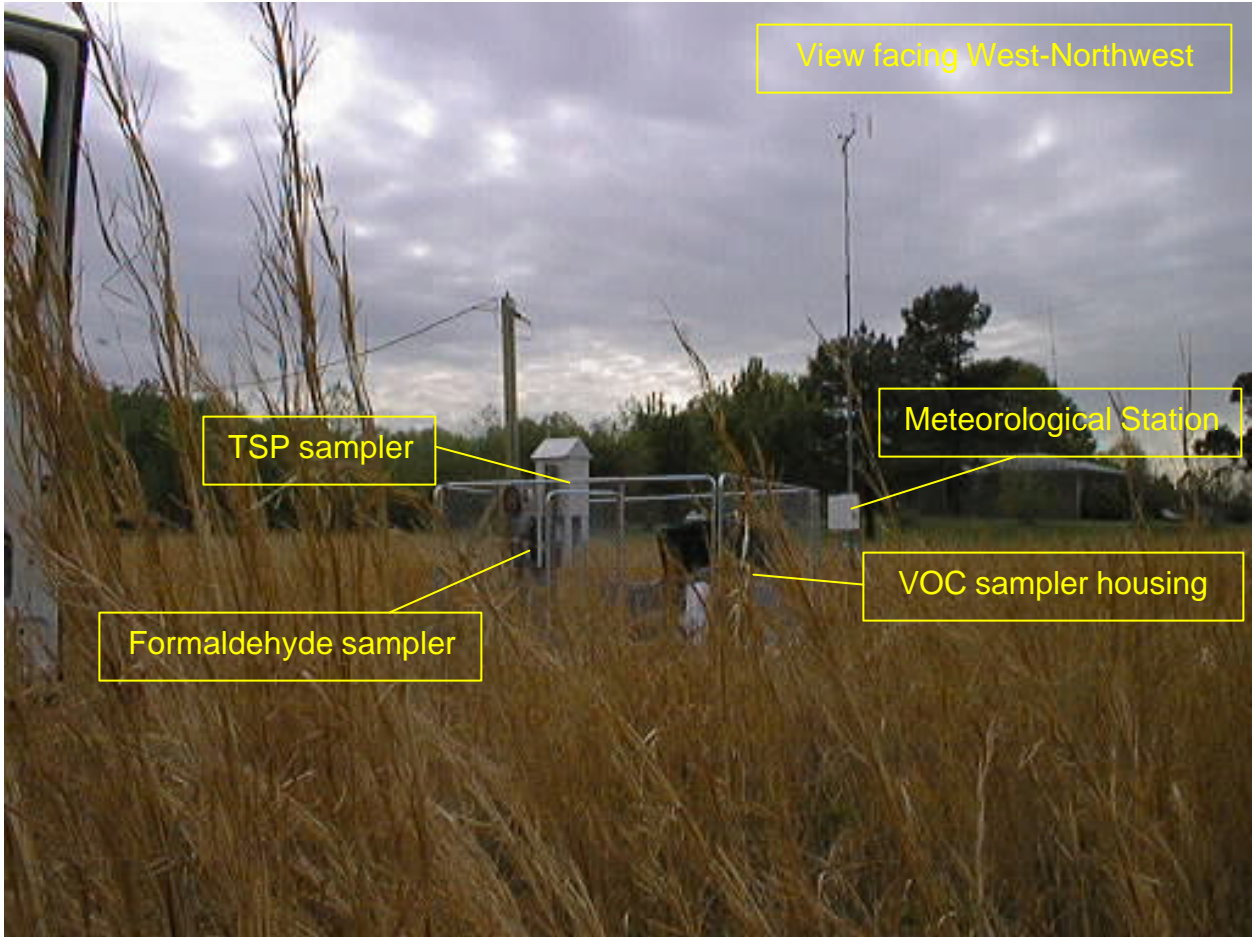
Matthews Survey Site MC1



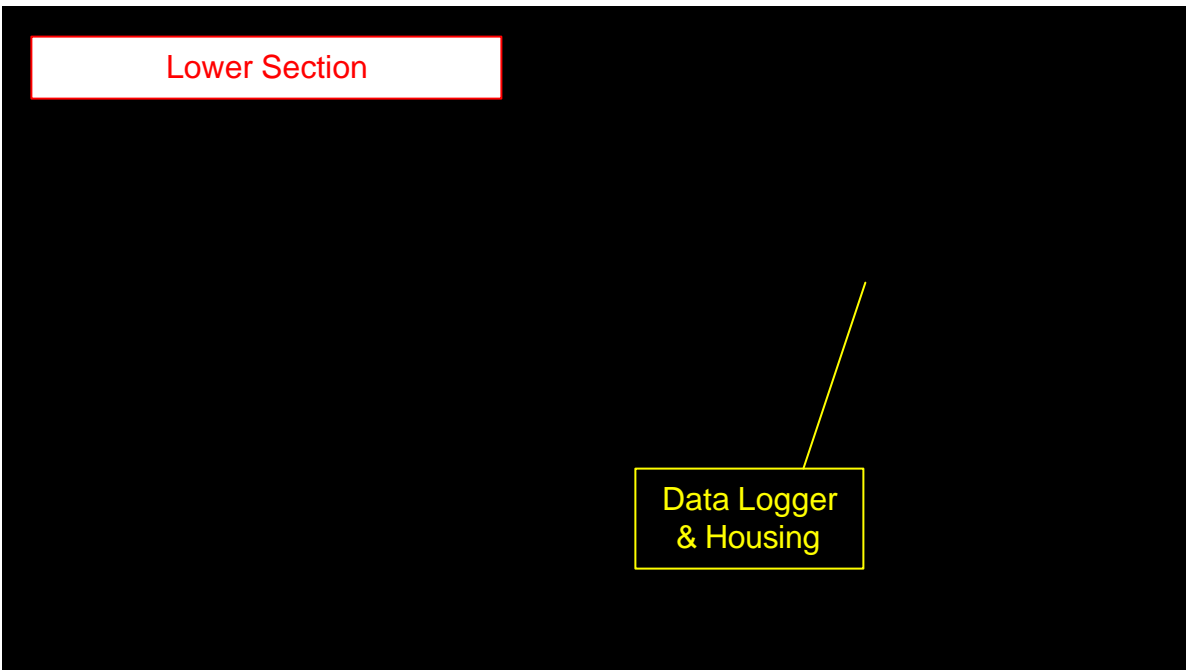
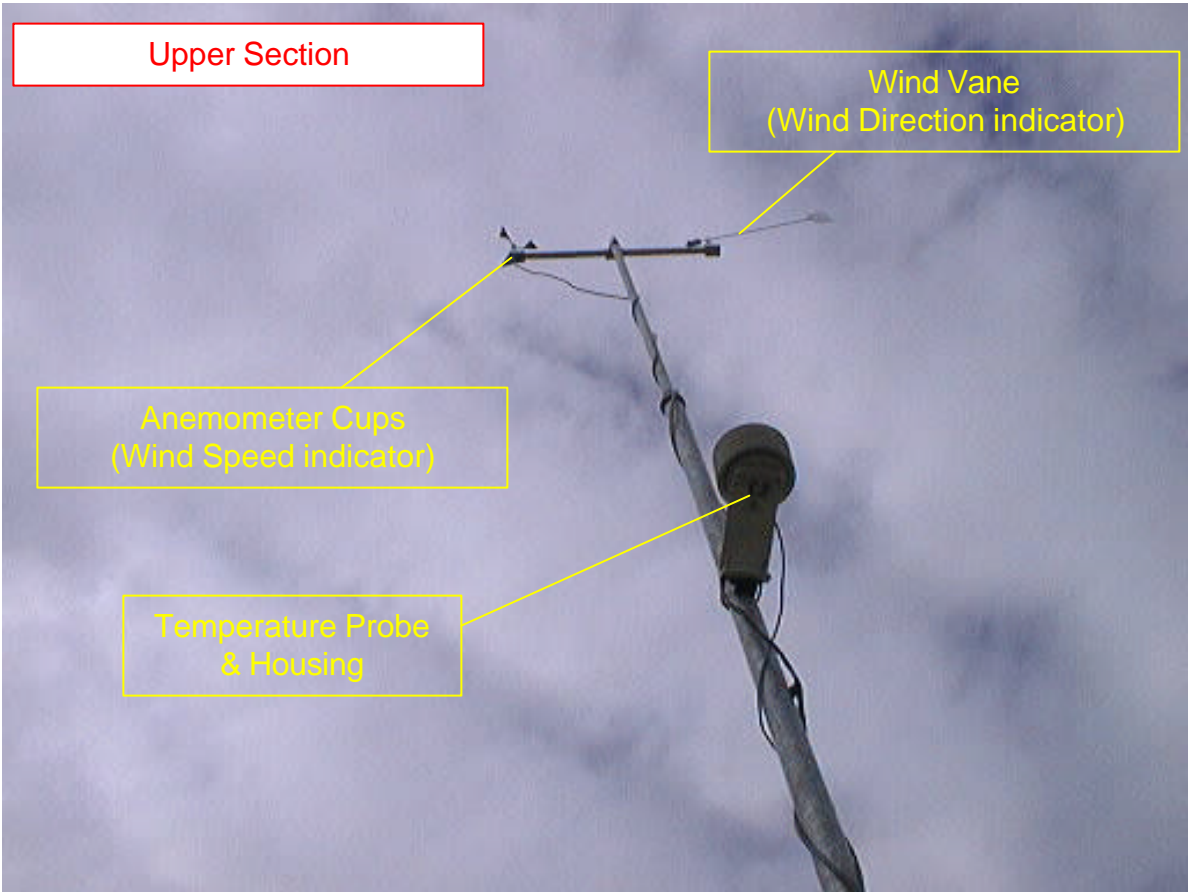
Matthews Survey - Site MC2



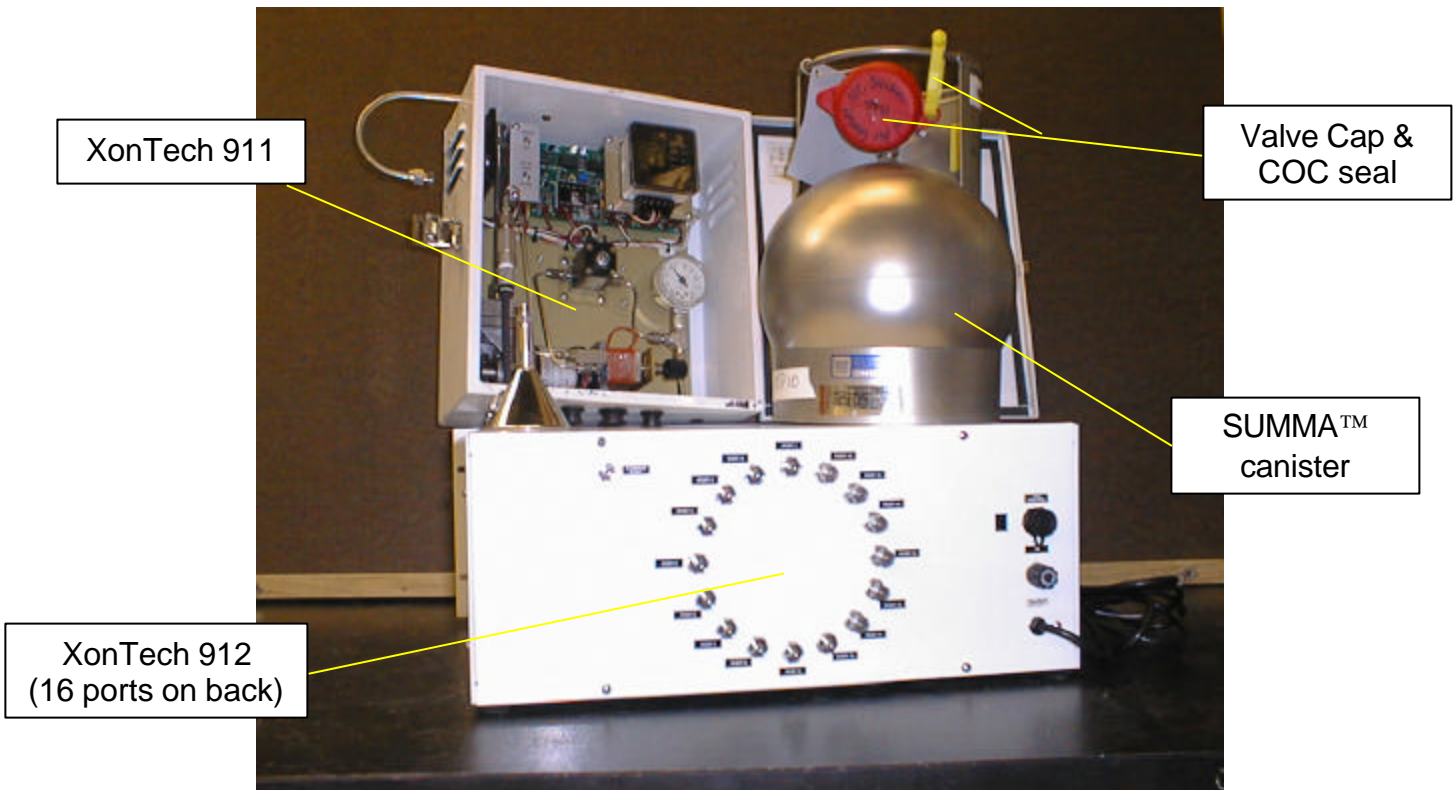
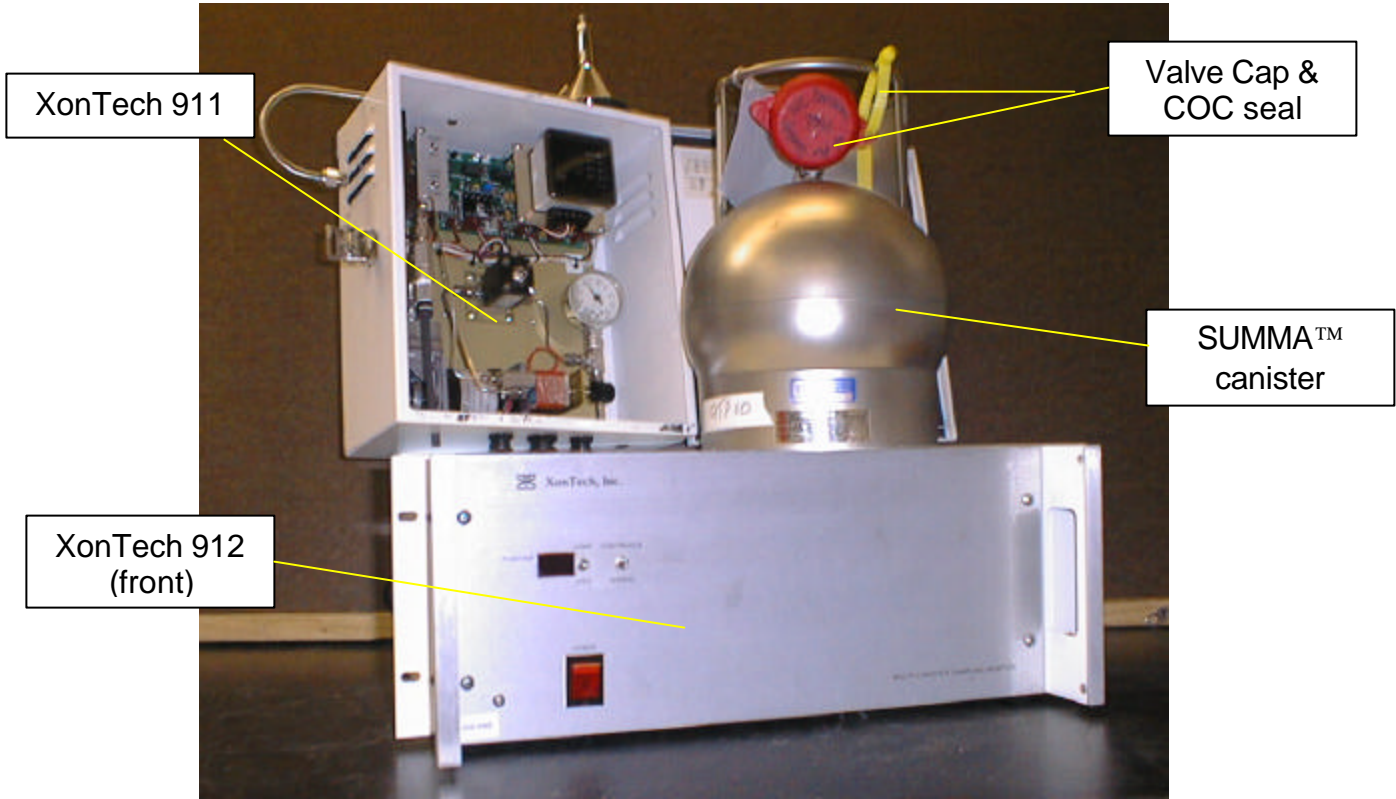
Matthews Survey Site MC3



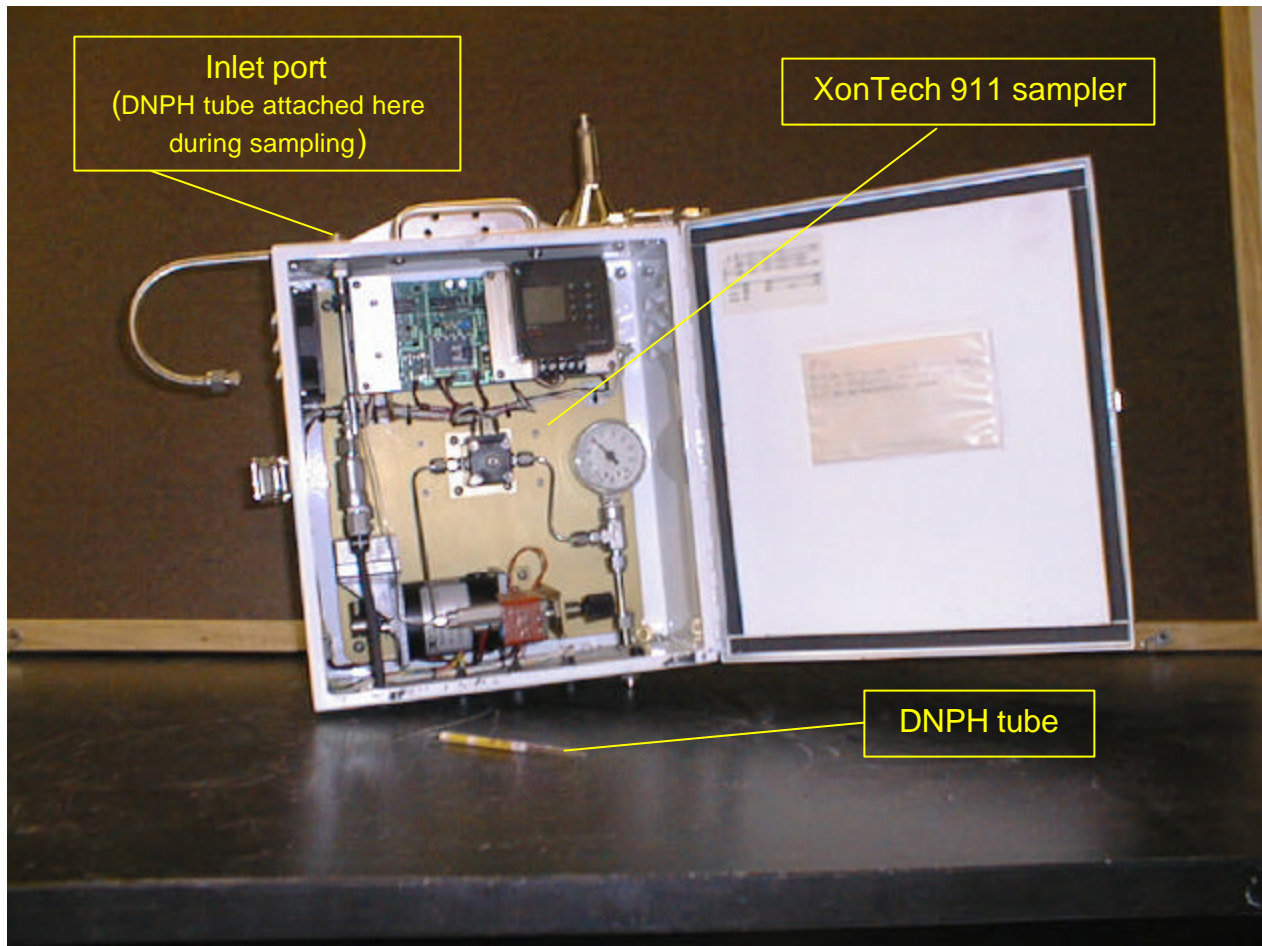
Meteorological Station



**Volatile Organic Compound (VOC)
Sampling Equipment**



Formaldehyde Sampling



Dräger CMS - "Chip Instrument"



Sampling Chip

10 - Sampling "tubes"

Appendix B - Elemental Mercury Vapor (Hg⁰) Monitoring Data

The following pages are the elemental mercury vapor monitoring data obtained from the Tekran 2537A Mercury Vapor Analyzer. The meteorological data is also included in these pages and is correlated to the sampling time as described in Section 4.1 of the report.

The column headings and abbreviations are defined below:

DATE:	Dates on which samples were taken
TIME:	Time of date that the sample was taken
CH:	Channel, there are two "collection traps", A & B
PEAK:	OK means the signal obtained met the instrumental criteria for being a peak. NP means "No Peak" due to criteria for considering data as a peak not being met. These data were not considered in the analysis of the results.
TIME (SEC):	Sampling time, 300 sec = 5 minutes
VOL:	Volume of collected sample in liters
BL:	Baseline voltage
BL DEV:	Baseline deviation
MAX V:	Maximum voltage
AREA:	Area of the mercury peak
NG/MG ³ :	Hg ⁰ concentration (ng/m ³) in the ambient air sample.
WIND DIR:	Wind direction (degrees).
SPEED:	Wind speed (mph).

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/15/99	6:45	A	OK	300	7.47	0.118	0.026	0.125	21120	2.011	Met data does not begin until 4/18/99 at 09:45	
4/15/99	6:50	B	OK	300	7.50	0.118	0.019	0.124	18692	1.792		
4/15/99	6:55	A	OK	300	7.50	0.118	0.021	0.124	19196	1.821		
4/15/99	7:00	B	OK	300	7.50	0.118	0.030	0.124	19240	1.845		
4/15/99	7:05	A	OK	300	7.50	0.118	0.027	0.124	18645	1.769		
4/15/99	7:10	B	OK	300	7.50	0.118	0.026	0.124	19325	1.853		
4/15/99	7:15	A	OK	300	7.50	0.119	0.019	0.124	19218	1.823		
4/15/99	7:20	B	OK	300	7.50	0.118	0.035	0.124	19114	1.833		
4/15/99	7:25	A	OK	300	7.50	0.119	0.018	0.124	19342	1.835		
4/15/99	7:30	B	OK	300	7.50	0.119	0.019	0.124	18326	1.757		
4/15/99	7:35	A	OK	300	7.50	0.119	0.019	0.124	19816	1.880		
4/15/99	7:40	B	OK	300	7.50	0.119	0.024	0.124	19855	1.904		
4/15/99	7:45	A	OK	300	7.50	0.119	0.020	0.125	20668	1.961		
4/15/99	7:50	B	OK	300	7.50	0.119	0.025	0.125	20937	2.007		
4/15/99	7:55	A	OK	300	7.50	0.119	0.024	0.125	21897	2.078		
4/15/99	8:00	B	OK	300	7.50	0.119	0.020	0.125	21459	2.058		
4/15/99	8:05	A	OK	300	7.50	0.119	0.020	0.125	22142	2.101		
4/15/99	8:10	B	OK	300	7.50	0.118	0.023	0.125	22190	2.128		
4/15/99	8:15	A	OK	300	7.50	0.119	0.019	0.125	22400	2.125		
4/15/99	8:20	B	OK	300	7.50	0.119	0.023	0.125	23460	2.249		
4/15/99	8:25	A	OK	300	7.50	0.119	0.029	0.126	25101	2.382		
4/15/99	8:30	B	OK	300	7.50	0.119	0.021	0.126	24724	2.371		
4/15/99	8:35	A	OK	300	7.50	0.119	0.020	0.126	25328	2.403		
4/15/99	8:40	B	OK	300	7.50	0.119	0.018	0.126	23107	2.216		
4/15/99	8:45	A	OK	300	7.50	0.119	0.037	0.126	25203	2.391		
4/15/99	8:50	B	OK	300	7.50	0.119	0.025	0.125	23558	2.259		
4/15/99	8:55	A	OK	300	7.50	0.118	0.024	0.125	23177	2.199		
4/15/99	9:00	B	OK	300	7.50	0.118	0.023	0.125	22309	2.139		
4/15/99	9:05	A	OK	300	7.50	0.118	0.029	0.125	22786	2.162		
4/15/99	9:10	B	OK	300	7.50	0.118	0.023	0.125	22632	2.170		
4/15/99	9:15	A	OK	300	7.50	0.118	0.024	0.125	22479	2.133		
4/15/99	9:20	B	OK	300	7.50	0.118	0.025	0.125	22198	2.128		
4/15/99	9:25	A	OK	300	7.50	0.118	0.023	0.125	22131	2.100		
4/15/99	9:30	B	OK	300	7.50	0.118	0.018	0.125	23596	2.262		
4/15/99	9:35	A	OK	300	7.49	0.118	0.025	0.125	24490	2.324		
4/15/99	9:40	B	OK	300	7.50	0.118	0.022	0.126	26237	2.516		
4/15/99	9:45	A	OK	300	7.50	0.118	0.035	0.126	26147	2.481		
4/15/99	9:50	B	OK	300	7.50	0.118	0.032	0.126	25781	2.472		
4/15/99	9:55	A	OK	300	7.50	0.118	0.023	0.126	26837	2.546		
4/15/99	10:00	B	OK	300	7.50	0.118	0.026	0.125	25511	2.446		
4/15/99	10:05	A	OK	300	7.50	0.118	0.024	0.126	26239	2.490		
4/15/99	10:10	B	OK	300	7.50	0.118	0.044	0.126	25549	2.450		
4/15/99	10:15	A	OK	300	7.50	0.118	0.028	0.126	25479	2.417		
4/15/99	10:20	B	OK	300	7.50	0.118	0.020	0.125	25528	2.448		
4/15/99	10:25	A	OK	300	7.50	0.118	0.026	0.126	26268	2.492		
4/15/99	10:30	B	OK	300	7.50	0.118	0.027	0.125	25625	2.457		
4/15/99	10:35	A	OK	300	7.50	0.118	0.023	0.126	25735	2.442		
4/15/99	10:40	B	OK	300	7.50	0.118	0.020	0.125	24342	2.334		
4/15/99	10:45	A	OK	300	7.50	0.118	0.024	0.125	25181	2.389		
4/15/99	10:50	B	OK	300	7.50	0.118	0.022	0.125	24130	2.314		
4/15/99	10:55	A	OK	300	7.50	0.118	0.026	0.125	24799	2.353		
4/15/99	11:00	B	OK	300	7.50	0.118	0.026	0.125	24530	2.352		
4/15/99	11:05	A	OK	300	7.50	0.118	0.023	0.125	24137	2.290		
4/15/99	11:10	B	OK	300	7.50	0.118	0.020	0.125	23346	2.239		

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/15/99	11:15	A	OK	300	7.50	0.118	0.020	0.125	25514	2.421		
4/15/99	11:20	B	OK	300	7.50	0.118	0.029	0.125	25215	2.418		
4/15/99	11:25	A	OK	300	7.50	0.118	0.029	0.125	26396	2.504		
4/15/99	11:30	B	OK	300	7.50	0.118	0.030	0.125	26431	2.534		
4/15/99	11:35	A	OK	300	7.49	0.118	0.022	0.125	25462	2.417		
4/15/99	11:40	B	OK	300	7.50	0.118	0.018	0.125	23257	2.230		
4/15/99	11:45	A	OK	300	7.50	0.118	0.020	0.125	24313	2.307		
4/15/99	11:50	B	OK	300	7.50	0.118	0.027	0.125	23861	2.288		
4/15/99	11:55	A	OK	300	7.50	0.118	0.021	0.125	25642	2.433		
4/15/99	12:00	B	OK	300	7.50	0.118	0.023	0.125	24490	2.348		
4/15/99	12:05	A	OK	300	7.50	0.118	0.023	0.125	23915	2.269		
4/15/99	12:10	B	OK	300	7.50	0.118	0.020	0.124	23219	2.226		
4/15/99	12:15	A	OK	300	7.50	0.118	0.025	0.125	24657	2.339		
4/15/99	12:20	B	OK	300	7.50	0.118	0.020	0.124	23329	2.237		
4/15/99	12:25	A	OK	300	7.50	0.118	0.023	0.125	24987	2.371		
4/15/99	12:30	B	OK	300	7.50	0.118	0.023	0.124	23358	2.240		
4/15/99	12:35	A	OK	300	7.50	0.118	0.026	0.125	23690	2.248		
4/15/99	12:40	B	OK	300	7.50	0.118	0.019	0.124	24135	2.314		
4/15/99	12:45	A	OK	300	7.50	0.118	0.020	0.125	24376	2.313		
4/15/99	12:50	B	OK	300	7.50	0.118	0.022	0.125	25131	2.410		
4/15/99	12:55	A	OK	300	7.50	0.118	0.031	0.125	24676	2.341		
4/15/99	13:00	B	OK	300	7.50	0.118	0.027	0.125	25031	2.400		
4/15/99	13:05	A	OK	300	7.50	0.118	0.021	0.125	25673	2.436		
4/15/99	13:10	B	OK	300	7.50	0.118	0.019	0.125	26423	2.533		
4/15/99	13:15	A	OK	300	7.50	0.118	0.021	0.125	26035	2.470		
4/15/99	13:20	B	OK	300	7.50	0.118	0.024	0.125	24597	2.358		
4/15/99	13:25	A	OK	300	7.49	0.118	0.019	0.125	24262	2.303		
4/15/99	13:30	B	OK	300	7.50	0.118	0.025	0.125	25118	2.408		
4/15/99	13:35	A	OK	300	7.50	0.118	0.021	0.124	24056	2.282		
4/15/99	13:40	B	OK	300	7.50	0.118	0.023	0.124	23163	2.221		
4/15/99	13:45	A	OK	300	7.50	0.118	0.023	0.124	22501	2.135		
4/15/99	13:50	B	OK	300	7.50	0.118	0.020	0.124	22624	2.169		
4/15/99	13:55	A	OK	300	7.50	0.118	0.021	0.124	22154	2.102		
4/15/99	14:00	B	OK	300	7.50	0.118	0.030	0.124	22845	2.190		
4/15/99	14:05	A	OK	300	7.50	0.118	0.026	0.124	23807	2.259		
4/15/99	14:10	B	OK	300	7.50	0.118	0.021	0.124	21863	2.096		
4/15/99	14:15	A	OK	300	7.50	0.118	0.026	0.124	22908	2.174		
4/15/99	14:20	B	OK	300	7.50	0.118	0.024	0.124	21427	2.054		
4/15/99	14:25	A	OK	300	7.50	0.118	0.025	0.124	23251	2.206		
4/15/99	14:30	B	OK	300	7.50	0.118	0.018	0.125	25895	2.483		
4/15/99	14:35	A	OK	300	7.50	0.118	0.022	0.125	27909	2.648		
4/15/99	14:40	B	OK	300	7.50	0.118	0.026	0.125	27896	2.675		
4/15/99	14:45	A	OK	300	7.50	0.118	0.023	0.125	24716	2.345		
4/15/99	14:50	B	OK	300	7.50	0.117	0.021	0.124	23961	2.297		
4/15/99	14:55	A	OK	300	7.50	0.117	0.022	0.125	25870	2.455		
4/15/99	15:00	B	OK	300	7.50	0.117	0.028	0.125	25820	2.476		
4/15/99	15:05	A	OK	300	7.50	0.117	0.023	0.125	27479	2.607		
4/15/99	15:10	B	OK	300	7.50	0.117	0.021	0.124	24903	2.388		
4/15/99	15:15	A	OK	300	7.50	0.117	0.024	0.124	23710	2.250		
4/15/99	15:20	B	OK	300	7.50	0.117	0.025	0.124	23317	2.236		
4/15/99	15:25	A	OK	300	7.50	0.117	0.026	0.124	24634	2.337		
4/15/99	15:30	B	OK	300	7.50	0.117	0.023	0.124	23682	2.271		
4/15/99	15:35	A	OK	300	7.50	0.117	0.018	0.124	22133	2.100		
4/15/99	15:40	B	OK	300	7.50	0.117	0.025	0.123	22525	2.160		

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/15/99	15:45	A	OK	300	7.50	0.117	0.019	0.124	23709	2.250		
4/15/99	15:50	B	OK	300	7.50	0.117	0.020	0.124	22981	2.203		
4/15/99	15:55	A	OK	300	7.50	0.117	0.020	0.124	23456	2.226		
4/15/99	16:00	B	OK	300	7.50	0.117	0.028	0.124	22863	2.192		
4/15/99	16:05	A	OK	300	7.50	0.117	0.030	0.124	23870	2.265		
4/15/99	16:10	B	OK	300	7.50	0.117	0.021	0.124	22726	2.179		
4/15/99	16:15	A	OK	300	7.50	0.117	0.023	0.124	22670	2.151		
4/15/99	16:20	B	OK	300	7.50	0.117	0.026	0.124	23036	2.209		
4/15/99	16:25	A	OK	300	7.50	0.117	0.021	0.124	22966	2.179		
4/15/99	16:30	B	OK	300	7.50	0.117	0.021	0.123	22271	2.135		
4/15/99	16:35	A	OK	300	7.50	0.117	0.023	0.124	22098	2.097		
4/15/99	16:40	B	OK	300	7.50	0.117	0.022	0.123	22578	2.165		
4/15/99	16:45	A	OK	300	7.50	0.117	0.022	0.124	22425	2.128		
4/15/99	16:50	B	OK	300	7.50	0.117	0.023	0.124	21960	2.106		
4/15/99	16:55	A	OK	300	7.50	0.117	0.035	0.124	22638	2.148		
4/15/99	17:00	B	OK	300	7.50	0.117	0.022	0.123	21688	2.079		
4/15/99	17:05	A	OK	300	7.50	0.117	0.022	0.124	22309	2.117		
4/15/99	17:10	B	OK	300	7.50	0.117	0.023	0.123	21871	2.098		
4/15/99	17:15	A	OK	300	7.50	0.117	0.023	0.124	24275	2.303		
4/15/99	17:20	B	OK	300	7.50	0.117	0.023	0.123	22625	2.169		
4/15/99	17:25	A	OK	300	7.50	0.117	0.024	0.124	22524	2.137		
4/15/99	17:30	B	OK	300	7.50	0.117	0.025	0.123	22410	2.149		
4/15/99	17:35	A	OK	300	7.50	0.117	0.027	0.124	23360	2.216		
4/15/99	17:40	B	OK	300	7.50	0.117	0.022	0.123	22444	2.152		
4/15/99	17:45	A	OK	300	7.50	0.117	0.020	0.124	22848	2.168		
4/15/99	17:50	B	OK	300	7.50	0.117	0.023	0.123	22718	2.178		
4/15/99	17:55	A	OK	300	7.50	0.117	0.025	0.124	23213	2.203		
4/15/99	18:00	B	OK	300	7.50	0.117	0.025	0.123	21902	2.100		
4/15/99	18:05	A	OK	300	7.50	0.117	0.026	0.124	23323	2.213		
4/15/99	18:10	B	OK	300	7.50	0.117	0.018	0.123	22859	2.192		
4/15/99	18:15	A	OK	300	7.50	0.117	0.029	0.124	22847	2.168		
4/15/99	18:20	B	OK	300	7.50	0.117	0.032	0.123	23040	2.209		
4/15/99	18:25	A	OK	300	7.50	0.117	0.018	0.123	22336	2.119		
4/15/99	18:30	B	OK	300	7.50	0.117	0.020	0.123	21000	2.014		
4/15/99	18:35	A	OK	300	7.50	0.117	0.024	0.123	22497	2.135		
4/15/99	18:40	B	OK	300	7.50	0.117	0.026	0.123	20515	1.967		
4/15/99	18:45	A	OK	300	7.50	0.117	0.024	0.123	21483	2.038		
4/15/99	18:50	B	OK	300	7.50	0.117	0.019	0.123	22119	2.121		
4/15/99	18:55	A	OK	300	7.50	0.117	0.028	0.124	22173	2.104		
4/15/99	19:00	B	OK	300	7.50	0.117	0.021	0.123	21146	2.028		
4/15/99	19:05	A	OK	300	7.50	0.117	0.021	0.123	22754	2.159		
4/15/99	19:10	B	OK	300	7.50	0.117	0.022	0.123	21538	2.065		
4/15/99	19:15	A	OK	300	7.50	0.117	0.024	0.123	21880	2.076		
4/15/99	19:20	B	OK	300	7.50	0.117	0.027	0.123	21732	2.084		
4/15/99	19:25	A	OK	300	7.50	0.117	0.020	0.123	21865	2.075		
4/15/99	19:30	B	OK	300	7.50	0.117	0.023	0.123	21847	2.095		
4/15/99	19:35	A	OK	300	7.50	0.117	0.023	0.123	21953	2.083		
4/15/99	19:40	B	OK	300	7.50	0.117	0.022	0.123	21632	2.074		
4/15/99	19:45	A	OK	300	7.50	0.117	0.020	0.133	56024	5.316		
4/15/99	19:50	B	OK	300	7.50	0.117	0.020	0.129	41855	4.013		
4/15/99	19:55	A	OK	300	7.50	0.117	0.025	0.126	30834	2.926		
4/15/99	20:00	B	OK	300	7.50	0.117	0.024	0.127	34128	3.272		
4/15/99	20:05	A	OK	300	7.50	0.117	0.029	0.128	39867	3.783		
4/15/99	20:10	B	OK	300	7.50	0.117	0.024	0.133	55968	5.366		

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/15/99	20:15	A	OK	300	7.50	0.117	0.029	0.134	60643	5.754		
4/15/99	20:20	B	OK	300	7.50	0.117	0.024	0.133	55121	5.285		
4/15/99	20:25	A	OK	300	7.50	0.117	0.021	0.132	51667	4.902		
4/15/99	20:30	B	OK	300	7.50	0.117	0.022	0.130	46366	4.446		
4/15/99	20:35	A	OK	300	7.50	0.117	0.020	0.127	33910	3.218		
4/15/99	20:40	B	OK	300	7.50	0.117	0.020	0.127	34483	3.306		
4/15/99	20:45	A	OK	300	7.50	0.118	0.020	0.135	60677	5.757		
4/15/99	20:50	B	OK	300	7.50	0.117	0.033	0.138	73614	7.058		
4/15/99	20:55	A	OK	300	7.49	0.117	0.025	0.130	45342	4.304		
4/15/99	21:00	B	OK	300	7.50	0.117	0.026	0.129	41413	3.971		
4/15/99	21:05	A	OK	300	7.50	0.118	0.025	0.127	33332	3.163		
4/15/99	21:10	B	OK	300	7.50	0.118	0.022	0.126	30957	2.968		
4/15/99	21:15	A	OK	300	7.50	0.118	0.018	0.126	30713	2.914		
4/15/99	21:20	B	OK	300	7.50	0.118	0.024	0.125	27132	2.602		
4/15/99	21:25	A	OK	300	7.50	0.117	0.021	0.125	25015	2.374		
4/15/99	21:30	B	OK	300	7.50	0.117	0.026	0.124	24504	2.350		
4/15/99	21:35	A	OK	300	7.50	0.118	0.025	0.125	24865	2.359		
4/15/99	21:40	B	OK	300	7.50	0.118	0.023	0.124	24425	2.342		
4/15/99	21:45	A	OK	300	7.50	0.118	0.021	0.124	24142	2.291		
4/15/99	21:50	B	OK	300	7.50	0.118	0.025	0.124	23477	2.251		
4/15/99	21:55	A	OK	300	7.50	0.118	0.027	0.125	24683	2.342		
4/15/99	22:00	B	OK	300	7.50	0.118	0.024	0.124	24422	2.342		
4/15/99	22:05	A	OK	300	7.50	0.117	0.032	0.125	26895	2.552		
4/15/99	22:10	B	OK	300	7.50	0.118	0.025	0.127	32230	3.090		
4/15/99	22:15	A	OK	300	7.50	0.118	0.026	0.126	31387	2.978		
4/15/99	22:20	B	OK	300	7.50	0.118	0.020	0.126	28366	2.720		
4/15/99	22:25	A	OK	300	7.50	0.118	0.026	0.126	31201	2.960		
4/15/99	22:30	B	OK	300	7.50	0.118	0.023	0.127	31013	2.974		
4/15/99	22:35	A	OK	300	7.50	0.118	0.026	0.134	56157	5.328		
4/15/99	22:40	B	OK	300	7.50	0.118	0.021	0.129	42088	4.035		
4/15/99	22:45	A	OK	300	7.49	0.118	0.022	0.138	72756	6.906		
4/15/99	22:50	B	OK	300	7.50	0.117	0.024	0.142	90216	8.650		
4/15/99	22:55	A	OK	300	7.50	0.118	0.019	0.168	183913	17.451		
4/15/99	23:00	B	OK	300	7.50	0.117	0.023	0.163	167696	16.079		
4/15/99	23:05	A	OK	300	7.50	0.117	0.025	0.146	102652	9.740		
4/15/99	23:10	B	OK	300	7.50	0.117	0.016	0.184	245124	23.504		
4/15/99	23:15	A	OK	300	7.50	0.117	0.023	0.162	159146	15.101		
4/15/99	23:20	B	OK	300	7.50	0.117	0.027	0.140	80919	7.759		
4/15/99	23:25	A	OK	300	7.50	0.117	0.018	0.134	59755	5.670		
4/15/99	23:30	B	OK	300	7.50	0.117	0.021	0.144	98165	9.412		
4/15/99	23:35	A	OK	300	7.50	0.117	0.030	0.128	37702	3.577		
4/15/99	23:40	B	OK	300	7.50	0.117	0.019	0.127	34105	3.270		
4/15/99	23:45	A	OK	300	7.50	0.117	0.022	0.128	35603	3.378		
4/15/99	23:50	B	OK	300	7.50	0.117	0.026	0.127	33548	3.217		
4/15/99	23:55	A	OK	300	7.50	0.117	0.031	0.129	41291	3.918		
4/16/99	0:00	B	OK	300	7.50	0.117	0.021	0.127	31889	3.058		
4/16/99	0:05	A	OK	300	7.50	0.117	0.022	0.127	33765	3.204		
4/16/99	0:10	B	OK	300	7.50	0.117	0.020	0.127	32264	3.094		
4/16/99	0:15	A	OK	300	7.50	0.118	0.023	0.128	37210	3.531		
4/16/99	0:20	B	OK	300	7.50	0.117	0.028	0.160	156308	14.988		
4/16/99	0:25	A	OK	300	7.50	0.118	0.022	0.139	77046	7.310		
4/16/99	0:30	B	OK	300	7.50	0.118	0.022	0.128	36955	3.543		
4/16/99	0:35	A	OK	300	7.50	0.118	0.031	0.129	40061	3.801		
4/16/99	0:40	B	OK	300	7.50	0.118	0.024	0.145	102051	9.789		

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/16/99	0:45	A	OK	300	7.50	0.118	0.023	0.165	174679	16.575		
4/16/99	0:50	B	OK	300	7.50	0.118	0.025	0.148	111483	10.689		
4/16/99	0:55	A	OK	300	7.50	0.118	0.030	0.137	70118	6.653		
4/16/99	1:00	B	OK	300	7.50	0.118	0.025	0.129	41083	3.939		
4/16/99	1:05	A	OK	300	7.50	0.118	0.024	0.132	52466	4.978		
4/16/99	1:10	B	OK	300	7.50	0.118	0.025	0.130	42989	4.122		
4/16/99	1:15	A	OK	300	7.50	0.118	0.028	0.127	31776	3.015		
4/16/99	1:20	B	OK	300	7.50	0.118	0.025	0.126	28690	2.751		
4/16/99	1:25	A	OK	300	7.50	0.118	0.020	0.125	26297	2.495		
4/16/99	1:30	B	OK	300	7.50	0.118	0.025	0.125	25169	2.413		
4/16/99	1:35	A	OK	300	7.50	0.118	0.027	0.125	23929	2.271		
4/16/99	1:40	B	OK	300	7.50	0.118	0.024	0.124	22418	2.150		
4/16/99	1:45	A	OK	300	7.50	0.118	0.022	0.124	22401	2.125		
4/16/99	1:50	B	OK	300	7.50	0.118	0.018	0.124	21888	2.099		
4/16/99	1:55	A	OK	300	7.50	0.118	0.019	0.124	20925	1.985		
4/16/99	2:00	B	OK	300	7.50	0.118	0.024	0.124	22325	2.141		
4/16/99	2:05	A	OK	300	7.50	0.118	0.021	0.124	21445	2.035		
4/16/99	2:10	B	OK	300	7.50	0.118	0.025	0.124	20413	1.957		
4/16/99	2:15	A	OK	300	7.50	0.118	0.023	0.124	21916	2.079		
4/16/99	2:20	B	OK	300	7.50	0.118	0.020	0.124	20815	1.996		
4/16/99	2:25	A	OK	300	7.50	0.118	0.025	0.124	21095	2.002		
4/16/99	2:30	B	OK	300	7.50	0.118	0.023	0.124	21150	2.028		
4/16/99	2:35	A	OK	300	7.49	0.118	0.020	0.124	21708	2.060		
4/16/99	2:40	B	OK	300	7.50	0.118	0.028	0.124	21743	2.085		
4/16/99	2:45	A	OK	300	7.50	0.118	0.022	0.124	21447	2.035		
4/16/99	2:50	B	OK	300	7.50	0.118	0.024	0.124	21151	2.028		
4/16/99	2:55	A	OK	300	7.50	0.118	0.021	0.124	21647	2.054		
4/16/99	3:00	B	OK	300	7.50	0.118	0.020	0.124	21327	2.045		
4/16/99	3:05	A	OK	300	7.50	0.118	0.028	0.124	21282	2.019		
4/16/99	3:10	B	OK	300	7.50	0.118	0.023	0.124	20540	1.969		
4/16/99	3:15	A	OK	300	7.50	0.118	0.025	0.124	21506	2.041		
4/16/99	3:20	B	OK	300	7.50	0.118	0.026	0.124	20920	2.006		
4/16/99	3:25	A	OK	300	7.50	0.118	0.022	0.124	21577	2.047		
4/16/99	3:30	B	OK	300	7.50	0.118	0.022	0.124	20948	2.009		
4/16/99	3:35	A	OK	300	7.50	0.118	0.022	0.124	21162	2.008		
4/16/99	3:40	B	OK	300	7.50	0.118	0.022	0.124	21245	2.037		
4/16/99	3:45	A	OK	300	7.50	0.118	0.026	0.124	22289	2.115		
4/16/99	3:50	B	OK	300	7.50	0.118	0.030	0.124	21172	2.030		
4/16/99	3:55	A	OK	300	7.50	0.118	0.028	0.124	21485	2.039		
4/16/99	4:00	B	OK	300	7.50	0.118	0.025	0.124	21390	2.051		
4/16/99	4:05	A	OK	300	7.50	0.118	0.029	0.124	21112	2.003		
4/16/99	4:10	B	OK	300	7.50	0.118	0.023	0.124	21319	2.044		
4/16/99	4:15	A	OK	300	7.50	0.118	0.022	0.124	21176	2.009		
4/16/99	4:20	B	OK	300	7.50	0.118	0.023	0.124	20429	1.959		
4/16/99	4:25	A	OK	300	7.49	0.118	0.022	0.124	21356	2.027		
4/16/99	4:30	B	OK	300	7.50	0.118	0.019	0.124	21464	2.058		
4/16/99	4:35	A	OK	300	7.50	0.118	0.024	0.124	21133	2.005		
4/16/99	4:40	B	OK	300	7.50	0.118	0.023	0.124	21230	2.036		
4/16/99	4:45	A	OK	300	7.50	0.118	0.022	0.124	21443	2.035		
4/16/99	4:50	B	OK	300	7.50	0.118	0.024	0.124	21627	2.074		
4/16/99	4:55	A	OK	300	7.50	0.118	0.022	0.124	22520	2.137		
4/16/99	5:00	B	OK	300	7.50	0.118	0.027	0.124	22012	2.111		
4/16/99	5:05	A	OK	300	7.50	0.118	0.029	0.124	22014	2.089		
4/16/99	5:10	B	OK	300	7.50	0.118	0.018	0.124	21921	2.102		

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/16/99	5:15	A	OK	300	7.50	0.118	0.022	0.124	20293	1.925		
4/16/99	5:20	B	OK	300	7.50	0.118	0.023	0.124	21876	2.098		
4/16/99	5:25	A	OK	300	7.50	0.118	0.024	0.124	21730	2.062		
4/16/99	5:30	B	OK	300	7.50	0.118	0.024	0.124	21931	2.103		
4/16/99	5:35	A	OK	300	7.50	0.118	0.022	0.124	21932	2.081		
4/16/99	5:40	B	OK	300	7.50	0.118	0.020	0.124	22236	2.132		
4/16/99	5:45	A	OK	300	7.50	0.118	0.027	0.124	22260	2.112		
4/16/99	5:50	B	OK	300	7.50	0.118	0.023	0.124	21530	2.064		
4/16/99	5:55	A	OK	300	7.50	0.118	0.022	0.124	21764	2.065		
4/16/99	6:00	B	OK	300	7.50	0.118	0.021	0.124	21696	2.080		
4/16/99	6:05	A	OK	300	7.50	0.118	0.023	0.124	21335	2.024		
4/16/99	6:10	B	OK	300	7.50	0.118	0.025	0.124	21818	2.092		
4/16/99	6:15	A	OK	300	7.50	0.118	0.019	0.124	22663	2.150		
4/16/99	6:20	B	OK	300	7.50	0.118	0.021	0.124	22178	2.126		
4/16/99	6:25	A	OK	300	7.49	0.118	0.025	0.124	22837	2.168		
4/16/99	6:30	B	OK	300	7.50	0.118	0.026	0.124	22264	2.135		
4/16/99	6:35	A	OK	300	7.50	0.118	0.020	0.124	23444	2.225		
4/16/99	6:40	B	OK	300	7.50	0.118	0.027	0.124	23530	2.256		
4/16/99	6:45	A	OK	300	7.50	0.118	0.022	0.125	22737	2.157		
4/16/99	6:50	B	OK	300	7.50	0.118	0.021	0.124	22541	2.161		
4/16/99	6:55	A	OK	300	7.50	0.118	0.020	0.124	23120	2.194		
4/16/99	7:00	B	OK	300	7.50	0.118	0.018	0.124	23074	2.212		
4/16/99	7:05	A	OK	300	7.50	0.118	0.028	0.125	24816	2.355		
4/16/99	7:45	A	OK	300	7.47	0.118	0.020	0.136	65341	6.423		
4/16/99	7:50	B	OK	300	7.50	0.118	0.020	0.129	38812	3.891		
4/16/99	7:55	A	OK	300	7.50	0.118	0.020	0.129	40888	4.007		
4/16/99	8:00	B	OK	300	7.50	0.118	0.021	0.129	41656	4.177		
4/16/99	8:05	A	OK	300	7.50	0.118	0.023	0.130	42259	4.142		
4/16/99	8:10	B	OK	300	7.50	0.118	0.022	0.130	42859	4.297		
4/16/99	8:15	A	OK	300	7.50	0.118	0.022	0.130	44060	4.318		
4/16/99	8:20	B	OK	300	7.50	0.118	0.020	0.130	44490	4.462		
4/16/99	8:25	A	OK	300	7.50	0.118	0.019	0.130	45126	4.423		
4/16/99	8:30	B	OK	300	7.50	0.118	0.023	0.130	43384	4.350		
4/16/99	8:35	A	OK	300	7.50	0.118	0.020	0.130	44356	4.347		
4/16/99	8:40	B	OK	300	7.50	0.118	0.021	0.130	44403	4.452		
4/16/99	8:45	A	OK	300	7.50	0.118	0.023	0.130	44084	4.321		
4/16/99	8:50	B	OK	300	7.50	0.118	0.021	0.130	44829	4.495		
4/16/99	8:55	A	OK	300	7.50	0.118	0.018	0.130	43160	4.230		
4/16/99	9:00	B	OK	300	7.50	0.118	0.026	0.130	43622	4.374		
4/16/99	9:05	A	OK	300	7.50	0.118	0.019	0.130	44758	4.386		
4/16/99	9:10	B	OK	300	7.50	0.118	0.021	0.129	42827	4.294		
4/16/99	9:15	A	OK	300	7.50	0.118	0.017	0.129	42588	4.174		
4/16/99	9:20	B	OK	300	7.50	0.118	0.020	0.129	41747	4.186		
4/16/99	9:25	A	OK	300	7.50	0.118	0.020	0.130	43958	4.308		
4/16/99	9:30	B	OK	300	7.50	0.118	0.023	0.129	42223	4.234		
4/16/99	9:35	A	OK	300	7.50	0.118	0.021	0.129	42276	4.143		
4/16/99	9:40	B	OK	300	7.50	0.118	0.018	0.129	42407	4.252		
4/16/99	9:45	A	OK	300	7.50	0.118	0.019	0.129	42172	4.133		
4/16/99	9:50	B	OK	300	7.50	0.118	0.018	0.129	41671	4.178		
4/16/99	9:55	A	OK	300	7.50	0.118	0.021	0.129	41656	4.082		
4/16/99	10:00	B	OK	300	7.50	0.117	0.023	0.128	40491	4.060		
4/16/99	10:05	A	OK	300	7.50	0.117	0.021	0.129	41665	4.083		
4/16/99	10:10	B	OK	300	7.50	0.118	0.019	0.128	40695	4.080		
4/16/99	10:15	A	OK	300	7.49	0.117	0.025	0.128	39455	3.868		

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/16/99	10:20	B	OK	300	7.50	0.117	0.025	0.128	40391	4.050		
4/16/99	10:25	A	OK	300	7.50	0.117	0.023	0.129	41227	4.040		
4/16/99	10:30	B	OK	300	7.50	0.117	0.021	0.128	39081	3.919		
4/16/99	10:35	A	OK	300	7.50	0.117	0.023	0.128	39829	3.903		
4/16/99	10:40	B	OK	300	7.50	0.117	0.021	0.128	38927	3.903		
4/16/99	10:45	A	OK	300	7.50	0.117	0.020	0.128	39458	3.867		
4/16/99	10:50	B	OK	300	7.50	0.117	0.024	0.128	39289	3.939		
4/16/99	10:55	A	OK	300	7.50	0.117	0.020	0.128	37890	3.713		
4/16/99	11:00	B	OK	300	7.50	0.117	0.020	0.128	37331	3.743		
4/16/99	11:05	A	OK	300	7.50	0.117	0.023	0.128	38011	3.725		
4/16/99	11:10	B	OK	300	7.50	0.117	0.022	0.127	36491	3.659		
4/16/99	11:15	A	OK	300	7.50	0.117	0.023	0.127	36866	3.613		
4/16/99	11:20	B	OK	300	7.50	0.117	0.017	0.127	36548	3.665		
4/16/99	11:25	A	OK	300	7.50	0.117	0.023	0.127	37830	3.708		
4/16/99	11:30	B	OK	300	7.50	0.117	0.019	0.127	37178	3.728		
4/16/99	11:35	A	OK	300	7.50	0.117	0.022	0.127	36500	3.577		
4/16/99	11:40	B	OK	300	7.50	0.117	0.020	0.128	38465	3.857		
4/16/99	11:45	A	OK	300	7.50	0.117	0.021	0.132	53388	5.232		
4/16/99	11:50	B	OK	300	7.50	0.117	0.027	0.133	60919	6.108		
4/16/99	11:55	A	OK	300	7.50	0.117	0.020	0.127	38081	3.732		
4/16/99	12:00	B	OK	300	7.50	0.117	0.019	0.127	36222	3.632		
4/16/99	12:05	A	OK	300	7.50	0.117	0.023	0.127	35515	3.481		
4/16/99	12:10	B	OK	300	7.50	0.117	0.023	0.126	33929	3.403		
4/16/99	12:15	A	OK	300	7.50	0.117	0.030	0.126	33364	3.270		
4/16/99	12:20	B	OK	300	7.50	0.117	0.021	0.126	35005	3.510		
4/16/99	12:25	A	OK	300	7.50	0.117	0.026	0.126	34297	3.361		
4/16/99	12:30	B	OK	300	7.50	0.117	0.024	0.126	34495	3.459		
4/16/99	12:35	A	OK	300	7.50	0.117	0.021	0.126	33509	3.284		
4/16/99	12:40	B	OK	300	7.50	0.117	0.022	0.126	33173	3.326		
4/16/99	12:45	A	OK	300	7.50	0.117	0.023	0.126	33253	3.259		
4/16/99	12:50	B	OK	300	7.50	0.117	0.022	0.126	33059	3.315		
4/16/99	12:55	A	OK	300	7.50	0.117	0.019	0.126	33583	3.291		
4/16/99	13:00	B	OK	300	7.50	0.117	0.022	0.126	33068	3.316		
4/16/99	13:05	A	OK	300	7.50	0.117	0.020	0.126	33779	3.310		
4/16/99	13:10	B	OK	300	7.50	0.117	0.022	0.126	32675	3.276		
4/16/99	13:15	A	OK	300	7.50	0.117	0.024	0.126	32372	3.173		
4/16/99	13:20	B	OK	300	7.50	0.117	0.023	0.125	31301	3.138		
4/16/99	13:25	A	OK	300	7.50	0.117	0.019	0.126	33809	3.313		
4/16/99	13:30	B	OK	300	7.50	0.117	0.024	0.126	32311	3.240		
4/16/99	13:35	A	OK	300	7.50	0.117	0.020	0.126	32577	3.193		
4/16/99	13:40	B	OK	300	7.50	0.117	0.020	0.125	32188	3.227		
4/16/99	13:45	A	OK	300	7.50	0.117	0.019	0.125	32389	3.174		
4/16/99	13:50	B	OK	300	7.50	0.117	0.025	0.125	30184	3.027		
4/16/99	13:55	A	OK	300	7.50	0.117	0.018	0.126	32436	3.179		
4/16/99	14:00	B	OK	300	7.50	0.117	0.020	0.125	30621	3.071		
4/16/99	14:05	A	OK	300	7.50	0.117	0.022	0.125	31356	3.073		
4/16/99	14:10	B	OK	300	7.50	0.117	0.028	0.125	29731	2.981		
4/16/99	14:15	A	OK	300	7.50	0.117	0.022	0.126	33946	3.327		
4/16/99	14:20	B	OK	300	7.50	0.117	0.019	0.125	30009	3.009		
4/16/99	14:25	A	OK	300	7.50	0.117	0.019	0.125	31597	3.097		
4/16/99	14:30	B	OK	300	7.50	0.117	0.025	0.125	29055	2.913		
4/16/99	14:35	A	OK	300	7.50	0.117	0.022	0.125	30458	2.985		
4/16/99	14:40	B	OK	300	7.50	0.117	0.021	0.124	28469	2.854		
4/16/99	14:45	A	OK	300	7.50	0.117	0.020	0.125	29874	2.928		

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/16/99	14:50	B	OK	300	7.50	0.117	0.022	0.125	29476	2.956		
4/16/99	14:55	A	OK	300	7.50	0.117	0.025	0.125	29853	2.926		
4/16/99	15:00	B	OK	300	7.50	0.117	0.023	0.124	28939	2.902		
4/16/99	15:05	A	OK	300	7.50	0.117	0.023	0.125	29792	2.920		
4/16/99	15:10	B	OK	300	7.50	0.117	0.018	0.125	29974	3.005		
4/16/99	15:15	A	OK	300	7.50	0.117	0.029	0.125	29305	2.872		
4/16/99	15:20	B	OK	300	7.50	0.117	0.019	0.125	29295	2.937		
4/16/99	15:25	A	OK	300	7.50	0.117	0.021	0.125	30160	2.956		
4/16/99	15:30	B	OK	300	7.50	0.117	0.033	0.125	29643	2.972		
4/16/99	15:35	A	OK	300	7.50	0.117	0.026	0.125	29182	2.860		
4/16/99	15:40	B	OK	300	7.50	0.117	0.027	0.124	28311	2.839		
4/16/99	15:45	A	OK	300	7.50	0.117	0.026	0.124	28493	2.792		
4/16/99	15:50	B	OK	300	7.50	0.117	0.032	0.125	28706	2.879		
4/16/99	15:55	A	OK	300	7.50	0.117	0.027	0.125	29227	2.864		
4/16/99	16:00	B	OK	300	7.50	0.117	0.025	0.124	28961	2.904		
4/16/99	16:05	A	OK	300	7.50	0.117	0.030	0.124	29556	2.897		
4/16/99	16:10	B	OK	300	7.50	0.117	0.020	0.124	28893	2.897		
4/16/99	16:15	A	OK	300	7.50	0.117	0.023	0.124	29050	2.847		
4/16/99	16:20	B	OK	300	7.50	0.117	0.024	0.124	27863	2.794		
4/16/99	16:25	A	OK	300	7.50	0.117	0.022	0.124	28841	2.827		
4/16/99	16:30	B	OK	300	7.50	0.116	0.020	0.124	26746	2.682		
4/16/99	16:35	A	OK	300	7.50	0.117	0.021	0.124	28284	2.772		
4/16/99	16:40	B	OK	300	7.50	0.116	0.024	0.124	27533	2.761		
4/16/99	16:45	A	OK	300	7.50	0.117	0.020	0.124	27050	2.651		
4/16/99	16:50	B	OK	300	7.50	0.117	0.030	0.124	25450	2.552		
4/16/99	16:55	A	OK	300	7.50	0.117	0.023	0.124	26621	2.609		
4/16/99	17:00	B	OK	300	7.50	0.117	0.022	0.124	26418	2.649		
4/16/99	17:05	A	OK	300	7.50	0.116	0.025	0.124	26314	2.579		
4/16/99	17:10	B	OK	300	7.50	0.117	0.029	0.124	25317	2.539		
4/16/99	17:15	A	OK	300	7.50	0.117	0.018	0.124	27091	2.655		
4/16/99	17:20	B	OK	300	7.50	0.117	0.025	0.124	26155	2.622		
4/16/99	17:25	A	OK	300	7.50	0.117	0.020	0.124	26032	2.551		
4/16/99	17:30	B	OK	300	7.50	0.117	0.020	0.123	25268	2.534		
4/16/99	17:35	A	OK	300	7.50	0.117	0.023	0.124	25301	2.480		
4/16/99	17:40	B	OK	300	7.50	0.117	0.022	0.123	24323	2.439		
4/16/99	17:45	A	OK	300	7.49	0.117	0.025	0.124	25165	2.467		
4/16/99	17:50	B	OK	300	7.50	0.117	0.028	0.123	24654	2.472		
4/16/99	17:55	A	OK	300	7.50	0.117	0.020	0.124	23495	2.303		
4/16/99	18:00	B	OK	300	7.50	0.117	0.025	0.123	24594	2.466		
4/16/99	18:05	A	OK	300	7.50	0.117	0.023	0.123	24051	2.357		
4/16/99	18:10	B	OK	300	7.50	0.117	0.019	0.123	23595	2.366		
4/16/99	18:15	A	OK	300	7.50	0.117	0.025	0.123	24035	2.356		
4/16/99	18:20	B	OK	300	7.50	0.117	0.019	0.123	22719	2.278		
4/16/99	18:25	A	OK	300	7.50	0.117	0.023	0.123	23506	2.304		
4/16/99	18:30	B	OK	300	7.50	0.117	0.030	0.123	22820	2.288		
4/16/99	18:35	A	OK	300	7.50	0.117	0.019	0.123	23365	2.290		
4/16/99	18:40	B	OK	300	7.50	0.117	0.022	0.123	22721	2.278		
4/16/99	18:45	A	OK	300	7.50	0.117	0.022	0.123	22648	2.220		
4/16/99	18:50	B	OK	300	7.50	0.117	0.019	0.123	22098	2.216		
4/16/99	18:55	A	OK	300	7.50	0.117	0.025	0.123	21965	2.153		
4/16/99	19:00	B	OK	300	7.50	0.117	0.025	0.123	22364	2.242		
4/16/99	19:05	A	OK	300	7.50	0.117	0.026	0.123	21418	2.099		
4/16/99	19:10	B	OK	300	7.50	0.117	0.027	0.123	21739	2.180		
4/16/99	19:15	A	OK	300	7.50	0.117	0.021	0.123	21626	2.119		

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/16/99	19:20	B	OK	300	7.50	0.117	0.021	0.123	21025	2.108		
4/16/99	19:25	A	OK	300	7.50	0.117	0.025	0.123	22263	2.182		
4/16/99	19:30	B	OK	300	7.50	0.117	0.023	0.123	20995	2.105		
4/16/99	19:35	A	OK	300	7.49	0.117	0.025	0.123	21707	2.128		
4/16/99	19:40	B	OK	300	7.50	0.117	0.021	0.123	19951	2.000		
4/16/99	19:45	A	OK	300	7.50	0.117	0.023	0.123	20654	2.024		
4/16/99	19:50	B	OK	300	7.50	0.117	0.024	0.123	20173	2.023		
4/16/99	19:55	A	OK	300	7.50	0.117	0.024	0.123	20779	2.036		
4/16/99	20:00	B	OK	300	7.50	0.117	0.025	0.123	20524	2.058		
4/16/99	20:05	A	OK	300	7.50	0.117	0.025	0.123	20859	2.044		
4/16/99	20:10	B	OK	300	7.50	0.117	0.029	0.123	20889	2.094		
4/16/99	20:15	A	OK	300	7.50	0.117	0.022	0.123	20687	2.027		
4/16/99	20:20	B	OK	300	7.50	0.117	0.023	0.123	20210	2.026		
4/16/99	20:25	A	OK	300	7.50	0.117	0.022	0.123	20963	2.054		
4/16/99	20:30	B	OK	300	7.50	0.117	0.025	0.123	20529	2.058		
4/16/99	20:35	A	OK	300	7.50	0.117	0.026	0.123	20870	2.045		
4/16/99	20:40	B	OK	300	7.50	0.117	0.020	0.123	19852	1.991		
4/16/99	20:45	A	OK	300	7.50	0.117	0.019	0.123	20427	2.002		
4/16/99	20:50	B	OK	300	7.50	0.117	0.024	0.123	20813	2.087		
4/16/99	20:55	A	OK	300	7.50	0.117	0.024	0.123	20861	2.044		
4/16/99	21:00	B	OK	300	7.50	0.117	0.022	0.123	19547	1.960		
4/16/99	21:05	A	OK	300	7.50	0.117	0.021	0.123	20742	2.033		
4/16/99	21:10	B	OK	300	7.50	0.117	0.022	0.123	19411	1.946		
4/16/99	21:15	A	OK	300	7.50	0.117	0.025	0.123	20023	1.962		
4/16/99	21:20	B	OK	300	7.50	0.117	0.025	0.123	19973	2.003		
4/16/99	21:25	A	OK	300	7.50	0.117	0.024	0.123	20276	1.987		
4/16/99	21:30	B	OK	300	7.50	0.117	0.020	0.123	19931	1.999		
4/16/99	21:35	A	OK	300	7.50	0.117	0.017	0.123	20190	1.979		
4/16/99	21:40	B	OK	300	7.50	0.117	0.019	0.123	19244	1.930		
4/16/99	21:45	A	OK	300	7.50	0.117	0.027	0.123	21065	2.064		
4/16/99	21:50	B	OK	300	7.50	0.117	0.019	0.123	19359	1.941		
4/16/99	21:55	A	OK	300	7.50	0.117	0.022	0.123	20472	2.006		
4/16/99	22:00	B	OK	300	7.50	0.117	0.019	0.123	20031	2.008		
4/16/99	22:05	A	OK	300	7.50	0.117	0.024	0.123	20330	1.992		
4/16/99	22:10	B	OK	300	7.50	0.117	0.018	0.123	20187	2.024		
4/16/99	22:15	A	OK	300	7.50	0.117	0.020	0.123	19877	1.948		
4/16/99	22:20	B	OK	300	7.50	0.117	0.025	0.123	19873	1.993		
4/16/99	22:25	A	OK	300	7.50	0.117	0.021	0.123	20411	2.000		
4/16/99	22:30	B	OK	300	7.50	0.117	0.020	0.123	20331	2.039		
4/16/99	22:35	A	OK	300	7.50	0.117	0.022	0.123	21075	2.065		
4/16/99	22:40	B	OK	300	7.50	0.117	0.032	0.123	20162	2.022		
4/16/99	22:45	A	OK	300	7.50	0.117	0.020	0.123	21064	2.064		
4/16/99	22:50	B	OK	300	7.50	0.117	0.028	0.123	20297	2.035		
4/16/99	22:55	A	OK	300	7.50	0.117	0.021	0.123	20696	2.028		
4/16/99	23:00	B	OK	300	7.50	0.117	0.022	0.123	20429	2.048		
4/16/99	23:05	A	OK	300	7.50	0.117	0.023	0.123	20106	1.971		
4/16/99	23:10	B	OK	300	7.50	0.117	0.019	0.123	20254	2.031		
4/16/99	23:15	A	OK	300	7.50	0.117	0.018	0.123	20168	1.977		
4/16/99	23:20	B	OK	300	7.50	0.117	0.023	0.123	19125	1.918		
4/16/99	23:25	A	OK	300	7.50	0.117	0.025	0.123	19365	1.898		
4/16/99	23:30	B	OK	300	7.50	0.117	0.017	0.123	20061	2.012		
4/16/99	23:35	A	OK	300	7.50	0.117	0.019	0.123	20669	2.026		
4/16/99	23:40	B	OK	300	7.50	0.117	0.025	0.123	19735	1.979		
4/16/99	23:45	A	OK	300	7.50	0.117	0.021	0.123	20594	2.018		

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/16/99	23:50	B	OK	300	7.50	0.117	0.021	0.123	20160	2.021		
4/16/99	23:55	A	OK	300	7.50	0.117	0.023	0.123	20366	1.996		
4/17/99	0:00	B	OK	300	7.50	0.117	0.030	0.123	19854	1.991		
4/17/99	0:05	A	OK	300	7.50	0.117	0.021	0.123	20498	2.009		
4/17/99	0:10	B	OK	300	7.50	0.117	0.021	0.123	19713	1.977		
4/17/99	0:15	A	OK	300	7.50	0.117	0.020	0.123	20797	2.038		
4/17/99	0:20	B	OK	300	7.50	0.117	0.028	0.123	19967	2.002		
4/17/99	0:25	A	OK	300	7.50	0.117	0.023	0.123	20372	1.997		
4/17/99	0:30	B	OK	300	7.50	0.117	0.023	0.123	20379	2.043		
4/17/99	0:35	A	OK	300	7.50	0.117	0.021	0.123	20178	1.978		
4/17/99	0:40	B	OK	300	7.50	0.117	0.026	0.123	20306	2.036		
4/17/99	0:45	A	OK	300	7.50	0.118	0.021	0.123	20646	2.023		
4/17/99	0:50	B	OK	300	7.50	0.117	0.018	0.123	19413	1.947		
4/17/99	0:55	A	OK	300	7.50	0.118	0.023	0.123	20567	2.016		
4/17/99	1:00	B	OK	300	7.50	0.117	0.021	0.123	19715	1.977		
4/17/99	1:05	A	OK	300	7.50	0.118	0.021	0.123	20899	2.048		
4/17/99	1:10	B	OK	300	7.50	0.118	0.024	0.123	20453	2.051		
4/17/99	1:15	A	OK	300	7.50	0.118	0.022	0.123	20334	1.993		
4/17/99	1:20	B	OK	300	7.50	0.118	0.021	0.123	20195	2.025		
4/17/99	1:25	A	OK	300	7.50	0.118	0.022	0.123	20913	2.050		
4/17/99	1:30	B	OK	300	7.50	0.118	0.022	0.123	20547	2.060		
4/17/99	1:35	A	OK	300	7.49	0.118	0.021	0.123	20889	2.048		
4/17/99	1:40	B	OK	300	7.50	0.118	0.023	0.123	20794	2.085		
4/17/99	1:45	A	OK	300	7.50	0.118	0.018	0.123	20311	1.991		
4/17/99	1:50	B	OK	300	7.50	0.118	0.026	0.123	20519	2.057		
4/17/99	1:55	A	OK	300	7.50	0.118	0.023	0.123	19936	1.954		
4/17/99	2:00	B	OK	300	7.50	0.118	0.018	0.123	20224	2.028		
4/17/99	2:05	A	OK	300	7.50	0.118	0.022	0.123	20529	2.012		
4/17/99	2:10	B	OK	300	7.50	0.118	0.021	0.123	20369	2.042		
4/17/99	2:15	A	OK	300	7.50	0.118	0.023	0.123	20102	1.970		
4/17/99	2:20	B	OK	300	7.50	0.118	0.025	0.123	19887	1.994		
4/17/99	2:25	A	OK	300	7.50	0.118	0.025	0.123	20355	1.995		
4/17/99	2:30	B	OK	300	7.50	0.118	0.022	0.123	19724	1.978		
4/17/99	2:35	A	OK	300	7.50	0.118	0.023	0.123	19958	1.956		
4/17/99	2:40	B	OK	300	7.50	0.118	0.021	0.123	20339	2.039		
4/17/99	2:45	A	OK	300	7.50	0.118	0.023	0.124	21253	2.083		
4/17/99	2:50	B	OK	300	7.50	0.118	0.022	0.123	20778	2.083		
4/17/99	2:55	A	OK	300	7.50	0.118	0.020	0.124	19831	1.943		
4/17/99	3:00	B	OK	300	7.50	0.118	0.024	0.123	20642	2.070		
4/17/99	3:05	A	OK	300	7.50	0.118	0.024	0.124	20078	1.968		
4/17/99	3:10	B	OK	300	7.50	0.118	0.019	0.123	19474	1.953		
4/17/99	3:15	A	OK	300	7.50	0.118	0.029	0.124	20241	1.984		
4/17/99	3:20	B	OK	300	7.50	0.118	0.023	0.123	19919	1.997		
4/17/99	3:25	A	OK	300	7.50	0.118	0.021	0.124	20576	2.017		
4/17/99	3:30	B	OK	300	7.50	0.118	0.019	0.124	20362	2.042		
4/17/99	3:35	A	OK	300	7.50	0.118	0.021	0.124	19792	1.940		
4/17/99	3:40	B	OK	300	7.50	0.118	0.021	0.123	20094	2.015		
4/17/99	3:45	A	OK	300	7.49	0.118	0.023	0.124	20399	2.000		
4/17/99	3:50	B	OK	300	7.50	0.118	0.026	0.124	20249	2.030		
4/17/99	3:55	A	OK	300	7.50	0.118	0.024	0.124	20308	1.990		
4/17/99	4:00	B	OK	300	7.50	0.118	0.019	0.124	21689	2.175		
4/17/99	4:05	A	OK	300	7.50	0.118	0.027	0.126	29504	2.892		
4/17/99	4:10	B	OK	300	7.50	0.118	0.029	0.124	22500	2.256		
4/17/99	4:15	A	OK	300	7.50	0.118	0.026	0.124	21254	2.083		

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/17/99	4:20	B	OK	300	7.50	0.118	0.021	0.124	20490	2.055		
4/17/99	4:25	A	OK	300	7.50	0.118	0.023	0.124	21228	2.080		
4/17/99	4:30	B	OK	300	7.50	0.118	0.022	0.124	20418	2.047		
4/17/99	4:35	A	OK	300	7.50	0.118	0.023	0.124	21185	2.076		
4/17/99	4:40	B	OK	300	7.50	0.118	0.026	0.124	20325	2.038		
4/17/99	4:45	A	OK	300	7.50	0.118	0.025	0.124	20829	2.041		
4/17/99	4:50	B	OK	300	7.50	0.118	0.023	0.124	21070	2.113		
4/17/99	4:55	A	OK	300	7.50	0.118	0.027	0.124	21561	2.113		
4/17/99	5:00	B	OK	300	7.50	0.118	0.027	0.124	20717	2.077		
4/17/99	5:05	A	OK	300	7.50	0.118	0.025	0.124	20278	1.987		
4/17/99	5:10	B	OK	300	7.50	0.119	0.027	0.124	21387	2.145		
4/17/99	5:15	A	OK	300	7.50	0.119	0.032	0.125	22275	2.183		
4/17/99	5:20	B	OK	300	7.50	0.119	0.023	0.125	22163	2.222		
4/17/99	5:25	A	OK	300	7.50	0.119	0.026	0.125	22643	2.219		
4/17/99	5:30	B	OK	300	7.50	0.119	0.019	0.125	22893	2.296		
4/17/99	5:35	A	OK	300	7.50	0.119	0.020	0.126	27822	2.727		
4/17/99	5:40	B	OK	300	7.50	0.119	0.025	0.131	46463	4.659		
4/17/99	5:45	A	OK	300	7.50	0.119	0.024	0.125	23641	2.317		
4/17/99	5:50	B	OK	300	7.50	0.119	0.024	0.125	22623	2.269		
4/17/99	5:55	A	OK	300	7.50	0.119	0.022	0.126	24826	2.433		
4/17/99	6:00	B	OK	300	7.50	0.119	0.020	0.135	62472	6.264		
4/17/99	6:05	A	OK	300	7.50	0.119	0.020	0.132	47714	4.676		
4/17/99	6:10	B	OK	300	7.50	0.119	0.028	0.126	23938	2.401		
4/17/99	6:15	A	OK	300	7.50	0.119	0.027	0.125	23345	2.288		
4/17/99	6:20	B	OK	300	7.50	0.119	0.023	0.125	21978	2.204		
4/17/99	6:25	A	OK	300	7.50	0.119	0.024	0.125	22269	2.183		
4/17/99	6:30	B	OK	300	7.50	0.119	0.026	0.125	21207	2.127		
4/17/99	6:35	A	OK	300	7.50	0.119	0.022	0.125	23077	2.262		
4/17/99	6:40	B	OK	300	7.50	0.119	0.023	0.125	22408	2.247		
4/17/99	6:45	A	OK	300	7.50	0.119	0.028	0.125	21868	2.143		
4/17/99	6:50	B	OK	300	7.50	0.119	0.022	0.125	22151	2.221		
4/17/99	6:55	A	OK	300	7.50	0.119	0.023	0.130	41687	4.086		
4/17/99	7:00	B	OK	300	7.50	0.119	0.031	0.130	40778	4.089		
4/17/99	7:05	A	OK	300	7.50	0.119	0.023	0.130	39198	3.842		
4/17/99	7:10	B	OK	300	7.50	0.119	0.022	0.127	27518	2.759		
4/17/99	7:15	A	OK	300	7.50	0.119	0.025	0.127	27908	2.735		
4/17/99	7:20	B	OK	300	7.50	0.119	0.024	0.126	24505	2.457		
4/17/99	7:25	A	OK	300	7.50	0.119	0.022	0.126	24832	2.434		
4/17/99	7:30	B	OK	300	7.50	0.119	0.020	0.126	25896	2.597		
4/17/99	7:35	A	OK	300	7.50	0.119	0.021	0.127	26905	2.637		
4/17/99	7:40	B	OK	300	7.50	0.119	0.026	0.127	28621	2.870		
4/17/99	7:45	A	OK	300	7.50	0.119	0.026	0.127	28903	2.833		
4/17/99	7:50	B	OK	300	7.50	0.119	0.021	0.126	26784	2.686		
4/17/99	7:55	A	OK	300	7.50	0.119	0.022	0.126	25911	2.539		
4/17/99	8:00	B	OK	300	7.50	0.119	0.026	0.126	24458	2.453		
4/17/99	8:05	A	OK	300	7.50	0.119	0.027	0.126	24501	2.401		
4/17/99	8:45	A	OK	300	7.47	0.118	0.025	0.128	36225	3.543		
4/17/99	8:50	B	OK	300	7.50	0.118	0.024	0.126	26849	2.676		
4/17/99	8:55	A	OK	300	7.50	0.118	0.022	0.126	28430	2.772		
4/17/99	9:00	B	OK	300	7.50	0.118	0.022	0.126	27026	2.694		
4/17/99	9:05	A	OK	300	7.50	0.118	0.022	0.126	27368	2.668		
4/17/99	9:10	B	OK	300	7.50	0.118	0.022	0.126	27647	2.756		
4/17/99	9:15	A	OK	300	7.50	0.118	0.023	0.126	27803	2.710		
4/17/99	9:20	B	OK	300	7.50	0.118	0.023	0.126	28704	2.861		

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/17/99	9:25	A	OK	300	7.50	0.118	0.019	0.126	27616	2.692		
4/17/99	9:30	B	OK	300	7.50	0.118	0.020	0.126	26337	2.625		
4/17/99	9:35	A	OK	300	7.50	0.118	0.022	0.126	27989	2.729		
4/17/99	9:40	B	OK	300	7.50	0.118	0.020	0.126	27936	2.785		
4/17/99	9:45	A	OK	300	7.50	0.118	0.022	0.125	26257	2.560		
4/17/99	9:50	B	OK	300	7.50	0.118	0.027	0.125	26992	2.690		
4/17/99	9:55	A	OK	300	7.50	0.118	0.025	0.126	27173	2.649		
4/17/99	10:00	B	OK	300	7.50	0.118	0.025	0.126	29231	2.914		
4/17/99	10:05	A	OK	300	7.50	0.118	0.023	0.126	28549	2.783		
4/17/99	10:10	B	OK	300	7.50	0.118	0.027	0.126	28856	2.876		
4/17/99	10:15	A	OK	300	7.50	0.118	0.023	0.125	27273	2.659		
4/17/99	10:20	B	OK	300	7.50	0.118	0.023	0.125	25756	2.567		
4/17/99	10:25	A	OK	300	7.50	0.118	0.018	0.125	26655	2.598		
4/17/99	10:30	B	OK	300	7.50	0.118	0.018	0.125	26801	2.671		
4/17/99	10:35	A	OK	300	7.50	0.118	0.021	0.125	26937	2.626		
4/17/99	10:40	B	OK	300	7.50	0.118	0.025	0.125	27511	2.742		
4/17/99	10:45	A	OK	300	7.50	0.118	0.023	0.125	26706	2.603		
4/17/99	10:50	B	OK	300	7.50	0.117	0.022	0.125	25470	2.540		
4/17/99	10:55	A	OK	300	7.50	0.118	0.020	0.125	26963	2.629		
4/17/99	11:00	B	OK	300	7.50	0.117	0.023	0.125	26597	2.651		
4/17/99	11:05	A	OK	300	7.50	0.117	0.025	0.125	25446	2.481		
4/17/99	11:10	B	OK	300	7.50	0.117	0.018	0.124	25822	2.574		
4/17/99	11:15	A	OK	300	7.50	0.117	0.022	0.125	27771	2.707		
4/17/99	11:20	B	OK	300	7.50	0.117	0.021	0.125	27148	2.706		
4/17/99	11:25	A	OK	300	7.50	0.117	0.027	0.126	31891	3.109		
4/17/99	11:30	B	OK	300	7.50	0.117	0.021	0.126	30701	3.060		
4/17/99	11:35	A	OK	300	7.50	0.117	0.022	0.126	30360	2.960		
4/17/99	11:40	B	OK	300	7.50	0.117	0.023	0.125	29564	2.947		
4/17/99	11:45	A	OK	300	7.50	0.117	0.020	0.126	30362	2.960		
4/17/99	11:50	B	OK	300	7.50	0.117	0.024	0.125	28988	2.889		
4/17/99	11:55	A	OK	300	7.50	0.117	0.021	0.125	29551	2.881		
4/17/99	12:00	B	OK	300	7.50	0.117	0.021	0.125	29236	2.914		
4/17/99	12:05	A	OK	300	7.50	0.117	0.024	0.125	30329	2.957		
4/17/99	12:10	B	OK	300	7.50	0.117	0.018	0.125	28716	2.862		
4/17/99	12:15	A	OK	300	7.50	0.117	0.019	0.125	28494	2.778		
4/17/99	12:20	B	OK	300	7.50	0.117	0.024	0.126	33427	3.332		
4/17/99	12:25	A	OK	300	7.50	0.117	0.017	0.125	29170	2.844		
4/17/99	12:30	B	OK	300	7.50	0.117	0.020	0.124	27823	2.773		
4/17/99	12:35	A	OK	300	7.50	0.117	0.019	0.125	27673	2.698		
4/17/99	12:40	B	OK	300	7.50	0.117	0.023	0.124	28161	2.807		
4/17/99	12:45	A	OK	300	7.49	0.117	0.022	0.125	28227	2.753		
4/17/99	12:50	B	OK	300	7.50	0.117	0.021	0.125	28373	2.828		
4/17/99	12:55	A	OK	300	7.50	0.117	0.021	0.125	29868	2.912		
4/17/99	13:00	B	OK	300	7.50	0.117	0.022	0.125	29218	2.912		
4/17/99	13:05	A	OK	300	7.50	0.117	0.021	0.124	27792	2.709		
4/17/99	13:10	B	OK	300	7.50	0.117	0.019	0.125	32371	3.227		
4/17/99	13:15	A	OK	300	7.50	0.117	0.020	0.126	35060	3.418		
4/17/99	13:20	B	OK	300	7.50	0.117	0.019	0.124	27280	2.719		
4/17/99	13:25	A	OK	300	7.50	0.117	0.021	0.124	27669	2.697		
4/17/99	13:30	B	OK	300	7.50	0.117	0.024	0.124	27779	2.769		
4/17/99	13:35	A	OK	300	7.50	0.117	0.017	0.124	27303	2.662		
4/17/99	13:40	B	OK	300	7.50	0.117	0.019	0.123	24983	2.490		
4/17/99	13:45	A	OK	300	7.50	0.117	0.019	0.125	29851	2.910		
4/17/99	13:50	B	OK	300	7.50	0.117	0.022	0.125	29817	2.972		

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/17/99	13:55	A	OK	300	7.50	0.117	0.021	0.125	30227	2.947		
4/17/99	14:00	B	OK	300	7.50	0.117	0.022	0.124	25751	2.567		
4/17/99	14:05	A	OK	300	7.50	0.117	0.021	0.124	27324	2.664		
4/17/99	14:10	B	OK	300	7.50	0.117	0.019	0.124	25515	2.543		
4/17/99	14:15	A	OK	300	7.50	0.117	0.019	0.124	27631	2.694		
4/17/99	14:20	B	OK	300	7.50	0.117	0.019	0.123	26133	2.605		
4/17/99	14:25	A	OK	300	7.50	0.116	0.019	0.124	26147	2.549		
4/17/99	14:30	B	OK	300	7.50	0.116	0.020	0.123	25784	2.570		
4/17/99	14:35	A	OK	300	7.50	0.116	0.024	0.124	26326	2.566		
4/17/99	14:40	B	OK	300	7.50	0.116	0.019	0.123	26254	2.618		
4/17/99	14:45	A	OK	300	7.50	0.116	0.023	0.124	26020	2.537		
4/17/99	14:50	B	OK	300	7.50	0.116	0.019	0.123	25909	2.583		
4/17/99	14:55	A	OK	300	7.50	0.116	0.022	0.124	28742	2.802		
4/17/99	15:00	B	OK	300	7.50	0.116	0.021	0.123	26154	2.607		
4/17/99	15:05	A	OK	300	7.50	0.116	0.024	0.124	27163	2.648		
4/17/99	15:10	B	OK	300	7.50	0.116	0.026	0.123	25715	2.563		
4/17/99	15:15	A	OK	300	7.50	0.116	0.019	0.124	26634	2.596		
4/17/99	15:20	B	OK	300	7.50	0.116	0.021	0.123	25438	2.536		
4/17/99	15:25	A	OK	300	7.50	0.116	0.021	0.124	25833	2.518		
4/17/99	15:30	B	OK	300	7.50	0.116	0.019	0.123	26605	2.652		
4/17/99	15:35	A	OK	300	7.50	0.116	0.021	0.123	26598	2.593		
4/17/99	15:40	B	OK	300	7.50	0.116	0.020	0.123	25306	2.522		
4/17/99	15:45	A	OK	300	7.50	0.116	0.021	0.123	25357	2.472		
4/17/99	15:50	B	OK	300	7.50	0.116	0.022	0.123	25097	2.502		
4/17/99	15:55	A	OK	300	7.50	0.116	0.022	0.123	24832	2.421		
4/17/99	16:00	B	OK	300	7.50	0.116	0.021	0.123	25794	2.571		
4/17/99	16:05	A	OK	300	7.50	0.116	0.023	0.124	26769	2.610		
4/17/99	16:10	B	OK	300	7.50	0.116	0.026	0.123	26476	2.639		
4/17/99	16:15	A	OK	300	7.50	0.116	0.021	0.123	26715	2.604		
4/17/99	16:20	B	OK	300	7.50	0.116	0.019	0.123	25734	2.565		
4/17/99	16:25	A	OK	300	7.50	0.116	0.021	0.123	26070	2.541		
4/17/99	16:30	B	OK	300	7.50	0.116	0.028	0.123	26767	2.669		
4/17/99	16:35	A	OK	300	7.50	0.116	0.021	0.124	29368	2.863		
4/17/99	16:40	B	OK	300	7.50	0.116	0.020	0.124	29972	2.988		
4/17/99	16:45	A	OK	300	7.50	0.116	0.020	0.125	31288	3.050		
4/17/99	16:50	B	OK	300	7.50	0.116	0.027	0.124	29150	2.906		
4/17/99	16:55	A	OK	300	7.50	0.116	0.024	0.124	26892	2.622		
4/17/99	17:00	B	OK	300	7.50	0.116	0.022	0.123	24927	2.485		
4/17/99	17:05	A	OK	300	7.50	0.116	0.019	0.123	24438	2.382		
4/17/99	17:10	B	OK	300	7.50	0.116	0.034	0.123	22935	2.286		
4/17/99	17:15	A	OK	300	7.50	0.116	0.024	0.123	24187	2.358		
4/17/99	17:20	B	OK	300	7.50	0.116	0.025	0.123	23311	2.324		
4/17/99	17:25	A	OK	300	7.50	0.116	0.028	0.123	23846	2.325		
4/17/99	17:30	B	OK	300	7.50	0.116	0.021	0.123	23662	2.359		
4/17/99	17:35	A	OK	300	7.50	0.116	0.023	0.123	23063	2.248		
4/17/99	17:40	B	OK	300	7.50	0.116	0.021	0.123	23163	2.309		
4/17/99	17:45	A	OK	300	7.50	0.116	0.022	0.123	22745	2.217		
4/17/99	17:50	B	OK	300	7.50	0.116	0.022	0.123	23266	2.319		
4/17/99	17:55	A	OK	300	7.50	0.116	0.021	0.123	23203	2.262		
4/17/99	18:00	B	OK	300	7.50	0.116	0.022	0.123	22096	2.202		
4/17/99	18:05	A	OK	300	7.50	0.116	0.020	0.123	22977	2.240		
4/17/99	18:10	B	OK	300	7.50	0.116	0.025	0.123	22156	2.208		
4/17/99	18:15	A	OK	300	7.50	0.116	0.021	0.123	22752	2.218		
4/17/99	18:20	B	OK	300	7.50	0.116	0.025	0.123	22050	2.198		

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/17/99	18:25	A	OK	300	7.49	0.117	0.023	0.123	22142	2.159		
4/17/99	18:30	B	OK	300	7.50	0.116	0.021	0.122	21819	2.175		
4/17/99	18:35	A	OK	300	7.50	0.116	0.026	0.123	21950	2.140		
4/17/99	18:40	B	OK	300	7.50	0.117	0.020	0.122	21621	2.155		
4/17/99	18:45	A	OK	300	7.50	0.117	0.032	0.123	21882	2.133		
4/17/99	18:50	B	OK	300	7.50	0.117	0.024	0.122	21408	2.134		
4/17/99	18:55	A	OK	300	7.50	0.117	0.029	0.123	21362	2.082		
4/17/99	19:00	B	OK	300	7.50	0.117	0.022	0.122	20070	2.001		
4/17/99	19:05	A	OK	300	7.50	0.117	0.022	0.123	21465	2.092		
4/17/99	19:10	B	OK	300	7.50	0.117	0.020	0.122	21127	2.106		
4/17/99	19:15	A	OK	300	7.50	0.117	0.026	0.122	21377	2.084		
4/17/99	19:20	B	OK	300	7.50	0.117	0.026	0.122	20210	2.014		
4/17/99	19:25	A	OK	300	7.50	0.117	0.021	0.123	21027	2.050		
4/17/99	19:30	B	OK	300	7.50	0.117	0.023	0.122	20132	2.007		
4/17/99	19:35	A	OK	300	7.50	0.117	0.021	0.122	20780	2.026		
4/17/99	19:40	B	OK	300	7.50	0.117	0.033	0.122	20332	2.027		
4/17/99	19:45	A	OK	300	7.50	0.117	0.025	0.122	20518	2.000		
4/17/99	19:50	B	OK	300	7.50	0.117	0.022	0.122	19417	1.935		
4/17/99	19:55	A	OK	300	7.50	0.117	0.022	0.122	19628	1.913		
4/17/99	20:00	B	OK	300	7.50	0.117	0.023	0.122	19962	1.990		
4/17/99	20:05	A	OK	300	7.50	0.117	0.021	0.123	19974	1.947		
4/17/99	20:10	B	OK	300	7.50	0.117	0.025	0.122	19954	1.989		
4/17/99	20:15	A	OK	300	7.50	0.117	0.024	0.122	19187	1.870		
4/17/99	20:20	B	OK	300	7.50	0.117	0.028	0.122	19474	1.942		
4/17/99	20:25	A	OK	300	7.50	0.117	0.024	0.122	20394	1.988		
4/17/99	20:30	B	OK	300	7.50	0.117	0.022	0.122	20240	2.017		
4/17/99	20:35	A	OK	300	7.50	0.117	0.023	0.122	20014	1.951		
4/17/99	20:40	B	OK	300	7.50	0.117	0.024	0.122	20271	2.021		
4/17/99	20:45	A	OK	300	7.50	0.117	0.026	0.123	21001	2.047		
4/17/99	20:50	B	OK	300	7.50	0.117	0.030	0.122	19974	1.991		
4/17/99	20:55	A	OK	300	7.50	0.117	0.021	0.123	20470	1.995		
4/17/99	21:00	B	OK	300	7.50	0.117	0.024	0.123	19710	1.965		
4/17/99	21:05	A	OK	300	7.50	0.117	0.021	0.123	19991	1.949		
4/17/99	21:10	B	OK	300	7.50	0.117	0.023	0.123	20036	1.997		
4/17/99	21:15	A	OK	300	7.50	0.117	0.027	0.123	20122	1.962		
4/17/99	21:20	B	OK	300	7.50	0.117	0.021	0.123	22183	2.211		
4/17/99	21:25	A	OK	300	7.50	0.117	0.023	0.136	71304	6.951		
4/17/99	21:30	B	OK	300	7.50	0.117	0.021	0.164	179630	17.905		
4/17/99	21:35	A	OK	300	7.50	0.117	0.024	0.140	87079	8.489		
4/17/99	21:40	B	OK	300	7.50	0.117	0.025	0.139	86675	8.640		
4/17/99	21:45	A	OK	300	7.50	0.117	0.029	0.157	156888	15.295		
4/17/99	21:50	B	OK	300	7.50	0.117	0.024	0.131	72327	7.209		
4/17/99	21:55	A	OK	300	7.50	0.117	0.021	0.119	4425	0.431		
4/17/99	22:00	B	OK	300	7.50	0.117	0.028	0.118	1287	0.128		
4/17/99	22:05	A	NP	300	7.50	0.117	0.025	0.000	0	0.000		
4/17/99	22:10	B	OK	300	7.50	0.117	0.022	0.121	18023	1.797		
4/17/99	22:15	A	OK	300	7.50	0.117	0.024	0.124	27970	2.727		
4/17/99	22:20	B	OK	300	7.50	0.117	0.027	0.124	25497	2.542		
4/17/99	22:25	A	OK	300	7.50	0.117	0.026	0.125	31080	3.030		
4/17/99	22:30	B	OK	300	7.50	0.117	0.026	0.123	20962	2.089		
4/17/99	22:35	A	OK	300	7.50	0.117	0.020	0.123	22557	2.199		
4/17/99	22:40	B	OK	300	7.50	0.117	0.025	0.123	21905	2.184		
4/17/99	22:45	A	OK	300	7.50	0.117	0.022	0.125	27711	2.701		
4/17/99	22:50	B	OK	300	7.50	0.117	0.027	0.127	36557	3.644		

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/17/99	22:55	A	OK	300	7.50	0.118	0.032	0.124	25828	2.518		
4/17/99	23:00	B	OK	300	7.50	0.117	0.027	0.123	18432	1.837		
4/17/99	23:05	A	OK	300	7.50	0.117	0.025	0.130	49975	4.872		
4/17/99	23:10	B	OK	300	7.50	0.118	0.023	0.132	58283	5.810		
4/17/99	23:15	A	OK	300	7.50	0.118	0.023	0.120	9209	0.898		
4/17/99	23:20	B	NP	300	7.50	0.118	0.020	0.000	0	0.000		
4/17/99	23:25	A	NP	300	7.50	0.118	0.022	0.000	0	0.000		
4/17/99	23:30	B	NP	300	7.50	0.118	0.030	0.000	0	0.000		
4/17/99	23:35	A	NP	300	7.50	0.118	0.022	0.000	0	0.000		
4/17/99	23:40	B	NP	300	7.50	0.118	0.022	0.000	0	0.000		
4/17/99	23:45	A	NP	300	7.50	0.118	0.018	0.000	0	0.000		
4/17/99	23:50	B	OK	300	7.50	0.118	0.023	0.122	13059	1.302		
4/17/99	23:55	A	OK	300	7.50	0.118	0.027	0.123	20771	2.025		
4/18/99	0:00	B	OK	300	7.50	0.118	0.026	0.123	21250	2.118		
4/18/99	0:05	A	OK	300	7.50	0.118	0.024	0.124	22339	2.178		
4/18/99	0:10	B	OK	300	7.50	0.118	0.026	0.124	20340	2.028		
4/18/99	0:15	A	OK	300	7.50	0.118	0.031	0.127	33042	3.221		
4/18/99	0:20	B	OK	300	7.50	0.118	0.025	0.123	19829	1.977		
4/18/99	0:25	A	OK	300	7.50	0.118	0.022	0.121	13280	1.295		
4/18/99	0:30	B	OK	300	7.50	0.118	0.027	0.119	2522	0.251		
4/18/99	0:35	A	NP	300	7.50	0.118	0.019	0.000	0	0.000		
4/18/99	0:40	B	NP	300	7.50	0.118	0.024	0.000	0	0.000		
4/18/99	0:45	A	NP	300	7.50	0.118	0.022	0.000	0	0.000		
4/18/99	0:50	B	NP	300	7.50	0.118	0.022	0.000	0	0.000		
4/18/99	0:55	A	NP	300	7.50	0.118	0.023	0.000	0	0.000		
4/18/99	1:00	B	NP	300	7.50	0.118	0.024	0.000	0	0.000		
4/18/99	1:05	A	NP	300	7.50	0.118	0.027	0.000	0	0.000		
4/18/99	1:10	B	OK	300	7.50	0.118	0.022	0.120	6172	0.615		
4/18/99	1:15	A	NP	300	7.50	0.118	0.022	0.000	0	0.000		
4/18/99	1:20	B	OK	300	7.50	0.118	0.025	0.123	17146	1.709		
4/18/99	1:25	A	OK	300	7.50	0.118	0.023	0.124	21439	2.090		
4/18/99	1:30	B	OK	300	7.50	0.118	0.026	0.124	22606	2.253		
4/18/99	1:35	A	OK	300	7.50	0.118	0.021	0.124	21464	2.092		
4/18/99	1:40	B	OK	300	7.50	0.118	0.028	0.124	21582	2.151		
4/18/99	1:45	A	OK	300	7.50	0.119	0.022	0.124	20771	2.025		
4/18/99	1:50	B	OK	300	7.50	0.119	0.023	0.124	22095	2.203		
4/18/99	1:55	A	OK	300	7.50	0.119	0.023	0.127	33163	3.233		
4/18/99	2:00	B	OK	300	7.50	0.119	0.022	0.130	48517	4.836		
4/18/99	2:05	A	OK	300	7.50	0.119	0.027	0.135	72450	7.063		
4/18/99	2:10	B	OK	300	7.50	0.119	0.023	0.122	12193	1.215		
4/18/99	2:15	A	NP	300	7.50	0.119	0.025	0.000	0	0.000		
4/18/99	2:20	B	NP	300	7.50	0.119	0.023	0.000	0	0.000		
4/18/99	2:25	A	NP	300	7.50	0.119	0.028	0.000	0	0.000		
4/18/99	2:30	B	NP	300	7.50	0.119	0.025	0.000	0	0.000		
4/18/99	2:35	A	NP	300	7.50	0.119	0.025	0.000	0	0.000		
4/18/99	2:40	B	NP	300	7.50	0.119	0.024	0.000	0	0.000		
4/18/99	2:45	A	NP	300	7.50	0.119	0.028	0.000	0	0.000		
4/18/99	2:50	B	OK	300	7.50	0.119	0.024	0.124	17706	1.765		
4/18/99	2:55	A	OK	300	7.50	0.119	0.028	0.125	21979	2.143		
4/18/99	3:00	B	OK	300	7.50	0.119	0.023	0.126	26127	2.604		
4/18/99	3:05	A	OK	300	7.50	0.119	0.025	0.125	21607	2.106		
4/18/99	3:10	B	OK	300	7.50	0.119	0.024	0.125	22957	2.288		
4/18/99	3:15	A	OK	300	7.50	0.119	0.023	0.125	21758	2.121		
4/18/99	3:20	B	OK	300	7.50	0.119	0.025	0.125	23173	2.310		

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/18/99	3:25	A	OK	300	7.50	0.119	0.023	0.125	21679	2.113		
4/18/99	3:30	B	OK	300	7.50	0.119	0.027	0.125	22884	2.282		
4/18/99	3:35	A	OK	300	7.50	0.119	0.024	0.125	21834	2.129		
4/18/99	3:40	B	OK	300	7.50	0.119	0.022	0.125	22409	2.234		
4/18/99	3:45	A	OK	300	7.50	0.119	0.023	0.126	23111	2.253		
4/18/99	3:50	B	OK	300	7.50	0.119	0.026	0.125	22754	2.268		
4/18/99	3:55	A	OK	300	7.50	0.119	0.024	0.126	24561	2.394		
4/18/99	4:00	B	OK	300	7.50	0.119	0.024	0.126	24671	2.459		
4/18/99	4:05	A	OK	300	7.50	0.119	0.033	0.126	24198	2.359		
4/18/99	4:10	B	OK	300	7.50	0.119	0.026	0.126	22649	2.258		
4/18/99	4:15	A	OK	300	7.50	0.120	0.030	0.126	24600	2.398		
4/18/99	4:20	B	OK	300	7.50	0.120	0.028	0.126	24495	2.442		
4/18/99	4:25	A	OK	300	7.50	0.120	0.022	0.126	24748	2.413		
4/18/99	4:30	B	OK	300	7.50	0.120	0.031	0.126	23508	2.343		
4/18/99	4:35	A	OK	300	7.50	0.120	0.026	0.126	24690	2.407		
4/18/99	4:40	B	OK	300	7.50	0.120	0.022	0.126	24103	2.403		
4/18/99	4:45	A	OK	300	7.50	0.120	0.026	0.127	27956	2.726		
4/18/99	4:50	B	OK	300	7.50	0.120	0.024	0.129	36893	3.678		
4/18/99	4:55	A	OK	300	7.50	0.120	0.022	0.130	37186	3.625		
4/18/99	5:00	B	OK	300	7.50	0.120	0.024	0.139	72184	7.196		
4/18/99	5:05	A	OK	300	7.50	0.120	0.023	0.133	50142	4.889		
4/18/99	5:10	B	OK	300	7.50	0.120	0.021	0.130	36663	3.655		
4/18/99	5:15	A	OK	300	7.50	0.120	0.023	0.129	33080	3.225		
4/18/99	5:20	B	OK	300	7.50	0.120	0.024	0.131	42916	4.278		
4/18/99	5:25	A	OK	300	7.50	0.120	0.028	0.135	56791	5.537		
4/18/99	5:30	B	OK	300	7.50	0.120	0.027	0.133	48935	4.878		
4/18/99	5:35	A	OK	300	7.50	0.120	0.025	0.134	50552	4.929		
4/18/99	5:40	B	OK	300	7.50	0.120	0.023	0.130	37690	3.757		
4/18/99	5:45	A	OK	300	7.50	0.120	0.020	0.131	39559	3.857		
4/18/99	5:50	B	OK	300	7.50	0.120	0.024	0.129	34909	3.480		
4/18/99	5:55	A	OK	300	7.50	0.120	0.028	0.132	45517	4.438		
4/18/99	6:00	B	OK	300	7.50	0.120	0.027	0.133	51545	5.138		
4/18/99	6:05	A	OK	300	7.50	0.120	0.028	0.130	37588	3.665		
4/18/99	6:10	B	OK	300	7.50	0.120	0.026	0.128	29182	2.909		
4/18/99	6:15	A	OK	300	7.50	0.120	0.022	0.128	27146	2.647		
4/18/99	6:20	B	OK	300	7.50	0.120	0.024	0.127	26817	2.673		
4/18/99	6:25	A	OK	300	7.50	0.120	0.027	0.128	28350	2.764		
4/18/99	6:30	B	OK	300	7.50	0.120	0.024	0.127	27225	2.714		
4/18/99	6:35	A	OK	300	7.50	0.120	0.025	0.128	30482	2.972		
4/18/99	6:40	B	OK	300	7.50	0.120	0.024	0.129	31330	3.123		
4/18/99	6:45	A	OK	300	7.50	0.120	0.032	0.129	31078	3.030		
4/18/99	6:50	B	OK	300	7.50	0.120	0.027	0.129	31809	3.171		
4/18/99	6:55	A	OK	300	7.50	0.120	0.025	0.130	34517	3.365		
4/18/99	7:00	B	OK	300	7.50	0.120	0.022	0.130	35250	3.514		
4/18/99	7:05	A	OK	300	7.50	0.120	0.028	0.131	40415	3.940		
4/18/99	7:10	B	OK	300	7.50	0.120	0.027	0.133	46476	4.633		
4/18/99	7:15	A	OK	300	7.50	0.120	0.021	0.136	57564	5.612		
4/18/99	7:20	B	OK	300	7.50	0.120	0.025	0.135	56925	5.675		
4/18/99	7:25	A	OK	300	7.50	0.120	0.024	0.136	60051	5.855		
4/18/99	7:30	B	OK	300	7.50	0.120	0.026	0.137	63704	6.353		
4/18/99	7:35	A	OK	300	7.50	0.120	0.021	0.139	70948	6.917		
4/18/99	7:40	B	OK	300	7.50	0.120	0.021	0.146	96260	9.596		
4/18/99	7:45	A	OK	300	7.50	0.120	0.025	0.147	102061	9.950		
4/18/99	7:50	B	OK	300	7.50	0.120	0.024	0.149	109816	10.947		

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/18/99	7:55	A	OK	300	7.50	0.120	0.023	0.138	67580	6.588		
4/18/99	8:00	B	OK	300	7.50	0.120	0.019	0.138	68252	6.804		
4/18/99	8:05	A	OK	300	7.50	0.120	0.026	0.140	74707	7.283		
4/18/99	8:10	B	OK	300	7.50	0.120	0.024	0.140	78143	7.789		
4/18/99	8:15	A	OK	300	7.50	0.120	0.022	0.141	80064	7.805		
4/18/99	8:20	B	OK	300	7.50	0.120	0.022	0.140	79283	7.903		
4/18/99	8:25	A	OK	300	7.50	0.119	0.024	0.141	83632	8.153		
4/18/99	8:30	B	OK	300	7.50	0.119	0.024	0.141	82780	8.252		
4/18/99	8:35	A	OK	300	7.50	0.119	0.019	0.140	80158	7.814		
4/18/99	8:40	B	OK	300	7.50	0.119	0.025	0.139	76315	7.607		
4/18/99	8:45	A	OK	300	7.50	0.119	0.027	0.141	83976	8.186		
4/18/99	8:50	B	OK	300	7.50	0.119	0.021	0.139	79016	7.876		
4/18/99	8:55	A	OK	300	7.50	0.119	0.027	0.141	83110	8.102		
4/18/99	9:00	B	OK	300	7.50	0.119	0.025	0.140	81639	8.138		
4/18/99	9:05	A	OK	300	7.50	0.119	0.021	0.142	89254	8.701		
4/18/99	9:45	A	OK	300	7.47	0.118	0.026	0.159	160796	16.191	302.7	5.1
4/18/99	9:50	B	OK	300	7.50	0.118	0.025	0.140	90562	9.211	308.9	3.5
4/18/99	9:55	A	OK	300	7.50	0.118	0.022	0.140	87790	8.813	246.0	4.0
4/18/99	10:00	B	OK	300	7.50	0.118	0.025	0.137	77968	7.930	282.4	4.8
4/18/99	10:05	A	OK	300	7.50	0.118	0.021	0.140	86420	8.676	327.7	3.7
4/18/99	10:10	B	OK	300	7.50	0.117	0.019	0.139	84299	8.577	267.4	5.1
4/18/99	10:15	A	OK	300	7.50	0.117	0.021	0.140	89102	8.945	322.6	3.9
4/18/99	10:20	B	OK	300	7.50	0.117	0.029	0.140	90112	9.165	288.8	4.6
4/18/99	10:25	A	OK	300	7.50	0.117	0.020	0.139	85715	8.605	293.5	5.6
4/18/99	10:30	B	OK	300	7.50	0.117	0.019	0.138	80854	8.224	246.7	4.3
4/18/99	10:35	A	OK	300	7.50	0.117	0.035	0.140	88883	8.923	272.7	2.9
4/18/99	10:40	B	OK	300	7.50	0.117	0.022	0.139	85633	8.710	307.5	3.7
4/18/99	10:45	A	OK	300	7.50	0.117	0.027	0.139	83780	8.411	287.2	4.5
4/18/99	10:50	B	OK	300	7.50	0.117	0.028	0.138	81924	8.332	297.9	3.0
4/18/99	10:55	A	OK	300	7.50	0.117	0.026	0.139	83697	8.403	254.0	5.3
4/18/99	11:00	B	OK	300	7.50	0.117	0.019	0.139	84541	8.599	240.7	4.8
4/18/99	11:05	A	OK	300	7.50	0.117	0.028	0.139	86962	8.731	290.4	5.5
4/18/99	11:10	B	OK	300	7.50	0.117	0.019	0.139	85652	8.712	342.8	3.2
4/18/99	11:15	A	OK	300	7.50	0.117	0.021	0.140	89597	8.995	275.8	5.4
4/18/99	11:20	B	OK	300	7.50	0.117	0.024	0.138	85012	8.647	261.1	3.4
4/18/99	11:25	A	OK	300	7.50	0.117	0.023	0.140	93190	9.356	331.3	6.6
4/18/99	11:30	B	OK	300	7.50	0.117	0.024	0.139	86450	8.793	308.9	4.3
4/18/99	11:35	A	OK	300	7.50	0.117	0.021	0.140	92237	9.260	310.8	3.7
4/18/99	11:40	B	OK	300	7.50	0.117	0.024	0.139	89996	9.154	340.7	6.3
4/18/99	11:45	A	OK	300	7.50	0.117	0.020	0.141	92424	9.279	311.2	5.9
4/18/99	11:50	B	OK	300	7.50	0.116	0.017	0.140	93630	9.523	323.2	5.2
4/18/99	11:55	A	OK	300	7.50	0.117	0.018	0.140	91359	9.172	281.3	7.7
4/18/99	12:00	B	OK	300	7.50	0.116	0.021	0.138	84220	8.566	282.5	6.3
4/18/99	12:05	A	OK	300	7.49	0.116	0.018	0.140	90068	9.045	260.3	4.5
4/18/99	12:10	B	OK	300	7.50	0.116	0.021	0.139	87856	8.936	293.5	6.9
4/18/99	12:15	A	OK	300	7.50	0.116	0.019	0.140	93421	9.379	299.2	5.1
4/18/99	12:20	B	OK	300	7.50	0.116	0.022	0.138	85262	8.672	340.1	6.3
4/18/99	12:25	A	OK	300	7.50	0.116	0.020	0.141	94212	9.458	346.5	5.6
4/18/99	12:30	B	OK	300	7.50	0.116	0.020	0.138	87145	8.864	342.3	7.4
4/18/99	12:35	A	OK	300	7.50	0.116	0.019	0.138	84377	8.471	301.3	5.9
4/18/99	12:40	B	OK	300	7.50	0.116	0.021	0.139	87390	8.888	349.8	5.2
4/18/99	12:45	A	OK	300	7.50	0.116	0.022	0.140	90718	9.108	336.2	7.2
4/18/99	12:50	B	OK	300	7.50	0.116	0.023	0.142	103741	10.552	329.8	6.4
4/18/99	12:55	A	OK	300	7.50	0.116	0.024	0.138	85344	8.568	338.2	5.1

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/18/99	13:00	B	OK	300	7.50	0.116	0.019	0.138	86246	8.772	280.4	5.2
4/18/99	13:05	A	OK	300	7.50	0.116	0.025	0.137	82083	8.241	290.0	3.7
4/18/99	13:10	B	OK	300	7.50	0.116	0.022	0.139	88917	9.044	281.3	4.3
4/18/99	13:15	A	OK	300	7.50	0.116	0.026	0.141	95444	9.582	246.6	4.5
4/18/99	13:20	B	OK	300	7.50	0.116	0.025	0.139	89648	9.118	342.6	5.1
4/18/99	13:25	A	OK	300	7.50	0.116	0.021	0.139	89203	8.955	321.3	6.6
4/18/99	13:30	B	OK	300	7.50	0.116	0.027	0.139	90534	9.208	324.7	4.7
4/18/99	13:35	A	OK	300	7.50	0.116	0.024	0.138	84216	8.455	309.1	6.3
4/18/99	13:40	B	OK	300	7.50	0.116	0.022	0.141	98276	9.996	308.0	6.0
4/18/99	13:45	A	OK	300	7.50	0.116	0.021	0.140	93079	9.345	241.8	5.4
4/18/99	13:50	B	OK	300	7.50	0.116	0.025	0.140	95390	9.702	264.8	5.0
4/18/99	13:55	A	OK	300	7.50	0.116	0.017	0.138	88385	8.873	266.9	6.7
4/18/99	14:00	B	OK	300	7.50	0.116	0.024	0.133	66495	6.765	299.2	5.6
4/18/99	14:05	A	OK	300	7.50	0.116	0.022	0.134	68882	6.916	268.8	5.1
4/18/99	14:10	B	OK	300	7.50	0.116	0.028	0.135	74271	7.554	326.9	8.0
4/18/99	14:15	A	OK	300	7.50	0.116	0.022	0.134	70051	7.033	335.2	7.7
4/18/99	14:20	B	OK	300	7.50	0.116	0.028	0.137	81056	8.244	311.3	6.7
4/18/99	14:25	A	OK	300	7.50	0.116	0.023	0.136	76255	7.656	295.1	5.7
4/18/99	14:30	B	OK	300	7.50	0.116	0.022	0.141	99075	10.077	273.9	4.0
4/18/99	14:35	A	OK	300	7.50	0.116	0.019	0.143	103445	10.385	205.1	7.0
4/18/99	14:40	B	OK	300	7.50	0.116	0.020	0.141	99861	10.157	297.6	6.7
4/18/99	14:45	A	OK	300	7.50	0.116	0.019	0.142	102561	10.297	248.6	4.4
4/18/99	14:50	B	OK	300	7.50	0.116	0.024	0.135	74772	7.605	199.7	4.3
4/18/99	14:55	A	OK	300	7.50	0.116	0.022	0.142	101315	10.171	174.4	3.0
4/18/99	15:00	B	OK	300	7.50	0.116	0.022	0.140	96602	9.825	234.4	5.9
4/18/99	15:05	A	OK	300	7.50	0.116	0.020	0.139	88446	8.879	239.3	8.2
4/18/99	15:10	B	OK	300	7.50	0.116	0.018	0.139	92227	9.380	219.6	8.3
4/18/99	15:15	A	OK	300	7.50	0.116	0.024	0.140	94308	9.468	240.2	6.6
4/18/99	15:20	B	OK	300	7.50	0.116	0.020	0.139	91560	9.313	217.6	8.5
4/18/99	15:25	A	OK	300	7.50	0.116	0.023	0.138	88085	8.843	227.2	6.6
4/18/99	15:30	B	OK	300	7.50	0.116	0.023	0.137	84884	8.634	208.7	7.6
4/18/99	15:35	A	OK	300	7.50	0.116	0.028	0.134	70062	7.034	205.4	5.2
4/18/99	15:40	B	OK	300	7.50	0.116	0.021	0.131	61186	6.223	207.1	6.6
4/18/99	15:45	A	OK	300	7.50	0.116	0.026	0.133	65608	6.587	247.2	1.5
4/18/99	15:50	B	OK	300	7.50	0.116	0.025	0.137	82164	8.360	41.5	4.3
4/18/99	15:55	A	OK	300	7.50	0.116	0.023	0.137	82653	8.298	92.2	4.0
4/18/99	16:00	B	OK	300	7.50	0.116	0.021	0.138	83924	8.536	300.1	6.4
4/18/99	16:05	A	OK	300	7.50	0.116	0.028	0.137	80662	8.098	303.4	5.6
4/18/99	16:10	B	OK	300	7.50	0.116	0.027	0.135	74111	7.538	234.7	5.0
4/18/99	16:15	A	OK	300	7.50	0.116	0.028	0.137	79466	7.978	260.6	4.9
4/18/99	16:20	B	OK	300	7.50	0.116	0.022	0.131	59171	6.018	265.6	4.1
4/18/99	16:25	A	OK	300	7.50	0.116	0.025	0.133	65924	6.618	301.5	4.7
4/18/99	16:30	B	OK	300	7.50	0.116	0.025	0.132	64131	6.523	228.2	2.8
4/18/99	16:35	A	OK	300	7.50	0.116	0.017	0.135	72202	7.249	217.5	1.9
4/18/99	16:40	B	OK	300	7.50	0.116	0.022	0.134	70958	7.217	302.3	4.2
4/18/99	16:45	A	OK	300	7.50	0.116	0.028	0.133	67661	6.793	288.3	6.8
4/18/99	16:50	B	OK	300	7.50	0.116	0.025	0.132	65837	6.696	291.3	6.0
4/18/99	16:55	A	OK	300	7.50	0.116	0.023	0.135	72894	7.318	299.6	7.9
4/18/99	17:00	B	OK	300	7.50	0.116	0.024	0.134	70783	7.199	309.8	6.4
4/18/99	17:05	A	OK	300	7.50	0.116	0.028	0.133	67466	6.773	339.3	6.7
4/18/99	17:10	B	OK	300	7.50	0.116	0.023	0.130	59650	6.067	348.3	7.4
4/18/99	17:15	A	OK	300	7.50	0.116	0.022	0.127	45613	4.579	326.5	4.5
4/18/99	17:20	B	OK	300	7.50	0.116	0.026	0.127	42789	4.352	318.4	3.1
4/18/99	17:25	A	OK	300	7.50	0.116	0.019	0.128	47160	4.735	330.5	3.4

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/18/99	17:30	B	OK	300	7.50	0.116	0.022	0.130	55402	5.635	321.5	3.5
4/18/99	17:35	A	OK	300	7.50	0.116	0.025	0.129	50144	5.034	353.5	2.6
4/18/99	17:40	B	OK	300	7.50	0.116	0.025	0.128	46360	4.715	200.5	2.8
4/18/99	17:45	A	OK	300	7.49	0.116	0.029	0.129	48173	4.838	90.4	1.7
4/18/99	17:50	B	OK	300	7.50	0.116	0.019	0.129	50351	5.121	18.3	2.6
4/18/99	17:55	A	OK	300	7.50	0.116	0.026	0.129	50836	5.104	4.4	6.0
4/18/99	18:00	B	OK	300	7.50	0.116	0.024	0.128	48384	4.921	331.7	5.7
4/18/99	18:05	A	OK	300	7.50	0.116	0.030	0.127	39785	3.994	340.7	6.3
4/18/99	18:10	B	OK	300	7.50	0.116	0.025	0.127	42417	4.314	314.7	6.3
4/18/99	18:15	A	OK	300	7.50	0.116	0.022	0.127	41740	4.191	325.2	5.5
4/18/99	18:20	B	OK	300	7.50	0.116	0.020	0.127	40588	4.128	304.7	3.3
4/18/99	18:25	A	OK	300	7.50	0.116	0.023	0.128	45592	4.577	315.4	4.1
4/18/99	18:30	B	OK	300	7.50	0.116	0.029	0.126	37938	3.859	328.5	5.2
4/18/99	18:35	A	OK	300	7.50	0.116	0.022	0.126	34915	3.505	317.8	5.2
4/18/99	18:40	B	OK	300	7.50	0.116	0.020	0.125	33110	3.368	321.3	3.1
4/18/99	18:45	A	OK	300	7.50	0.116	0.024	0.126	36024	3.617	299.4	3.0
4/18/99	18:50	B	OK	300	7.50	0.116	0.021	0.125	35038	3.564	297.6	2.7
4/18/99	18:55	A	OK	300	7.50	0.116	0.024	0.126	38928	3.908	300.4	3.7
4/18/99	19:00	B	OK	300	7.50	0.116	0.024	0.127	40823	4.152	313.9	3.7
4/18/99	19:05	A	OK	300	7.50	0.116	0.019	0.126	36497	3.664	304.3	2.5
4/18/99	19:10	B	OK	300	7.50	0.116	0.021	0.127	38332	3.899	301.4	1.8
4/18/99	19:15	A	OK	300	7.50	0.116	0.020	0.126	35748	3.589	321.8	1.8
4/18/99	19:20	B	OK	300	7.50	0.116	0.023	0.126	36627	3.725	321.5	2.0
4/18/99	19:25	A	OK	300	7.50	0.116	0.025	0.125	32795	3.292	329.5	2.4
4/18/99	19:30	B	OK	300	7.50	0.116	0.019	0.125	32099	3.265	0.1	1.1
4/18/99	19:35	A	OK	300	7.50	0.116	0.023	0.126	36807	3.695	355.9	1.6
4/18/99	19:40	B	OK	300	7.50	0.116	0.023	0.127	43011	4.376	331.7	1.6
4/18/99	19:45	A	OK	300	7.50	0.116	0.028	0.129	46465	4.665	332.8	0.7
4/18/99	19:50	B	OK	300	7.50	0.116	0.024	0.126	36824	3.745	332.8	0.9
4/18/99	19:55	A	OK	300	7.50	0.116	0.023	0.128	41995	4.216	332.9	0.7
4/18/99	20:00	B	OK	300	7.50	0.116	0.023	0.126	37647	3.829	332.9	0.6
4/18/99	20:05	A	OK	300	7.50	0.116	0.024	0.124	28335	2.845	332.9	1.5
4/18/99	20:10	B	OK	300	7.50	0.116	0.029	0.125	31890	3.244	333.0	1.0
4/18/99	20:15	A	OK	300	7.50	0.117	0.026	0.125	30505	3.063	333.0	0.8
4/18/99	20:20	B	OK	300	7.50	0.117	0.023	0.126	36242	3.686	333.0	0.6
4/18/99	20:25	A	OK	300	7.50	0.117	0.027	0.126	35985	3.613	333.7	0.8
4/18/99	20:30	B	OK	300	7.50	0.117	0.031	0.126	36946	3.758	50.5	1.0
4/18/99	20:35	A	OK	300	7.50	0.117	0.028	0.127	36767	3.691	50.5	0.9
4/18/99	20:40	B	OK	300	7.50	0.117	0.028	0.126	33665	3.424	50.5	0.6
4/18/99	20:45	A	OK	300	7.50	0.117	0.023	0.126	34240	3.438	50.5	0.9
4/18/99	20:50	B	OK	300	7.50	0.117	0.022	0.126	34442	3.503	50.5	0.8
4/18/99	20:55	A	OK	300	7.50	0.117	0.020	0.126	33471	3.360	50.5	0.8
4/18/99	21:00	B	OK	300	7.50	0.117	0.018	0.128	40723	4.142	50.5	0.4
4/18/99	21:05	A	OK	300	7.50	0.117	0.024	0.128	41313	4.148	50.5	0.4
4/18/99	21:10	B	OK	300	7.50	0.117	0.021	0.127	37637	3.828	50.5	0.4
4/18/99	21:15	A	OK	300	7.50	0.117	0.027	0.127	38295	3.845	50.5	0.6
4/18/99	21:20	B	OK	300	7.50	0.116	0.024	0.126	34701	3.529	50.5	1.1
4/18/99	21:25	A	OK	300	7.50	0.117	0.021	0.126	33961	3.410	50.5	0.9
4/18/99	21:30	B	OK	300	7.50	0.117	0.022	0.126	33263	3.383	50.5	0.8
4/18/99	21:35	A	OK	300	7.49	0.117	0.025	0.125	30089	3.022	50.5	0.9
4/18/99	21:40	B	OK	300	7.50	0.117	0.019	0.125	31640	3.218	50.5	0.7
4/18/99	21:45	A	OK	300	7.50	0.117	0.021	0.126	32948	3.308	50.5	0.6
4/18/99	21:50	B	OK	300	7.50	0.117	0.023	0.125	30220	3.074	50.5	0.7
4/18/99	21:55	A	OK	300	7.50	0.117	0.032	0.126	33563	3.370	50.5	1.2

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/18/99	22:00	B	OK	300	7.50	0.117	0.032	0.125	28253	2.874	55.1	3.1
4/18/99	22:05	A	OK	300	7.50	0.117	0.020	0.124	25368	2.547	65.4	2.8
4/18/99	22:10	B	OK	300	7.50	0.117	0.021	0.124	25587	2.602	64.9	2.6
4/18/99	22:15	A	OK	300	7.50	0.117	0.030	0.124	25523	2.562	65.0	2.6
4/18/99	22:20	B	OK	300	7.50	0.117	0.022	0.123	23436	2.384	62.8	3.0
4/18/99	22:25	A	OK	300	7.50	0.117	0.021	0.123	21368	2.145	69.4	2.9
4/18/99	22:30	B	OK	300	7.50	0.117	0.024	0.123	22557	2.294	77.2	2.7
4/18/99	22:35	A	OK	300	7.50	0.117	0.023	0.123	23156	2.325	92.7	2.1
4/18/99	22:40	B	OK	300	7.50	0.117	0.022	0.123	22785	2.317	104.0	2.4
4/18/99	22:45	A	OK	300	7.50	0.117	0.020	0.123	23160	2.325	106.9	2.2
4/18/99	22:50	B	OK	300	7.50	0.117	0.023	0.123	23332	2.373	104.3	1.9
4/18/99	22:55	A	OK	300	7.50	0.117	0.017	0.123	23250	2.334	96.9	1.9
4/18/99	23:00	B	OK	300	7.50	0.117	0.022	0.123	22715	2.310	95.2	2.3
4/18/99	23:05	A	OK	300	7.50	0.117	0.022	0.123	22740	2.283	94.3	2.2
4/18/99	23:10	B	OK	300	7.50	0.117	0.020	0.123	21925	2.230	96.4	2.4
4/18/99	23:15	A	OK	300	7.50	0.117	0.022	0.123	22221	2.231	90.1	2.3
4/18/99	23:20	B	OK	300	7.50	0.117	0.019	0.123	22600	2.299	103.8	2.3
4/18/99	23:25	A	OK	300	7.50	0.117	0.023	0.123	21887	2.197	116.2	2.0
4/18/99	23:30	B	OK	300	7.50	0.117	0.017	0.123	21383	2.175	107.5	2.2
4/18/99	23:35	A	OK	300	7.50	0.117	0.031	0.123	21706	2.179	120.8	2.2
4/18/99	23:40	B	OK	300	7.50	0.117	0.021	0.123	20794	2.116	114.9	2.9
4/18/99	23:45	A	OK	300	7.50	0.117	0.021	0.123	21220	2.130	115.9	2.6
4/18/99	23:50	B	OK	300	7.50	0.117	0.034	0.123	21845	2.222	105.4	1.5
4/18/99	23:55	A	OK	300	7.50	0.117	0.023	0.123	22495	2.258	102.8	1.3
4/19/99	0:00	B	OK	300	7.50	0.117	0.027	0.123	22193	2.257	107.1	1.2
4/19/99	0:05	A	OK	300	7.50	0.117	0.024	0.124	23919	2.401	109.0	0.8
4/19/99	0:10	B	OK	300	7.50	0.117	0.025	0.123	24256	2.467	109.0	0.9
4/19/99	0:15	A	OK	300	7.50	0.117	0.027	0.124	23782	2.388	108.9	1.0
4/19/99	0:20	B	OK	300	7.50	0.117	0.023	0.124	24096	2.451	108.3	0.5
4/19/99	0:25	A	OK	300	7.50	0.117	0.022	0.124	26444	2.655	108.3	0.4
4/19/99	0:30	B	OK	300	7.50	0.117	0.028	0.125	28793	2.929	133.1	1.1
4/19/99	0:35	A	OK	300	7.50	0.117	0.023	0.125	28362	2.848	183.0	0.9
4/19/99	0:40	B	OK	300	7.50	0.117	0.022	0.124	24094	2.451	207.5	0.7
4/19/99	0:45	A	OK	300	7.50	0.117	0.019	0.125	26853	2.696	207.5	0.4
4/19/99	0:50	B	OK	300	7.50	0.117	0.028	0.125	30003	3.052	207.4	0.6
4/19/99	0:55	A	OK	300	7.50	0.117	0.024	0.127	35435	3.558	201.7	1.3
4/19/99	1:00	B	OK	300	7.50	0.117	0.023	0.126	30892	3.142	81.4	1.3
4/19/99	1:05	A	OK	300	7.50	0.117	0.019	0.124	25312	2.541	81.4	1.0
4/19/99	1:10	B	OK	300	7.50	0.117	0.026	0.127	35420	3.603	81.4	1.0
4/19/99	1:15	A	OK	300	7.50	0.117	0.024	0.127	36454	3.660	81.4	0.9
4/19/99	1:20	B	OK	300	7.50	0.117	0.025	0.127	35059	3.566	81.4	0.3
4/19/99	1:25	A	OK	300	7.50	0.117	0.022	0.128	38213	3.837	81.4	0.3
4/19/99	1:30	B	OK	300	7.50	0.117	0.024	0.128	37938	3.859	81.4	0.6
4/19/99	1:35	A	OK	300	7.50	0.117	0.020	0.128	39163	3.932	81.4	0.6
4/19/99	1:40	B	OK	300	7.50	0.117	0.022	0.128	37773	3.842	81.4	0.3
4/19/99	1:45	A	OK	300	7.50	0.118	0.018	0.129	40734	4.090	81.4	0.8
4/19/99	1:50	B	OK	300	7.50	0.118	0.019	0.133	58658	5.966	81.4	0.9
4/19/99	1:55	A	OK	300	7.49	0.118	0.024	0.133	58792	5.905	79.3	1.2
4/19/99	2:00	B	OK	300	7.50	0.118	0.024	0.132	55008	5.595	47.9	1.1
4/19/99	2:05	A	OK	300	7.50	0.118	0.026	0.133	57966	5.820	47.9	0.7
4/19/99	2:10	B	OK	300	7.50	0.118	0.030	0.134	62206	6.327	47.9	0.5
4/19/99	2:15	A	OK	300	7.50	0.118	0.023	0.128	38954	3.911	47.9	0.6
4/19/99	2:20	B	OK	300	7.50	0.118	0.037	0.127	36545	3.717	47.9	0.9
4/19/99	2:25	A	OK	300	7.50	0.118	0.026	0.129	39124	3.928	47.9	0.8

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/19/99	2:30	B	OK	300	7.50	0.118	0.029	0.129	42588	4.332	47.9	0.5
4/19/99	2:35	A	OK	300	7.50	0.118	0.024	0.130	46019	4.620	47.9	0.3
4/19/99	2:40	B	OK	300	7.50	0.118	0.019	0.130	46208	4.700	47.9	0.5
4/19/99	2:45	A	OK	300	7.50	0.118	0.028	0.131	49920	5.012	47.9	0.6
4/19/99	2:50	B	OK	300	7.50	0.118	0.022	0.131	47706	4.853	47.8	0.4
4/19/99	2:55	A	OK	300	7.50	0.118	0.032	0.132	49755	4.995	47.8	0.3
4/19/99	3:00	B	OK	300	7.50	0.118	0.022	0.131	49938	5.080	47.8	0.5
4/19/99	3:05	A	OK	300	7.50	0.118	0.020	0.130	44108	4.428	47.8	0.4
4/19/99	3:10	B	OK	300	7.50	0.118	0.026	0.131	46818	4.762	47.8	0.3
4/19/99	3:15	A	OK	300	7.50	0.118	0.030	0.131	47403	4.759	47.8	0.4
4/19/99	3:20	B	OK	300	7.50	0.118	0.020	0.130	46276	4.707	47.8	0.4
4/19/99	3:25	A	OK	300	7.50	0.118	0.021	0.130	44239	4.441	47.8	0.5
4/19/99	3:30	B	OK	300	7.50	0.118	0.023	0.129	41885	4.260	47.8	0.7
4/19/99	3:35	A	OK	300	7.50	0.118	0.023	0.130	43793	4.397	47.8	0.9
4/19/99	3:40	B	OK	300	7.50	0.118	0.019	0.128	37938	3.859	47.8	0.9
4/19/99	3:45	A	OK	300	7.50	0.118	0.020	0.128	35675	3.582	47.8	0.6
4/19/99	3:50	B	OK	300	7.50	0.118	0.026	0.128	38632	3.930	47.8	0.6
4/19/99	3:55	A	OK	300	7.50	0.118	0.022	0.128	35476	3.562	47.9	0.7
4/19/99	4:00	B	OK	300	7.50	0.118	0.029	0.127	33433	3.401	43.1	1.2
4/19/99	4:05	A	OK	300	7.50	0.118	0.021	0.128	37155	3.730	17.9	1.6
4/19/99	4:10	B	OK	300	7.50	0.118	0.020	0.126	29824	3.034	3.2	2.1
4/19/99	4:15	A	OK	300	7.50	0.118	0.025	0.126	30110	3.023	19.3	2.2
4/19/99	4:20	B	OK	300	7.50	0.118	0.022	0.126	29245	2.975	35.3	1.2
4/19/99	4:25	A	OK	300	7.49	0.118	0.030	0.126	27544	2.766	29.9	2.5
4/19/99	4:30	B	OK	300	7.50	0.118	0.025	0.127	30280	3.080	136.8	1.2
4/19/99	4:35	A	OK	300	7.50	0.118	0.023	0.127	31317	3.144	103.6	1.2
4/19/99	4:40	B	OK	300	7.50	0.118	0.025	0.127	33102	3.367	74.7	1.9
4/19/99	4:45	A	OK	300	7.50	0.118	0.021	0.127	32086	3.221	46.3	2.4
4/19/99	4:50	B	OK	300	7.50	0.118	0.020	0.126	28701	2.919	42.9	1.5
4/19/99	4:55	A	OK	300	7.50	0.118	0.025	0.126	29029	2.914	51.3	1.6
4/19/99	5:00	B	OK	300	7.50	0.118	0.023	0.126	29818	3.033	53.5	1.9
4/19/99	5:05	A	OK	300	7.50	0.118	0.025	0.127	32598	3.273	79.5	1.8
4/19/99	5:10	B	OK	300	7.50	0.118	0.028	0.127	31813	3.236	86.0	1.6
4/19/99	5:15	A	OK	300	7.50	0.118	0.022	0.126	27985	2.810	28.0	1.6
4/19/99	5:20	B	OK	300	7.50	0.118	0.025	0.125	25790	2.623	50.1	1.9
4/19/99	5:25	A	OK	300	7.50	0.118	0.033	0.126	29265	2.938	87.7	1.4
4/19/99	5:30	B	OK	300	7.50	0.118	0.024	0.126	29576	3.008	63.7	1.3
4/19/99	5:35	A	OK	300	7.50	0.118	0.020	0.126	27331	2.744	56.5	1.3
4/19/99	5:40	B	OK	300	7.50	0.118	0.029	0.126	27433	2.790	57.7	1.3
4/19/99	5:45	A	OK	300	7.50	0.118	0.023	0.126	28456	2.857	56.2	1.2
4/19/99	5:50	B	OK	300	7.50	0.118	0.022	0.126	28241	2.873	11.2	1.6
4/19/99	5:55	A	OK	300	7.50	0.118	0.022	0.126	26389	2.649	10.8	1.6
4/19/99	6:00	B	OK	300	7.50	0.118	0.023	0.126	26407	2.686	344.0	2.7
4/19/99	6:05	A	OK	300	7.50	0.118	0.023	0.125	24920	2.502	327.7	2.4
4/19/99	6:10	B	OK	300	7.50	0.118	0.025	0.126	28995	2.949	326.5	1.8
4/19/99	6:15	A	OK	300	7.50	0.118	0.024	0.127	31326	3.145	320.3	2.1
4/19/99	6:20	B	OK	300	7.50	0.118	0.024	0.126	29392	2.990	317.3	1.7
4/19/99	6:25	A	OK	300	7.50	0.118	0.022	0.128	34005	3.414	317.3	0.5
4/19/99	6:30	B	OK	300	7.50	0.118	0.029	0.127	32390	3.295	317.2	0.8
4/19/99	6:35	A	OK	300	7.50	0.118	0.027	0.127	30119	3.024	317.3	0.6
4/19/99	6:40	B	OK	300	7.50	0.118	0.024	0.127	31086	3.162	317.3	0.9
4/19/99	6:45	A	OK	300	7.50	0.118	0.022	0.129	38005	3.816	317.3	1.1
4/19/99	6:50	B	OK	300	7.50	0.118	0.027	0.137	68098	6.927	317.2	0.8
4/19/99	6:55	A	OK	300	7.50	0.118	0.022	0.132	50362	5.056	317.3	0.8

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/19/99	7:00	B	OK	300	7.50	0.118	0.025	0.128	35513	3.612	290.3	2.7
4/19/99	7:05	A	OK	300	7.50	0.118	0.021	0.130	41293	4.146	131.1	2.6
4/19/99	7:10	B	OK	300	7.50	0.118	0.026	0.130	43625	4.439	43.6	1.7
4/19/99	7:15	A	OK	300	7.50	0.118	0.023	0.131	47918	4.811	0.5	3.2
4/19/99	7:20	B	OK	300	7.50	0.118	0.027	0.131	47463	4.828	6.1	2.2
4/19/99	7:25	A	OK	300	7.50	0.118	0.022	0.134	56163	5.639	3.2	0.5
4/19/99	7:30	B	OK	300	7.50	0.118	0.023	0.134	58471	5.948	3.2	0.6
4/19/99	7:35	A	OK	300	7.50	0.118	0.020	0.141	82920	8.325	3.2	0.3
4/19/99	7:40	B	OK	300	7.50	0.118	0.024	0.139	77334	7.866	3.2	0.4
4/19/99	7:45	A	OK	300	7.50	0.118	0.024	0.148	108334	10.876	3.2	0.3
4/19/99	7:50	B	OK	300	7.50	0.118	0.029	0.152	128778	13.099	3.2	0.3
4/19/99	7:55	A	OK	300	7.50	0.118	0.021	0.157	145446	14.602	3.2	0.4
4/19/99	8:00	B	OK	300	7.50	0.118	0.025	0.157	148746	15.130	3.2	0.4
4/19/99	8:05	A	OK	300	7.50	0.118	0.028	0.149	113823	11.427	3.2	0.6
4/19/99	8:10	B	OK	300	7.50	0.118	0.021	0.144	96753	9.841	3.2	0.5
4/19/99	8:15	A	OK	300	7.50	0.118	0.023	0.141	84910	8.525	3.2	0.9
4/19/99	8:20	B	OK	300	7.50	0.118	0.028	0.137	71891	7.312	17.5	1.6
4/19/99	8:25	A	OK	300	7.50	0.118	0.024	0.135	60879	6.112	57.0	2.1
4/19/99	8:30	B	OK	300	7.50	0.118	0.022	0.135	63291	6.438	352.9	4.8
4/19/99	8:35	A	OK	300	7.50	0.118	0.018	0.137	69576	6.985	14.7	3.8
4/19/99	8:40	B	OK	300	7.50	0.118	0.019	0.136	66900	6.805	356.6	6.2
4/19/99	8:45	A	OK	300	7.50	0.118	0.021	0.135	64852	6.511	349.6	5.8
4/19/99	8:50	B	OK	300	7.50	0.118	0.018	0.135	66714	6.785	350.3	5.0
4/19/99	8:55	A	OK	300	7.50	0.118	0.022	0.135	64466	6.472	347.9	4.7
4/19/99	9:00	B	OK	300	7.50	0.118	0.021	0.135	62939	6.402	350.3	4.2
4/19/99	9:05	A	OK	300	7.50	0.118	0.019	0.134	61947	6.219	1.9	3.3
4/19/99	9:10	B	OK	300	7.50	0.118	0.019	0.133	55707	5.666	46.6	3.8
4/19/99	9:15	A	OK	300	7.50	0.117	0.019	0.132	55802	5.602	38.9	3.0
4/19/99	9:20	B	OK	300	7.50	0.117	0.023	0.132	55645	5.660	18.5	3.0
4/19/99	9:25	A	OK	300	7.50	0.117	0.018	0.133	59233	5.947	1.6	3.8
4/19/99	9:30	B	OK	300	7.50	0.117	0.019	0.132	57951	5.894	56.2	3.3
4/19/99	9:35	A	OK	300	7.49	0.117	0.023	0.133	57718	5.797	358.8	4.2
4/19/99	9:40	B	OK	300	7.50	0.117	0.021	0.133	59376	6.039	352.3	3.0
4/19/99	9:45	A	OK	300	7.50	0.117	0.023	0.133	59487	5.972	18.7	3.1
4/19/99	9:50	B	OK	300	7.50	0.117	0.028	0.132	59444	6.046	345.3	3.1
4/19/99	9:55	A	OK	300	7.50	0.117	0.020	0.132	57505	5.773	350.8	4.8
4/19/99	10:00	B	OK	300	7.50	0.117	0.024	0.131	53381	5.429	354.0	5.1
4/19/99	10:05	A	OK	300	7.50	0.117	0.025	0.132	56670	5.689	353.9	4.2
4/19/99	10:45	A	OK	300	7.47	0.116	0.026	0.152	132465	13.582	306.7	5.0
4/19/99	10:50	B	OK	300	7.50	0.116	0.022	0.133	60793	6.321	328.9	4.0
4/19/99	10:55	A	OK	300	7.50	0.116	0.019	0.133	62415	6.381	19.5	5.1
4/19/99	11:00	B	OK	300	7.50	0.116	0.022	0.132	59027	6.137	342.7	4.7
4/19/99	11:05	A	OK	300	7.50	0.116	0.019	0.132	57362	5.864	273.7	3.4
4/19/99	11:10	B	OK	300	7.50	0.116	0.020	0.131	57411	5.969	317.7	6.3
4/19/99	11:15	A	OK	300	7.50	0.116	0.024	0.131	56290	5.755	289.1	5.8
4/19/99	11:20	B	OK	300	7.50	0.116	0.018	0.131	57812	6.011	309.6	5.9
4/19/99	11:25	A	OK	300	7.49	0.116	0.023	0.131	55629	5.689	257.5	3.8
4/19/99	11:30	B	OK	300	7.50	0.116	0.021	0.131	56695	5.895	30.6	3.1
4/19/99	11:35	A	OK	300	7.50	0.116	0.021	0.131	55696	5.694	312.3	5.8
4/19/99	11:40	B	OK	300	7.50	0.116	0.023	0.130	53296	5.541	315.2	6.7
4/19/99	11:45	A	OK	300	7.50	0.116	0.022	0.131	55591	5.683	344.7	5.4
4/19/99	11:50	B	OK	300	7.50	0.116	0.019	0.130	54274	5.643	343.0	3.4
4/19/99	11:55	A	OK	300	7.50	0.116	0.024	0.131	55176	5.641	228.3	3.8
4/19/99	12:00	B	OK	300	7.50	0.116	0.021	0.131	56023	5.825	219.9	5.6

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/19/99	12:05	A	OK	300	7.50	0.116	0.021	0.131	55180	5.641	343.6	4.9
4/19/99	12:10	B	OK	300	7.50	0.116	0.018	0.131	55753	5.797	310.5	3.9
4/19/99	12:15	A	OK	300	7.50	0.116	0.021	0.131	57565	5.885	343.2	3.8
4/19/99	12:20	B	OK	300	7.50	0.116	0.029	0.130	55650	5.786	256.6	5.2
4/19/99	12:25	A	OK	300	7.50	0.116	0.025	0.130	55464	5.670	276.6	5.9
4/19/99	12:30	B	OK	300	7.50	0.116	0.015	0.130	53854	5.599	285.8	4.8
4/19/99	12:35	A	OK	300	7.50	0.116	0.023	0.130	55882	5.713	257.6	5.4
4/19/99	12:40	B	OK	300	7.50	0.116	0.021	0.130	54799	5.698	276.9	5.2
4/19/99	12:45	A	OK	300	7.50	0.116	0.023	0.130	55598	5.684	266.0	5.0
4/19/99	12:50	B	OK	300	7.50	0.116	0.021	0.132	64271	6.682	291.6	5.6
4/19/99	12:55	A	OK	300	7.50	0.116	0.020	0.131	59521	6.085	331.6	6.4
4/19/99	13:00	B	OK	300	7.50	0.116	0.019	0.130	55334	5.753	279.6	3.6
4/19/99	13:05	A	OK	300	7.50	0.116	0.021	0.129	51077	5.222	226.0	5.6
4/19/99	13:10	B	OK	300	7.50	0.116	0.019	0.129	52805	5.490	248.5	4.4
4/19/99	13:15	A	OK	300	7.50	0.116	0.019	0.130	52700	5.387	230.5	5.2
4/19/99	13:20	B	OK	300	7.50	0.116	0.024	0.129	53127	5.526	218.2	6.7
4/19/99	13:25	A	OK	300	7.50	0.115	0.021	0.129	50279	5.140	218.0	7.3
4/19/99	13:30	B	OK	300	7.50	0.115	0.019	0.127	45108	4.690	260.1	5.9
4/19/99	13:35	A	OK	300	7.50	0.115	0.024	0.130	56242	5.750	303.6	7.0
4/19/99	13:40	B	OK	300	7.50	0.115	0.018	0.130	55865	5.809	303.4	6.3
4/19/99	13:45	A	OK	300	7.50	0.115	0.023	0.129	49607	5.071	301.2	4.8
4/19/99	13:50	B	OK	300	7.50	0.115	0.025	0.129	52799	5.490	312.1	3.4
4/19/99	13:55	A	OK	300	7.50	0.116	0.019	0.129	52229	5.339	48.4	4.8
4/19/99	14:00	B	OK	300	7.50	0.115	0.023	0.129	51318	5.336	307.0	4.9
4/19/99	14:05	A	OK	300	7.50	0.115	0.024	0.130	53552	5.475	272.3	5.7
4/19/99	14:10	B	OK	300	7.50	0.115	0.025	0.130	54869	5.705	286.4	6.6
4/19/99	14:15	A	OK	300	7.50	0.115	0.020	0.129	50813	5.195	268.0	2.9
4/19/99	14:20	B	OK	300	7.50	0.115	0.022	0.130	56533	5.878	246.8	3.5
4/19/99	14:25	A	OK	300	7.50	0.115	0.022	0.130	55680	5.692	314.8	6.0
4/19/99	14:30	B	OK	300	7.50	0.115	0.027	0.129	53058	5.517	289.7	7.7
4/19/99	14:35	A	OK	300	7.50	0.115	0.027	0.130	54632	5.585	306.5	7.6
4/19/99	14:40	B	OK	300	7.50	0.115	0.022	0.127	46209	4.805	233.0	4.4
4/19/99	14:45	A	OK	300	7.50	0.115	0.020	0.131	60197	6.154	315.4	6.1
4/19/99	14:50	B	OK	300	7.50	0.115	0.018	0.129	51175	5.321	342.5	6.8
4/19/99	14:55	A	OK	300	7.50	0.115	0.021	0.129	50824	5.196	314.4	8.1
4/19/99	15:00	B	OK	300	7.50	0.115	0.019	0.127	46157	4.799	274.8	5.8
4/19/99	15:05	A	OK	300	7.50	0.115	0.024	0.128	46921	4.797	223.1	5.5
4/19/99	15:10	B	OK	300	7.50	0.115	0.021	0.128	49890	5.187	221.0	7.9
4/19/99	15:15	A	OK	300	7.49	0.115	0.020	0.129	50577	5.172	223.7	6.0
4/19/99	15:20	B	OK	300	7.50	0.115	0.025	0.128	49601	5.157	232.2	6.5
4/19/99	15:25	A	OK	300	7.50	0.115	0.028	0.129	53465	5.466	282.3	6.1
4/19/99	15:30	B	OK	300	7.50	0.115	0.022	0.129	52654	5.475	291.1	6.4
4/19/99	15:35	A	OK	300	7.50	0.115	0.028	0.132	63367	6.478	302.2	6.5
4/19/99	15:40	B	OK	300	7.50	0.115	0.022	0.127	47357	4.924	323.0	5.1
4/19/99	15:45	A	OK	300	7.50	0.115	0.023	0.126	41915	4.285	351.4	5.7
4/19/99	15:50	B	OK	300	7.50	0.115	0.025	0.127	46110	4.794	318.6	2.5
4/19/99	15:55	A	OK	300	7.50	0.115	0.022	0.128	48109	4.918	340.6	4.7
4/19/99	16:00	B	OK	300	7.50	0.115	0.019	0.127	47303	4.918	201.2	3.1
4/19/99	16:05	A	OK	300	7.50	0.115	0.023	0.128	49316	5.042	301.6	6.1
4/19/99	16:10	B	OK	300	7.50	0.115	0.020	0.134	71957	7.482	281.5	4.8
4/19/99	16:15	A	OK	300	7.50	0.115	0.022	0.133	68987	7.053	302.5	6.5
4/19/99	16:20	B	OK	300	7.50	0.115	0.018	0.158	170096	17.685	305.2	7.8
4/19/99	16:25	A	OK	300	7.50	0.115	0.020	0.131	62692	6.409	263.0	6.2
4/19/99	16:30	B	OK	300	7.50	0.115	0.022	0.126	42931	4.464	274.3	5.2

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/19/99	16:35	A	OK	300	7.50	0.115	0.023	0.127	45312	4.632	236.6	4.9
4/19/99	16:40	B	OK	300	7.50	0.115	0.025	0.127	44167	4.592	282.6	4.4
4/19/99	16:45	A	OK	300	7.50	0.115	0.024	0.127	44387	4.538	241.0	6.6
4/19/99	16:50	B	OK	300	7.50	0.115	0.021	0.126	43779	4.552	241.5	5.8
4/19/99	16:55	A	OK	300	7.50	0.115	0.021	0.127	42942	4.390	224.3	7.1
4/19/99	17:00	B	OK	300	7.50	0.115	0.023	0.126	41898	4.356	236.4	5.2
4/19/99	17:05	A	OK	300	7.49	0.115	0.017	0.126	42567	4.353	220.1	6.7
4/19/99	17:10	B	OK	300	7.50	0.115	0.027	0.126	40392	4.200	278.6	2.9
4/19/99	17:15	A	OK	300	7.50	0.115	0.025	0.126	40654	4.156	268.8	5.4
4/19/99	17:20	B	OK	300	7.50	0.115	0.024	0.126	39054	4.060	263.1	4.4
4/19/99	17:25	A	OK	300	7.50	0.115	0.022	0.126	39591	4.047	257.4	4.0
4/19/99	17:30	B	OK	300	7.50	0.115	0.019	0.125	37218	3.870	213.0	6.7
4/19/99	17:35	A	OK	300	7.50	0.115	0.022	0.125	38371	3.923	283.6	4.4
4/19/99	17:40	B	OK	300	7.50	0.115	0.027	0.125	36203	3.764	288.9	6.5
4/19/99	17:45	A	OK	300	7.50	0.115	0.019	0.125	35559	3.635	259.3	3.4
4/19/99	17:50	B	OK	300	7.50	0.115	0.020	0.124	31643	3.290	227.0	4.4
4/19/99	17:55	A	OK	300	7.50	0.115	0.024	0.124	32644	3.337	216.2	5.3
4/19/99	18:00	B	OK	300	7.50	0.115	0.019	0.124	32407	3.369	227.9	6.9
4/19/99	18:05	A	OK	300	7.50	0.115	0.020	0.124	32287	3.301	235.3	4.9
4/19/99	18:10	B	OK	300	7.50	0.115	0.020	0.124	31896	3.316	267.0	2.4
4/19/99	18:15	A	OK	300	7.50	0.115	0.025	0.124	31472	3.217	195.9	4.8
4/19/99	18:20	B	OK	300	7.50	0.115	0.024	0.123	29904	3.109	224.2	5.0
4/19/99	18:25	A	OK	300	7.50	0.115	0.029	0.123	29521	3.018	215.0	6.4
4/19/99	18:30	B	OK	300	7.50	0.115	0.022	0.123	28569	2.970	249.9	3.9
4/19/99	18:35	A	OK	300	7.50	0.115	0.024	0.123	28144	2.877	219.1	6.1
4/19/99	18:40	B	OK	300	7.50	0.115	0.025	0.123	27753	2.886	224.2	6.2
4/19/99	18:45	A	OK	300	7.50	0.115	0.020	0.123	26980	2.758	222.8	5.9
4/19/99	18:50	B	OK	300	7.50	0.115	0.026	0.122	26079	2.711	206.1	6.0
4/19/99	18:55	A	OK	300	7.50	0.115	0.027	0.122	26270	2.686	210.4	4.8
4/19/99	19:00	B	OK	300	7.50	0.116	0.033	0.122	24639	2.563	215.9	5.9
4/19/99	19:05	A	OK	300	7.50	0.116	0.025	0.122	23928	2.446	233.8	4.8
4/19/99	19:10	B	OK	300	7.50	0.116	0.023	0.122	23901	2.485	230.0	4.5
4/19/99	19:15	A	OK	300	7.50	0.116	0.023	0.122	22666	2.317	241.2	3.9
4/19/99	19:20	B	OK	300	7.50	0.116	0.029	0.122	23221	2.414	223.4	4.1
4/19/99	19:25	A	OK	300	7.50	0.116	0.022	0.122	22657	2.316	217.1	2.6
4/19/99	19:30	B	OK	300	7.50	0.116	0.023	0.122	22271	2.316	210.7	3.3
4/19/99	19:35	A	OK	300	7.50	0.116	0.023	0.122	22463	2.296	206.1	4.3
4/19/99	19:40	B	OK	300	7.50	0.116	0.025	0.122	21615	2.247	208.3	4.2
4/19/99	19:45	A	OK	300	7.50	0.116	0.026	0.122	21840	2.233	211.6	3.1
4/19/99	19:50	B	OK	300	7.50	0.116	0.021	0.122	21675	2.254	208.5	3.3
4/19/99	19:55	A	OK	300	7.50	0.116	0.029	0.122	21806	2.229	209.5	3.1
4/19/99	20:00	B	OK	300	7.50	0.116	0.024	0.122	20775	2.160	214.1	3.5
4/19/99	20:05	A	OK	300	7.50	0.116	0.020	0.122	21333	2.181	209.6	3.2
4/19/99	20:10	B	OK	300	7.50	0.116	0.023	0.122	20904	2.173	212.1	2.9
4/19/99	20:15	A	OK	300	7.50	0.116	0.036	0.122	20386	2.084	206.4	2.7
4/19/99	20:20	B	OK	300	7.50	0.116	0.027	0.122	19481	2.026	214.0	2.9
4/19/99	20:25	A	OK	300	7.50	0.116	0.022	0.122	20760	2.122	196.6	3.0
4/19/99	20:30	B	OK	300	7.50	0.116	0.020	0.122	20214	2.102	204.7	3.6
4/19/99	20:35	A	OK	300	7.50	0.116	0.021	0.122	20668	2.113	207.8	3.3
4/19/99	20:40	B	OK	300	7.50	0.116	0.023	0.122	21022	2.186	197.5	4.0
4/19/99	20:45	A	OK	300	7.50	0.116	0.023	0.122	20736	2.120	206.9	4.9
4/19/99	20:50	B	OK	300	7.50	0.116	0.022	0.122	20809	2.164	203.0	4.1
4/19/99	20:55	A	OK	300	7.49	0.116	0.022	0.122	19773	2.022	203.9	4.6
4/19/99	21:00	B	OK	300	7.50	0.116	0.021	0.122	20538	2.135	200.7	4.6

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/19/99	21:05	A	OK	300	7.50	0.116	0.026	0.122	20573	2.103	195.5	4.5
4/19/99	21:10	B	OK	300	7.50	0.116	0.023	0.122	19862	2.065	191.9	4.5
4/19/99	21:15	A	OK	300	7.50	0.116	0.021	0.122	20431	2.089	198.5	4.3
4/19/99	21:20	B	OK	300	7.50	0.116	0.021	0.122	20223	2.103	201.9	4.8
4/19/99	21:25	A	OK	300	7.50	0.116	0.022	0.122	20782	2.125	200.1	4.9
4/19/99	21:30	B	OK	300	7.50	0.116	0.021	0.122	19982	2.078	203.5	4.5
4/19/99	21:35	A	OK	300	7.50	0.116	0.023	0.122	20201	2.065	195.2	4.2
4/19/99	21:40	B	OK	300	7.50	0.116	0.032	0.122	20418	2.123	196.4	4.6
4/19/99	21:45	A	OK	300	7.50	0.116	0.021	0.122	20185	2.064	196.3	4.6
4/19/99	21:50	B	OK	300	7.50	0.116	0.027	0.122	20139	2.094	196.2	4.2
4/19/99	21:55	A	OK	300	7.50	0.116	0.021	0.122	20481	2.094	192.0	4.5
4/19/99	22:00	B	OK	300	7.50	0.116	0.020	0.122	20624	2.144	185.8	3.8
4/19/99	22:05	A	OK	300	7.50	0.116	0.018	0.122	20913	2.138	190.4	3.4
4/19/99	22:10	B	OK	300	7.50	0.116	0.023	0.122	20508	2.132	187.6	3.7
4/19/99	22:15	A	OK	300	7.50	0.116	0.030	0.122	20855	2.132	188.8	3.9
4/19/99	22:20	B	OK	300	7.50	0.116	0.021	0.122	20205	2.101	191.1	3.8
4/19/99	22:25	A	OK	300	7.50	0.117	0.021	0.122	20505	2.096	191.2	4.3
4/19/99	22:30	B	OK	300	7.50	0.117	0.024	0.122	20527	2.134	193.6	4.2
4/19/99	22:35	A	OK	300	7.50	0.117	0.024	0.122	21137	2.161	195.5	4.9
4/19/99	22:40	B	OK	300	7.50	0.117	0.020	0.122	20299	2.111	197.6	4.9
4/19/99	22:45	A	OK	300	7.50	0.117	0.023	0.122	20966	2.143	199.1	5.0
4/19/99	22:50	B	OK	300	7.50	0.117	0.025	0.122	20609	2.143	195.1	5.2
4/19/99	22:55	A	OK	300	7.49	0.117	0.021	0.122	21436	2.192	198.7	4.4
4/19/99	23:00	B	OK	300	7.50	0.117	0.023	0.122	20528	2.134	196.4	5.0
4/19/99	23:05	A	OK	300	7.50	0.117	0.024	0.122	20992	2.146	200.5	5.2
4/19/99	23:10	B	OK	300	7.50	0.117	0.021	0.122	20551	2.137	200.8	4.9
4/19/99	23:15	A	OK	300	7.50	0.117	0.024	0.123	20807	2.127	202.6	5.4
4/19/99	23:20	B	OK	300	7.50	0.117	0.026	0.122	20926	2.176	197.2	5.2
4/19/99	23:25	A	OK	300	7.50	0.117	0.021	0.123	21107	2.158	192.1	5.6
4/19/99	23:30	B	OK	300	7.50	0.117	0.026	0.122	20965	2.180	200.1	5.8
4/19/99	23:35	A	OK	300	7.50	0.117	0.018	0.123	20555	2.101	196.7	6.7
4/19/99	23:40	B	OK	300	7.50	0.117	0.021	0.122	21094	2.193	198.5	7.4
4/19/99	23:45	A	OK	300	7.50	0.117	0.024	0.123	21271	2.175	205.2	6.0
4/19/99	23:50	B	OK	300	7.50	0.117	0.020	0.122	19974	2.077	205.7	6.5
4/19/99	23:55	A	OK	300	7.50	0.117	0.025	0.123	20982	2.145	205.0	7.1
4/20/99	0:00	B	OK	300	7.50	0.117	0.027	0.122	20496	2.131	203.3	6.7
4/20/99	0:05	A	OK	300	7.50	0.117	0.022	0.123	20929	2.140	205.0	6.3
4/20/99	0:10	B	OK	300	7.50	0.117	0.020	0.122	20840	2.167	208.7	6.7
4/20/99	0:15	A	OK	300	7.50	0.117	0.022	0.123	20905	2.137	206.9	6.6
4/20/99	0:20	B	OK	300	7.50	0.117	0.021	0.122	21433	2.228	206.8	7.3
4/20/99	0:25	A	OK	300	7.50	0.117	0.031	0.123	21454	2.193	209.4	7.8
4/20/99	0:30	B	OK	300	7.50	0.117	0.022	0.122	20522	2.134	200.6	7.2
4/20/99	0:35	A	OK	300	7.50	0.117	0.024	0.122	21673	2.216	210.4	7.4
4/20/99	0:40	B	OK	300	7.50	0.117	0.019	0.122	20561	2.138	208.5	7.8
4/20/99	0:45	A	OK	300	7.50	0.117	0.019	0.122	20977	2.144	212.9	7.3
4/20/99	0:50	B	OK	300	7.50	0.117	0.024	0.122	20660	2.148	210.3	7.2
4/20/99	0:55	A	OK	300	7.50	0.117	0.023	0.123	20669	2.113	206.0	7.9
4/20/99	1:00	B	OK	300	7.50	0.117	0.022	0.122	20419	2.124	206.6	8.1
4/20/99	1:05	A	OK	300	7.50	0.117	0.024	0.123	20600	2.106	208.0	7.9
4/20/99	1:10	B	OK	300	7.50	0.117	0.024	0.122	19939	2.073	208.8	9.1
4/20/99	1:15	A	OK	300	7.50	0.117	0.024	0.122	21174	2.165	212.5	8.0
4/20/99	1:20	B	OK	300	7.50	0.117	0.025	0.122	20214	2.102	214.4	8.3
4/20/99	1:25	A	OK	300	7.50	0.117	0.022	0.122	21444	2.192	219.3	9.1
4/20/99	1:30	B	OK	300	7.50	0.117	0.025	0.122	19733	2.052	213.3	8.6

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/20/99	1:35	A	OK	300	7.50	0.117	0.020	0.123	21472	2.195	213.8	8.7
4/20/99	1:40	B	OK	300	7.50	0.117	0.020	0.122	20488	2.130	210.5	9.4
4/20/99	1:45	A	OK	300	7.50	0.117	0.021	0.123	21140	2.161	208.0	9.0
4/20/99	1:50	B	OK	300	7.50	0.117	0.023	0.122	20795	2.162	214.2	8.2
4/20/99	1:55	A	OK	300	7.50	0.117	0.019	0.123	21341	2.182	208.7	8.8
4/20/99	2:00	B	OK	300	7.50	0.117	0.024	0.122	21183	2.202	210.0	7.2
4/20/99	2:05	A	OK	300	7.50	0.117	0.024	0.123	21417	2.189	210.6	9.2
4/20/99	2:10	B	OK	300	7.50	0.117	0.030	0.122	21297	2.214	209.6	9.0
4/20/99	2:15	A	OK	300	7.50	0.117	0.020	0.123	21689	2.217	217.4	8.6
4/20/99	2:20	B	OK	300	7.50	0.117	0.032	0.122	22195	2.308	216.1	8.4
4/20/99	2:25	A	OK	300	7.50	0.117	0.032	0.123	22321	2.282	211.3	9.5
4/20/99	2:30	B	OK	300	7.50	0.117	0.023	0.122	21845	2.271	209.8	9.8
4/20/99	2:35	A	OK	300	7.50	0.117	0.021	0.123	21787	2.227	214.0	10.5
4/20/99	2:40	B	OK	300	7.50	0.117	0.021	0.122	21826	2.269	215.8	9.8
4/20/99	2:45	A	OK	300	7.50	0.117	0.024	0.123	22218	2.271	219.0	8.6
4/20/99	2:50	B	OK	300	7.50	0.117	0.021	0.123	21662	2.252	217.1	9.5
4/20/99	2:55	A	OK	300	7.50	0.117	0.029	0.123	22643	2.315	217.5	8.7
4/20/99	3:00	B	OK	300	7.50	0.117	0.020	0.123	22404	2.329	218.4	7.9
4/20/99	3:05	A	OK	300	7.49	0.117	0.020	0.123	22988	2.351	216.4	10.0
4/20/99	3:10	B	OK	300	7.50	0.116	0.024	0.123	22789	2.369	230.4	8.1
4/20/99	3:15	A	OK	300	7.50	0.117	0.023	0.123	22866	2.338	223.9	6.4
4/20/99	3:20	B	OK	300	7.50	0.116	0.025	0.123	23181	2.410	231.8	5.9
4/20/99	3:25	A	OK	300	7.50	0.117	0.025	0.123	23686	2.421	231.3	5.7
4/20/99	3:30	B	OK	300	7.50	0.116	0.020	0.123	22775	2.368	229.4	6.4
4/20/99	3:35	A	OK	300	7.50	0.116	0.021	0.123	22712	2.322	230.9	7.5
4/20/99	3:40	B	OK	300	7.50	0.116	0.021	0.123	22604	2.350	229.1	7.8
4/20/99	3:45	A	OK	300	7.50	0.116	0.022	0.123	22873	2.338	226.1	5.3
4/20/99	3:50	B	OK	300	7.50	0.116	0.026	0.123	23432	2.436	230.8	6.0
4/20/99	3:55	A	OK	300	7.50	0.116	0.025	0.123	22826	2.333	224.7	6.4
4/20/99	4:00	B	OK	300	7.50	0.116	0.023	0.123	22597	2.349	236.9	7.3
4/20/99	4:05	A	OK	300	7.50	0.117	0.023	0.123	22833	2.334	247.0	5.2
4/20/99	4:10	B	OK	300	7.50	0.116	0.022	0.123	22170	2.305	228.1	5.4
4/20/99	4:15	A	OK	300	7.50	0.117	0.023	0.123	22871	2.338	245.0	4.7
4/20/99	4:20	B	OK	300	7.50	0.116	0.026	0.123	22450	2.334	222.3	5.5
4/20/99	4:25	A	OK	300	7.50	0.116	0.023	0.123	22476	2.298	220.6	6.3
4/20/99	4:30	B	OK	300	7.50	0.116	0.021	0.123	22074	2.295	223.1	4.9
4/20/99	4:35	A	OK	300	7.50	0.116	0.020	0.123	23641	2.417	222.7	5.2
4/20/99	4:40	B	OK	300	7.50	0.116	0.026	0.123	23044	2.396	231.4	6.0
4/20/99	4:45	A	OK	300	7.50	0.116	0.029	0.123	23584	2.411	226.4	7.1
4/20/99	4:50	B	OK	300	7.50	0.116	0.022	0.123	22242	2.313	235.9	4.7
4/20/99	4:55	A	OK	300	7.50	0.116	0.026	0.123	24251	2.479	221.7	3.3
4/20/99	5:00	B	OK	300	7.50	0.116	0.030	0.123	23427	2.436	237.3	4.0
4/20/99	5:05	A	OK	300	7.49	0.116	0.020	0.123	23168	2.369	237.4	4.4
4/20/99	5:10	B	OK	300	7.50	0.116	0.020	0.123	23414	2.434	228.0	5.1
4/20/99	5:15	A	OK	300	7.50	0.116	0.017	0.123	23699	2.423	222.2	5.3
4/20/99	5:20	B	OK	300	7.50	0.116	0.023	0.123	22692	2.359	232.8	5.0
4/20/99	5:25	A	OK	300	7.50	0.116	0.022	0.123	23359	2.388	229.5	5.4
4/20/99	5:30	B	OK	300	7.50	0.116	0.019	0.123	23152	2.407	224.4	5.9
4/20/99	5:35	A	OK	300	7.50	0.116	0.026	0.123	23160	2.368	220.7	6.6
4/20/99	5:40	B	OK	300	7.50	0.116	0.020	0.123	22765	2.367	223.4	7.3
4/20/99	5:45	A	OK	300	7.50	0.116	0.021	0.123	23593	2.412	219.6	5.4
4/20/99	5:50	B	OK	300	7.50	0.116	0.019	0.123	22801	2.371	228.8	4.7
4/20/99	5:55	A	OK	300	7.50	0.116	0.022	0.123	23258	2.378	224.5	4.0
4/20/99	6:00	B	OK	300	7.50	0.116	0.020	0.123	22920	2.383	237.3	3.6

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/20/99	6:05	A	OK	300	7.50	0.116	0.019	0.123	23727	2.426	237.2	4.0
4/20/99	6:10	B	OK	300	7.50	0.116	0.021	0.123	22967	2.388	246.0	4.2
4/20/99	6:15	A	OK	300	7.50	0.116	0.020	0.123	23700	2.423	225.1	3.9
4/20/99	6:20	B	OK	300	7.50	0.116	0.024	0.123	23465	2.440	231.5	4.9
4/20/99	6:25	A	OK	300	7.50	0.116	0.022	0.123	23556	2.408	238.6	4.8
4/20/99	6:30	B	OK	300	7.50	0.116	0.015	0.123	25040	2.603	242.5	4.7
4/20/99	6:35	A	OK	300	7.50	0.116	0.031	0.124	29094	2.974	244.6	3.2
4/20/99	6:40	B	OK	300	7.50	0.116	0.023	0.126	34743	3.612	251.5	3.2
4/20/99	6:45	A	OK	300	7.50	0.117	0.019	0.127	38503	3.936	272.9	2.0
4/20/99	6:50	B	OK	300	7.50	0.116	0.023	0.129	47053	4.892	252.7	2.0
4/20/99	6:55	A	OK	300	7.50	0.117	0.020	0.131	54905	5.613	252.1	1.3
4/20/99	7:00	B	OK	300	7.50	0.117	0.030	0.131	53232	5.535	233.8	1.8
4/20/99	7:05	A	OK	300	7.50	0.117	0.022	0.132	57846	5.914	228.1	1.6
4/20/99	7:10	B	OK	300	7.50	0.117	0.023	0.130	51238	5.329	282.0	1.7
4/20/99	7:15	A	OK	300	7.50	0.117	0.025	0.131	51863	5.302	231.8	2.3
4/20/99	7:20	B	OK	300	7.50	0.117	0.024	0.129	47882	4.978	193.4	4.2
4/20/99	7:25	A	OK	300	7.50	0.117	0.030	0.131	51738	5.289	232.4	2.6
4/20/99	7:30	B	OK	300	7.50	0.117	0.022	0.130	48884	5.083	215.3	2.7
4/20/99	7:35	A	OK	300	7.50	0.117	0.019	0.130	49049	5.014	223.6	3.5
4/20/99	7:40	B	OK	300	7.50	0.117	0.024	0.129	47657	4.955	213.8	4.1
4/20/99	7:45	A	OK	300	7.50	0.117	0.020	0.131	51016	5.216	236.7	2.8
4/20/99	7:50	B	OK	300	7.50	0.117	0.021	0.130	50972	5.300	224.1	3.4
4/20/99	7:55	A	OK	300	7.50	0.117	0.022	0.132	55027	5.626	326.7	1.7
4/20/99	8:00	B	OK	300	7.50	0.117	0.034	0.132	58968	6.131	230.1	2.6
4/20/99	8:05	A	OK	300	7.50	0.117	0.020	0.134	61709	6.309	273.3	2.4
4/20/99	8:10	B	OK	300	7.50	0.117	0.023	0.133	60385	6.278	227.1	2.8
4/20/99	8:15	A	OK	300	7.50	0.117	0.019	0.133	58904	6.022	263.8	3.4
4/20/99	8:20	B	OK	300	7.50	0.117	0.033	0.133	63636	6.616	262.1	2.3
4/20/99	8:25	A	OK	300	7.50	0.117	0.023	0.135	67366	6.887	268.6	2.2
4/20/99	8:30	B	OK	300	7.50	0.117	0.023	0.137	77049	8.011	266.0	2.5
4/20/99	8:35	A	OK	300	7.50	0.117	0.023	0.137	74956	7.663	241.5	3.5
4/20/99	8:40	B	OK	300	7.50	0.117	0.023	0.136	72901	7.580	224.3	3.4
4/20/99	8:45	A	OK	300	7.50	0.117	0.020	0.135	69217	7.076	254.5	4.5
4/20/99	8:50	B	OK	300	7.50	0.117	0.021	0.135	69621	7.239	258.9	3.4
4/20/99	8:55	A	OK	300	7.50	0.116	0.022	0.135	70656	7.223	264.4	3.5
4/20/99	9:00	B	OK	300	7.50	0.116	0.020	0.135	69617	7.238	263.4	4.0
4/20/99	9:05	A	OK	300	7.50	0.116	0.020	0.136	70746	7.232	252.0	3.9
4/20/99	9:10	B	OK	300	7.50	0.116	0.020	0.136	75760	7.877	249.2	4.3
4/20/99	9:15	A	OK	300	7.49	0.116	0.021	0.136	73413	7.508	270.8	4.6
4/20/99	9:20	B	OK	300	7.50	0.116	0.024	0.136	73754	7.668	255.6	4.3
4/20/99	9:25	A	OK	300	7.50	0.116	0.019	0.136	75243	7.692	271.0	4.6
4/20/99	9:30	B	OK	300	7.50	0.116	0.022	0.135	71782	7.463	286.1	5.6
4/20/99	9:35	A	OK	300	7.50	0.116	0.020	0.136	73959	7.561	260.3	5.1
4/20/99	9:40	B	OK	300	7.50	0.116	0.018	0.135	72497	7.538	256.5	4.6
4/20/99	9:45	A	OK	300	7.50	0.116	0.021	0.136	75836	7.753	277.2	6.1
4/20/99	9:50	B	OK	300	7.50	0.116	0.021	0.136	76717	7.976	284.6	4.7
4/20/99	9:55	A	OK	300	7.50	0.116	0.018	0.136	74097	7.575	280.3	5.4
4/20/99	10:00	B	OK	300	7.50	0.116	0.022	0.136	74788	7.776	283.2	5.9
4/20/99	10:05	A	OK	300	7.50	0.116	0.022	0.136	75881	7.757	279.8	4.7
4/20/99	10:10	B	OK	300	7.50	0.116	0.021	0.136	74963	7.794	287.9	5.9
4/20/99	10:15	A	OK	300	7.50	0.116	0.018	0.136	76263	7.796	266.8	4.1
4/20/99	10:20	B	OK	300	7.50	0.116	0.016	0.136	75583	7.858	275.2	5.5
4/20/99	10:25	A	OK	300	7.50	0.116	0.021	0.136	74290	7.595	267.6	4.7
4/20/99	10:30	B	OK	300	7.50	0.116	0.022	0.134	69542	7.230	273.1	5.9

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/20/99	10:35	A	OK	300	7.50	0.115	0.017	0.134	69526	7.108	266.0	5.9
4/20/99	10:40	B	OK	300	7.50	0.115	0.019	0.134	67797	7.049	268.3	8.0
4/20/99	10:45	A	OK	300	7.50	0.115	0.019	0.135	71317	7.291	277.6	6.4
4/20/99	10:50	B	OK	300	7.50	0.115	0.023	0.134	70673	7.348	272.7	7.3
4/20/99	10:55	A	OK	300	7.50	0.115	0.024	0.135	72412	7.403	248.8	5.4
4/20/99	11:00	B	OK	300	7.50	0.115	0.018	0.134	72164	7.503	260.4	6.1
4/20/99	11:05	A	OK	300	7.50	0.115	0.020	0.135	71684	7.328	278.1	7.0
4/20/99	11:45	A	OK	300	7.47	0.115	0.024	0.146	115699	12.057	265.4	5.9
4/20/99	11:50	B	OK	300	7.50	0.115	0.022	0.133	67311	7.115	270.1	6.8
4/20/99	11:55	A	OK	300	7.50	0.115	0.025	0.133	66931	6.952	286.7	6.9
4/20/99	12:00	B	OK	300	7.50	0.115	0.022	0.133	65796	6.955	254.8	6.5
4/20/99	12:05	A	OK	300	7.50	0.115	0.020	0.133	67741	7.036	288.5	4.5
4/20/99	12:10	B	OK	300	7.50	0.115	0.021	0.132	62491	6.605	266.3	4.3
4/20/99	12:15	A	OK	300	7.50	0.115	0.021	0.132	63056	6.549	284.7	7.1
4/20/99	12:20	B	OK	300	7.50	0.115	0.017	0.132	63990	6.764	296.5	6.8
4/20/99	12:25	A	OK	300	7.50	0.115	0.019	0.132	61202	6.357	292.5	7.1
4/20/99	12:30	B	OK	300	7.50	0.115	0.024	0.133	66495	7.029	321.6	7.1
4/20/99	12:35	A	OK	300	7.50	0.115	0.020	0.132	64442	6.693	298.3	8.8
4/20/99	12:40	B	OK	300	7.50	0.115	0.026	0.130	59636	6.304	301.6	7.3
4/20/99	12:45	A	OK	300	7.50	0.115	0.022	0.136	78163	8.118	297.5	7.1
4/20/99	12:50	B	OK	300	7.50	0.115	0.023	0.134	74152	7.838	264.1	5.4
4/20/99	12:55	A	OK	300	7.50	0.115	0.022	0.132	67142	6.973	307.2	5.1
4/20/99	13:00	B	OK	300	7.50	0.115	0.018	0.130	60543	6.402	287.9	6.6
4/20/99	13:05	A	OK	300	7.50	0.115	0.024	0.131	59888	6.220	308.7	7.6
4/20/99	13:10	B	OK	300	7.50	0.115	0.017	0.131	64939	6.864	314.2	6.9
4/20/99	13:15	A	OK	300	7.50	0.115	0.020	0.131	61442	6.382	326.8	8.1
4/20/99	13:20	B	OK	300	7.50	0.115	0.025	0.129	58635	6.198	296.2	7.8
4/20/99	13:25	A	OK	300	7.50	0.115	0.018	0.129	54024	5.611	301.6	7.6
4/20/99	13:30	B	OK	300	7.50	0.115	0.021	0.127	49547	5.237	309.4	6.9
4/20/99	13:35	A	OK	300	7.50	0.115	0.030	0.132	68236	7.087	312.1	6.9
4/20/99	13:40	B	OK	300	7.50	0.115	0.018	0.128	52832	5.585	293.9	6.5
4/20/99	13:45	A	OK	300	7.50	0.115	0.020	0.129	56747	5.894	307.0	8.8
4/20/99	13:50	B	OK	300	7.50	0.115	0.024	0.127	46488	4.914	291.5	8.3
4/20/99	13:55	A	OK	300	7.50	0.115	0.024	0.128	53089	5.514	307.3	7.9
4/20/99	14:00	B	OK	300	7.50	0.115	0.033	0.128	55905	5.909	301.2	7.8
4/20/99	14:05	A	OK	300	7.50	0.115	0.021	0.129	57172	5.938	309.6	8.0
4/20/99	14:10	B	OK	300	7.50	0.115	0.020	0.126	48194	5.094	306.6	6.9
4/20/99	14:15	A	OK	300	7.50	0.115	0.022	0.128	54502	5.661	316.0	5.2
4/20/99	14:20	B	OK	300	7.50	0.115	0.019	0.126	44807	4.736	314.3	7.3
4/20/99	14:25	A	OK	300	7.50	0.115	0.022	0.126	45222	4.697	294.4	7.0
4/20/99	14:30	B	OK	300	7.50	0.115	0.024	0.124	39001	4.123	262.7	3.3
4/20/99	14:35	A	OK	300	7.50	0.115	0.021	0.129	55918	5.808	307.8	7.0
4/20/99	14:40	B	OK	300	7.50	0.115	0.020	0.127	53061	5.609	298.9	9.0
4/20/99	14:45	A	OK	300	7.50	0.115	0.021	0.128	53083	5.514	276.8	6.1
4/20/99	14:50	B	OK	300	7.50	0.115	0.020	0.127	50952	5.388	295.0	8.0
4/20/99	14:55	A	OK	300	7.50	0.115	0.022	0.129	55934	5.810	313.4	9.3
4/20/99	15:00	B	OK	300	7.50	0.115	0.024	0.127	50520	5.340	262.9	7.3
4/20/99	15:05	A	OK	300	7.50	0.115	0.026	0.125	41456	4.306	267.3	6.2
4/20/99	15:10	B	OK	300	7.50	0.115	0.023	0.127	51489	5.442	281.0	6.2
4/20/99	15:15	A	OK	300	7.50	0.115	0.022	0.128	51693	5.369	277.8	7.6
4/20/99	15:20	B	OK	300	7.50	0.115	0.025	0.126	47305	5.000	283.0	6.9
4/20/99	15:25	A	OK	300	7.50	0.115	0.023	0.129	55389	5.753	297.2	5.0
4/20/99	15:30	B	OK	300	7.50	0.115	0.021	0.127	50215	5.308	302.9	8.3
4/20/99	15:35	A	OK	300	7.50	0.115	0.018	0.126	41932	4.355	286.8	7.6

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/20/99	15:40	B	OK	300	7.50	0.114	0.022	0.126	46774	4.944	288.8	6.0
4/20/99	15:45	A	OK	300	7.50	0.115	0.019	0.126	47050	4.887	286.0	5.9
4/20/99	15:50	B	OK	300	7.50	0.114	0.019	0.127	49474	5.229	273.0	5.0
4/20/99	15:55	A	OK	300	7.50	0.114	0.018	0.127	49847	5.177	285.5	5.6
4/20/99	16:00	B	OK	300	7.50	0.114	0.026	0.126	48341	5.110	307.7	5.2
4/20/99	16:05	A	OK	300	7.50	0.114	0.023	0.126	47968	4.982	321.5	5.0
4/20/99	16:10	B	OK	300	7.50	0.114	0.021	0.126	48178	5.092	287.3	6.3
4/20/99	16:15	A	OK	300	7.50	0.114	0.021	0.126	48389	5.026	308.6	7.9
4/20/99	16:20	B	OK	300	7.50	0.114	0.025	0.125	45747	4.836	309.2	5.9
4/20/99	16:25	A	OK	300	7.50	0.114	0.027	0.125	42549	4.419	280.2	7.1
4/20/99	16:30	B	OK	300	7.50	0.114	0.021	0.124	41420	4.378	334.6	6.8
4/20/99	16:35	A	OK	300	7.50	0.114	0.021	0.127	48460	5.033	312.5	5.3
4/20/99	16:40	B	OK	300	7.50	0.114	0.019	0.125	42981	4.543	300.5	4.8
4/20/99	16:45	A	OK	300	7.49	0.114	0.020	0.125	40987	4.259	309.3	7.2
4/20/99	16:50	B	OK	300	7.50	0.114	0.026	0.124	39046	4.127	343.8	5.4
4/20/99	16:55	A	OK	300	7.50	0.114	0.019	0.125	40151	4.170	324.4	6.0
4/20/99	17:00	B	OK	300	7.50	0.114	0.020	0.125	42341	4.475	335.7	6.9
4/20/99	17:05	A	OK	300	7.50	0.114	0.022	0.125	40969	4.255	331.1	6.9
4/20/99	17:10	B	OK	300	7.50	0.114	0.025	0.124	38706	4.091	325.0	6.1
4/20/99	17:15	A	OK	300	7.50	0.114	0.020	0.125	40623	4.219	326.6	5.1
4/20/99	17:20	B	OK	300	7.50	0.114	0.026	0.125	40468	4.278	305.5	4.3
4/20/99	17:25	A	OK	300	7.50	0.114	0.031	0.125	38084	3.956	284.8	6.3
4/20/99	17:30	B	OK	300	7.50	0.114	0.025	0.123	35724	3.776	275.3	5.4
4/20/99	17:35	A	OK	300	7.50	0.114	0.018	0.124	36614	3.803	274.6	5.7
4/20/99	17:40	B	OK	300	7.50	0.114	0.028	0.123	34545	3.651	287.4	5.7
4/20/99	17:45	A	OK	300	7.50	0.114	0.024	0.123	34084	3.540	288.8	5.5
4/20/99	17:50	B	OK	300	7.50	0.114	0.017	0.122	32067	3.389	284.5	7.4
4/20/99	17:55	A	OK	300	7.50	0.114	0.022	0.123	33933	3.525	300.6	7.3
4/20/99	18:00	B	OK	300	7.50	0.114	0.028	0.122	30392	3.212	280.8	3.4
4/20/99	18:05	A	OK	300	7.50	0.114	0.023	0.123	32312	3.356	296.5	6.1
4/20/99	18:10	B	OK	300	7.50	0.114	0.021	0.122	30643	3.239	305.4	5.4
4/20/99	18:15	A	OK	300	7.50	0.114	0.030	0.123	31938	3.317	308.1	5.5
4/20/99	18:20	B	OK	300	7.50	0.114	0.031	0.122	29542	3.123	325.9	4.6
4/20/99	18:25	A	OK	300	7.50	0.115	0.025	0.123	30664	3.185	311.7	4.1
4/20/99	18:30	B	OK	300	7.50	0.114	0.020	0.122	29992	3.170	316.8	4.1
4/20/99	18:35	A	OK	300	7.50	0.115	0.022	0.122	30529	3.171	321.4	4.9
4/20/99	18:40	B	OK	300	7.50	0.114	0.019	0.122	28690	3.034	315.8	5.3
4/20/99	18:45	A	OK	300	7.50	0.115	0.021	0.122	28271	2.936	311.9	6.7
4/20/99	18:50	B	OK	300	7.50	0.115	0.027	0.121	26749	2.827	315.0	4.5
4/20/99	18:55	A	OK	300	7.50	0.115	0.020	0.122	27832	2.891	295.0	3.1
4/20/99	19:00	B	OK	300	7.50	0.115	0.023	0.121	25274	2.672	289.6	2.2
4/20/99	19:05	A	OK	300	7.50	0.115	0.025	0.122	27892	2.897	296.8	2.8
4/20/99	19:10	B	OK	300	7.50	0.115	0.021	0.122	30511	3.225	353.3	2.2
4/20/99	19:15	A	OK	300	7.50	0.115	0.028	0.122	27584	2.865	8.1	2.6
4/20/99	19:20	B	OK	300	7.50	0.115	0.022	0.121	23844	2.520	55.4	2.6
4/20/99	19:25	A	OK	300	7.50	0.115	0.023	0.121	24386	2.533	56.3	1.7
4/20/99	19:30	B	OK	300	7.50	0.115	0.022	0.121	24678	2.609	62.8	1.7
4/20/99	19:35	A	OK	300	7.50	0.115	0.022	0.121	24092	2.502	40.5	2.6
4/20/99	19:40	B	OK	300	7.50	0.115	0.027	0.121	24006	2.537	49.7	2.0
4/20/99	19:45	A	OK	300	7.50	0.115	0.032	0.122	23769	2.469	38.3	2.5
4/20/99	19:50	B	OK	300	7.50	0.115	0.022	0.121	23016	2.433	56.6	2.6
4/20/99	19:55	A	OK	300	7.50	0.115	0.021	0.121	22131	2.299	56.8	2.7
4/20/99	20:00	B	OK	300	7.50	0.115	0.023	0.121	22248	2.352	50.0	2.0
4/20/99	20:05	A	OK	300	7.50	0.115	0.028	0.121	22936	2.382	46.3	1.7

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/20/99	20:10	B	OK	300	7.50	0.115	0.021	0.121	22124	2.339	56.5	2.0
4/20/99	20:15	A	OK	300	7.50	0.115	0.026	0.121	21815	2.266	30.7	2.6
4/20/99	20:20	B	OK	300	7.50	0.115	0.022	0.121	22701	2.400	33.8	2.0
4/20/99	20:25	A	OK	300	7.50	0.115	0.020	0.122	24922	2.588	338.7	2.9
4/20/99	20:30	B	OK	300	7.50	0.115	0.025	0.122	24551	2.596	30.0	2.0
4/20/99	20:35	A	OK	300	7.50	0.115	0.024	0.122	24051	2.498	330.6	2.7
4/20/99	20:40	B	OK	300	7.50	0.115	0.024	0.122	23775	2.513	343.3	2.4
4/20/99	20:45	A	OK	300	7.50	0.115	0.018	0.122	25879	2.688	344.9	2.2
4/20/99	20:50	B	OK	300	7.50	0.115	0.031	0.123	26799	2.833	354.5	2.0
4/20/99	20:55	A	OK	300	7.50	0.115	0.034	0.123	29050	3.017	2.1	1.2
4/20/99	21:00	B	OK	300	7.50	0.115	0.024	0.124	31948	3.377	2.1	1.3
4/20/99	21:05	A	OK	300	7.50	0.115	0.025	0.126	39944	4.149	2.1	1.4
4/20/99	21:10	B	OK	300	7.50	0.115	0.030	0.123	28742	3.038	6.0	1.3
4/20/99	21:15	A	OK	300	7.50	0.116	0.021	0.124	29367	3.050	123.9	1.7
4/20/99	21:20	B	OK	300	7.50	0.115	0.024	0.127	41947	4.434	123.5	1.2
4/20/99	21:25	A	OK	300	7.50	0.116	0.021	0.128	47424	4.926	123.5	0.4
4/20/99	21:30	B	OK	300	7.50	0.116	0.027	0.128	46436	4.908	123.5	0.4
4/20/99	21:35	A	OK	300	7.50	0.116	0.025	0.129	51369	5.335	123.5	0.6
4/20/99	21:40	B	OK	300	7.50	0.116	0.023	0.131	57074	6.033	79.6	1.4
4/20/99	21:45	A	OK	300	7.50	0.116	0.018	0.130	53867	5.595	1.2	1.4
4/20/99	21:50	B	OK	300	7.50	0.116	0.024	0.128	47918	5.065	0.2	1.4
4/20/99	21:55	A	OK	300	7.50	0.116	0.024	0.129	51186	5.316	340.5	1.5
4/20/99	22:00	B	OK	300	7.50	0.116	0.024	0.129	48741	5.152	340.6	1.2
4/20/99	22:05	A	OK	300	7.50	0.116	0.022	0.129	48366	5.024	340.6	0.6
4/20/99	22:10	B	OK	300	7.50	0.116	0.023	0.129	51359	5.429	340.6	0.7
4/20/99	22:15	A	OK	300	7.50	0.116	0.030	0.129	48378	5.025	110.8	1.5
4/20/99	22:20	B	OK	300	7.50	0.116	0.026	0.130	54289	5.739	117.4	1.4
4/20/99	22:25	A	OK	300	7.49	0.116	0.027	0.131	55158	5.731	117.4	1.3
4/20/99	22:30	B	OK	300	7.50	0.116	0.023	0.128	44626	4.717	117.3	1.2
4/20/99	22:35	A	OK	300	7.50	0.116	0.022	0.127	40897	4.248	64.2	1.6
4/20/99	22:40	B	OK	300	7.50	0.116	0.024	0.123	27209	2.876	10.1	2.1
4/20/99	22:45	A	OK	300	7.50	0.116	0.019	0.124	30117	3.128	4.9	1.7
4/20/99	22:50	B	OK	300	7.50	0.116	0.025	0.125	32564	3.442	2.1	1.6
4/20/99	22:55	A	OK	300	7.50	0.116	0.030	0.125	30984	3.218	60.8	1.3
4/20/99	23:00	B	OK	300	7.50	0.116	0.027	0.126	37971	4.014	121.6	2.4
4/20/99	23:05	A	OK	300	7.50	0.116	0.024	0.128	44409	4.613	107.3	2.0
4/20/99	23:10	B	OK	300	7.50	0.116	0.024	0.124	30978	3.274	100.4	0.6
4/20/99	23:15	A	OK	300	7.50	0.116	0.021	0.124	27770	2.884	100.4	0.5
4/20/99	23:20	B	OK	300	7.50	0.116	0.023	0.123	27522	2.909	100.4	0.4
4/20/99	23:25	A	OK	300	7.50	0.116	0.022	0.124	27243	2.830	93.5	0.8
4/20/99	23:30	B	OK	300	7.50	0.116	0.020	0.123	26816	2.835	1.9	1.8
4/20/99	23:35	A	OK	300	7.50	0.116	0.021	0.123	25931	2.693	6.0	1.7
4/20/99	23:40	B	OK	300	7.50	0.116	0.024	0.123	26088	2.758	18.7	1.8
4/20/99	23:45	A	OK	300	7.50	0.116	0.020	0.123	24403	2.535	44.1	2.3
4/20/99	23:50	B	OK	300	7.50	0.116	0.028	0.123	23756	2.511	56.7	3.3
4/20/99	23:55	A	OK	300	7.50	0.116	0.019	0.123	23474	2.438	53.8	5.2
4/21/99	0:00	B	OK	300	7.50	0.116	0.024	0.122	23868	2.523	59.4	5.8
4/21/99	0:05	A	OK	300	7.50	0.116	0.022	0.123	24405	2.535	61.5	6.1
4/21/99	0:10	B	OK	300	7.50	0.116	0.032	0.122	23679	2.503	66.2	5.7
4/21/99	0:15	A	OK	300	7.50	0.116	0.037	0.123	24173	2.511	67.3	4.1
4/21/99	0:20	B	OK	300	7.50	0.116	0.024	0.122	23002	2.432	63.4	4.1
4/21/99	0:25	A	OK	300	7.50	0.116	0.022	0.122	22843	2.373	76.5	4.8
4/21/99	0:30	B	OK	300	7.50	0.116	0.021	0.122	22206	2.347	77.2	4.5
4/21/99	0:35	A	OK	300	7.50	0.116	0.022	0.122	22016	2.287	88.0	4.5

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/21/99	0:40	B	OK	300	7.50	0.116	0.028	0.122	21289	2.250	78.0	4.7
4/21/99	0:45	A	OK	300	7.50	0.116	0.023	0.122	20713	2.151	79.7	5.2
4/21/99	0:50	B	OK	300	7.50	0.116	0.021	0.122	20720	2.190	75.7	5.3
4/21/99	0:55	A	OK	300	7.50	0.116	0.022	0.122	21455	2.228	78.9	3.9
4/21/99	1:00	B	OK	300	7.50	0.116	0.022	0.122	20915	2.211	59.3	4.8
4/21/99	1:05	A	OK	300	7.50	0.116	0.028	0.122	20988	2.180	76.6	4.9
4/21/99	1:10	B	OK	300	7.50	0.116	0.022	0.122	20847	2.204	82.8	4.8
4/21/99	1:15	A	OK	300	7.50	0.116	0.018	0.122	22003	2.285	71.2	4.4
4/21/99	1:20	B	OK	300	7.50	0.116	0.018	0.122	20555	2.173	77.6	4.6
4/21/99	1:25	A	OK	300	7.50	0.116	0.020	0.122	21241	2.206	96.8	4.2
4/21/99	1:30	B	OK	300	7.50	0.116	0.022	0.122	20348	2.151	89.4	2.9
4/21/99	1:35	A	OK	300	7.50	0.116	0.019	0.122	20952	2.176	85.8	3.6
4/21/99	1:40	B	OK	300	7.50	0.116	0.026	0.122	20990	2.219	98.2	3.8
4/21/99	1:45	A	OK	300	7.50	0.116	0.021	0.122	21638	2.247	112.6	3.8
4/21/99	1:50	B	OK	300	7.50	0.116	0.017	0.122	21449	2.267	93.0	3.0
4/21/99	1:55	A	OK	300	7.50	0.116	0.024	0.122	21178	2.200	102.2	3.9
4/21/99	2:00	B	OK	300	7.50	0.116	0.022	0.122	20905	2.210	111.7	4.0
4/21/99	2:05	A	OK	300	7.50	0.116	0.024	0.122	21390	2.222	111.6	3.5
4/21/99	2:10	B	OK	300	7.50	0.116	0.021	0.122	21225	2.244	108.5	3.3
4/21/99	2:15	A	OK	300	7.50	0.116	0.021	0.122	21052	2.187	100.9	3.0
4/21/99	2:20	B	OK	300	7.50	0.116	0.024	0.122	21589	2.283	104.2	2.8
4/21/99	2:25	A	OK	300	7.50	0.116	0.020	0.122	21503	2.233	103.3	2.6
4/21/99	2:30	B	OK	300	7.50	0.116	0.024	0.122	21428	2.265	108.1	2.8
4/21/99	2:35	A	OK	300	7.50	0.116	0.021	0.122	21441	2.227	87.1	2.4
4/21/99	2:40	B	OK	300	7.50	0.116	0.021	0.122	21490	2.272	101.7	3.4
4/21/99	2:45	A	OK	300	7.50	0.116	0.021	0.122	21561	2.239	110.2	3.7
4/21/99	2:50	B	OK	300	7.50	0.116	0.023	0.122	21203	2.241	116.8	3.4
4/21/99	2:55	A	OK	300	7.50	0.116	0.025	0.122	21302	2.213	114.7	3.4
4/21/99	3:00	B	OK	300	7.50	0.116	0.024	0.122	21694	2.293	97.7	3.2
4/21/99	3:05	A	OK	300	7.50	0.116	0.022	0.122	21416	2.224	104.4	2.9
4/21/99	3:10	B	OK	300	7.50	0.116	0.024	0.122	21655	2.289	98.2	2.8
4/21/99	3:15	A	OK	300	7.50	0.116	0.021	0.122	21165	2.198	100.2	2.7
4/21/99	3:20	B	OK	300	7.50	0.116	0.019	0.122	21261	2.247	108.4	3.3
4/21/99	3:25	A	OK	300	7.50	0.116	0.021	0.122	21402	2.223	109.3	3.4
4/21/99	3:30	B	OK	300	7.50	0.116	0.023	0.122	20389	2.155	113.9	3.3
4/21/99	3:35	A	OK	300	7.50	0.116	0.024	0.122	21556	2.239	105.7	2.8
4/21/99	3:40	B	OK	300	7.50	0.116	0.023	0.122	21009	2.221	95.5	2.8
4/21/99	3:45	A	OK	300	7.50	0.116	0.023	0.122	21855	2.270	97.6	2.8
4/21/99	3:50	B	OK	300	7.50	0.116	0.020	0.122	20994	2.219	99.1	2.6
4/21/99	3:55	A	OK	300	7.50	0.116	0.021	0.122	20969	2.178	99.5	2.8
4/21/99	4:00	B	OK	300	7.50	0.116	0.025	0.122	20887	2.208	93.6	2.7
4/21/99	4:05	A	OK	300	7.50	0.116	0.022	0.122	21386	2.221	107.8	3.3
4/21/99	4:10	B	OK	300	7.50	0.116	0.022	0.122	20856	2.205	106.4	3.3
4/21/99	4:15	A	OK	300	7.50	0.116	0.021	0.122	21726	2.257	101.1	3.3
4/21/99	4:20	B	OK	300	7.50	0.116	0.020	0.122	20455	2.162	99.9	3.5
4/21/99	4:25	A	OK	300	7.49	0.116	0.020	0.122	21036	2.186	112.0	4.0
4/21/99	4:30	B	OK	300	7.50	0.116	0.023	0.122	20635	2.181	111.1	4.5
4/21/99	4:35	A	OK	300	7.50	0.116	0.023	0.122	20735	2.154	100.1	3.4
4/21/99	4:40	B	OK	300	7.50	0.116	0.024	0.122	20258	2.141	98.1	3.6
4/21/99	4:45	A	OK	300	7.50	0.116	0.024	0.122	21212	2.203	103.7	3.8
4/21/99	4:50	B	OK	300	7.50	0.116	0.021	0.122	19806	2.094	110.5	4.2
4/21/99	4:55	A	OK	300	7.50	0.116	0.023	0.122	20868	2.167	107.4	3.3
4/21/99	5:00	B	OK	300	7.50	0.116	0.025	0.122	20645	2.182	103.5	3.7
4/21/99	5:05	A	OK	300	7.50	0.116	0.022	0.122	21051	2.187	114.2	3.7

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/21/99	5:10	B	OK	300	7.50	0.116	0.025	0.122	20120	2.127	114.7	3.9
4/21/99	5:15	A	OK	300	7.50	0.116	0.021	0.122	20940	2.175	110.3	4.3
4/21/99	5:20	B	OK	300	7.50	0.116	0.023	0.122	20122	2.127	99.2	3.2
4/21/99	5:25	A	OK	300	7.50	0.116	0.021	0.122	20499	2.129	109.2	3.7
4/21/99	5:30	B	OK	300	7.50	0.116	0.022	0.122	20681	2.186	99.8	3.8
4/21/99	5:35	A	OK	300	7.50	0.116	0.022	0.122	20528	2.132	100.0	3.2
4/21/99	5:40	B	OK	300	7.50	0.116	0.025	0.122	21095	2.230	107.6	3.9
4/21/99	5:45	A	OK	300	7.50	0.117	0.020	0.122	20673	2.147	107.4	3.6
4/21/99	5:50	B	OK	300	7.50	0.116	0.028	0.122	21115	2.232	92.7	3.9
4/21/99	5:55	A	OK	300	7.50	0.117	0.019	0.122	21318	2.214	91.3	4.1
4/21/99	6:00	B	OK	300	7.50	0.117	0.034	0.122	20663	2.184	87.7	3.4
4/21/99	6:05	A	OK	300	7.50	0.117	0.026	0.122	21632	2.247	84.1	3.5
4/21/99	6:10	B	OK	300	7.50	0.117	0.026	0.122	21110	2.231	89.3	3.5
4/21/99	6:15	A	OK	300	7.50	0.117	0.020	0.122	21420	2.225	86.1	3.8
4/21/99	6:20	B	OK	300	7.50	0.117	0.018	0.122	21197	2.241	85.6	3.6
4/21/99	6:25	A	OK	300	7.50	0.117	0.026	0.122	20606	2.140	87.7	3.3
4/21/99	6:30	B	OK	300	7.50	0.117	0.022	0.122	21169	2.238	92.7	3.1
4/21/99	6:35	A	OK	300	7.49	0.117	0.022	0.123	21070	2.189	84.2	3.4
4/21/99	6:40	B	OK	300	7.50	0.117	0.026	0.122	20956	2.215	88.7	3.0
4/21/99	6:45	A	OK	300	7.50	0.117	0.020	0.123	21560	2.239	83.5	2.9
4/21/99	6:50	B	OK	300	7.50	0.117	0.023	0.123	21785	2.303	88.6	3.1
4/21/99	6:55	A	OK	300	7.50	0.117	0.021	0.123	22613	2.349	91.9	4.2
4/21/99	7:00	B	OK	300	7.50	0.117	0.022	0.123	22845	2.415	92.3	4.1
4/21/99	7:05	A	OK	300	7.50	0.117	0.023	0.123	24362	2.530	89.8	3.7
4/21/99	7:10	B	OK	300	7.50	0.117	0.021	0.123	24553	2.595	106.8	4.4
4/21/99	7:15	A	OK	300	7.50	0.117	0.026	0.124	25633	2.662	100.8	4.3
4/21/99	7:20	B	OK	300	7.50	0.117	0.021	0.124	27245	2.880	98.7	4.1
4/21/99	7:25	A	OK	300	7.50	0.117	0.025	0.125	28543	2.965	99.5	4.3
4/21/99	7:30	B	OK	300	7.50	0.117	0.021	0.124	29046	3.070	87.4	4.8
4/21/99	7:35	A	OK	300	7.50	0.117	0.025	0.125	29953	3.111	91.0	4.6
4/21/99	7:40	B	OK	300	7.50	0.117	0.029	0.125	30632	3.238	83.5	3.7
4/21/99	7:45	A	OK	300	7.50	0.117	0.026	0.126	34168	3.549	75.7	4.1
4/21/99	7:50	B	OK	300	7.50	0.117	0.023	0.126	34371	3.633	69.9	4.5
4/21/99	7:55	A	OK	300	7.50	0.117	0.019	0.127	36176	3.757	73.1	4.0
4/21/99	8:00	B	OK	300	7.50	0.117	0.018	0.127	37737	3.989	70.8	4.5
4/21/99	8:05	A	OK	300	7.50	0.117	0.024	0.127	39191	4.071	75.9	5.2
4/21/99	8:10	B	OK	300	7.50	0.117	0.018	0.127	40026	4.231	80.6	5.4
4/21/99	8:15	A	OK	300	7.50	0.117	0.026	0.128	41930	4.355	82.2	5.7
4/21/99	8:20	B	OK	300	7.50	0.116	0.020	0.128	43484	4.596	78.7	5.9
4/21/99	8:25	A	OK	300	7.50	0.116	0.020	0.129	45518	4.728	81.9	5.5
4/21/99	8:30	B	OK	300	7.50	0.116	0.019	0.129	46734	4.940	88.2	6.0
4/21/99	8:35	A	OK	300	7.50	0.116	0.023	0.129	48684	5.056	96.5	6.5
4/21/99	8:40	B	OK	300	7.50	0.116	0.025	0.129	49102	5.190	94.6	6.6
4/21/99	8:45	A	OK	300	7.49	0.116	0.021	0.130	50641	5.262	95.3	6.8
4/21/99	8:50	B	OK	300	7.50	0.116	0.021	0.130	50823	5.372	87.9	7.6
4/21/99	8:55	A	OK	300	7.50	0.116	0.020	0.130	52776	5.482	92.2	6.8
4/21/99	9:00	B	OK	300	7.50	0.116	0.021	0.131	54959	5.809	100.0	6.5
4/21/99	9:05	A	OK	300	7.50	0.116	0.022	0.131	55931	5.809	101.6	8.0
4/21/99	9:10	B	OK	300	7.50	0.116	0.019	0.131	55887	5.907	123.6	8.9
4/21/99	9:15	A	OK	300	7.50	0.116	0.023	0.131	57061	5.927	115.2	8.5
4/21/99	9:20	B	OK	300	7.50	0.116	0.024	0.131	58336	6.166	119.1	6.9
4/21/99	9:25	A	OK	300	7.50	0.116	0.023	0.132	58820	6.109	109.0	7.6
4/21/99	9:30	B	OK	300	7.50	0.116	0.021	0.131	59352	6.274	91.7	7.2
4/21/99	9:35	A	OK	300	7.50	0.116	0.021	0.132	59631	6.194	111.4	4.9

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/21/99	9:40	B	OK	300	7.50	0.116	0.022	0.131	59455	6.285	119.3	3.8
4/21/99	9:45	A	OK	300	7.50	0.116	0.020	0.132	62678	6.510	121.3	4.0
4/21/99	9:50	B	OK	300	7.50	0.116	0.019	0.133	64258	6.792	91.5	3.8
4/21/99	9:55	A	OK	300	7.50	0.116	0.018	0.132	62064	6.446	165.6	6.4
4/21/99	10:00	B	OK	300	7.50	0.116	0.033	0.132	61734	6.526	118.5	4.7
4/21/99	10:05	A	OK	300	7.50	0.115	0.019	0.133	63671	6.613	106.6	4.6
4/21/99	10:10	B	OK	300	7.50	0.115	0.021	0.132	63050	6.665	43.6	4.6
4/21/99	10:15	A	OK	300	7.50	0.115	0.025	0.133	64362	6.685	60.8	4.4
4/21/99	10:20	B	OK	300	7.50	0.115	0.019	0.132	63961	6.761	114.8	5.9
4/21/99	10:25	A	OK	300	7.50	0.115	0.019	0.132	63917	6.639	79.4	4.6
4/21/99	10:30	B	OK	300	7.50	0.115	0.025	0.132	63073	6.667	96.6	4.5
4/21/99	10:35	A	OK	300	7.50	0.115	0.021	0.132	63669	6.613	177.5	3.8
4/21/99	10:40	B	OK	300	7.50	0.115	0.023	0.132	63379	6.702	185.7	2.8
4/21/99	10:45	A	OK	300	7.50	0.115	0.019	0.132	63782	6.625	79.0	4.2
4/21/99	10:50	B	OK	300	7.50	0.115	0.022	0.132	63588	6.722	76.7	3.9
4/21/99	10:55	A	OK	300	7.50	0.115	0.020	0.133	64162	6.664	51.9	2.4
4/21/99	11:00	B	OK	300	7.50	0.115	0.023	0.132	63795	6.743	50.3	2.7
4/21/99	11:05	A	OK	300	7.50	0.115	0.018	0.132	64156	6.664	62.0	4.1
4/21/99	11:10	B	OK	300	7.50	0.115	0.027	0.131	60970	6.445	103.9	4.6
4/21/99	11:15	A	OK	300	7.50	0.115	0.028	0.132	63779	6.624	103.7	5.1
4/21/99	11:20	B	OK	300	7.50	0.115	0.018	0.132	64164	6.782	67.8	4.0
4/21/99	11:25	A	OK	300	7.50	0.115	0.025	0.133	64893	6.740	116.7	4.5
4/21/99	11:30	B	OK	300	7.50	0.115	0.018	0.132	63020	6.661	114.6	4.1
4/21/99	11:35	A	OK	300	7.50	0.115	0.027	0.132	63518	6.597	127.9	5.3
4/21/99	11:40	B	OK	300	7.50	0.115	0.019	0.131	62238	6.579	80.2	4.5
4/21/99	11:45	A	OK	300	7.50	0.115	0.018	0.132	63930	6.640	89.4	5.1
4/21/99	11:50	B	OK	300	7.50	0.115	0.022	0.131	62280	6.583	56.4	2.5
4/21/99	11:55	A	OK	300	7.50	0.115	0.021	0.131	62117	6.452	2.5	3.3
4/21/99	12:00	B	OK	300	7.50	0.115	0.020	0.131	62748	6.633	346.6	2.6
4/21/99	12:05	A	OK	300	7.50	0.115	0.023	0.131	61396	6.377	257.6	4.1
4/21/99	12:45	A	OK	300	7.47	0.115	0.025	0.156	156992	16.512	58.7	2.3
4/21/99	12:50	B	OK	300	7.50	0.114	0.020	0.131	63008	6.751	147.1	4.7
4/21/99	12:55	A	OK	300	7.50	0.114	0.028	0.131	62858	6.589	196.0	2.2
4/21/99	13:00	B	OK	300	7.50	0.114	0.022	0.129	56106	6.012	158.0	4.4
4/21/99	13:05	A	OK	300	7.50	0.114	0.026	0.128	52614	5.515	175.8	6.5
4/21/99	13:10	B	OK	300	7.50	0.114	0.023	0.128	51990	5.571	188.9	5.5
4/21/99	13:15	A	OK	300	7.50	0.114	0.022	0.130	58376	6.119	174.5	5.7
4/21/99	13:20	B	OK	300	7.50	0.114	0.019	0.130	59000	6.322	180.1	3.0
4/21/99	13:25	A	OK	300	7.50	0.114	0.022	0.129	55209	5.787	171.1	5.0
4/21/99	13:30	B	OK	300	7.50	0.114	0.021	0.128	51026	5.468	165.3	6.9
4/21/99	13:35	A	OK	300	7.50	0.114	0.019	0.128	51508	5.400	161.1	7.3
4/21/99	13:40	B	OK	300	7.50	0.114	0.021	0.128	51845	5.555	133.7	5.9
4/21/99	13:45	A	OK	300	7.50	0.114	0.023	0.129	52935	5.549	138.6	5.0
4/21/99	13:50	B	OK	300	7.50	0.114	0.024	0.129	55541	5.951	150.4	5.3
4/21/99	13:55	A	OK	300	7.50	0.114	0.022	0.131	62417	6.543	170.0	5.2
4/21/99	14:00	B	OK	300	7.50	0.114	0.033	0.130	61320	6.571	133.3	5.1
4/21/99	14:05	A	OK	300	7.50	0.114	0.022	0.131	61638	6.461	77.7	4.4
4/21/99	14:10	B	OK	300	7.50	0.114	0.022	0.130	59263	6.350	202.9	4.8
4/21/99	14:15	A	OK	300	7.50	0.114	0.021	0.130	59673	6.255	159.6	4.9
4/21/99	14:20	B	OK	300	7.50	0.114	0.028	0.128	52208	5.594	192.7	3.9
4/21/99	14:25	A	OK	300	7.49	0.114	0.019	0.128	50235	5.268	224.1	2.6
4/21/99	14:30	B	OK	300	7.50	0.114	0.018	0.128	53705	5.755	151.4	2.2
4/21/99	14:35	A	OK	300	7.50	0.114	0.023	0.129	53995	5.660	151.6	5.3
4/21/99	14:40	B	OK	300	7.50	0.114	0.021	0.129	56521	6.056	182.9	2.1

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/21/99	14:45	A	OK	300	7.50	0.114	0.025	0.131	60967	6.391	175.1	5.8
4/21/99	14:50	B	OK	300	7.50	0.114	0.022	0.131	62659	6.714	64.5	3.2
4/21/99	14:55	A	OK	300	7.50	0.114	0.020	0.129	56378	5.910	215.8	4.0
4/21/99	15:00	B	OK	300	7.50	0.114	0.020	0.128	52233	5.597	205.8	8.1
4/21/99	15:05	A	OK	300	7.50	0.114	0.020	0.128	51681	5.418	207.0	8.1
4/21/99	15:10	B	OK	300	7.50	0.114	0.023	0.127	51314	5.498	211.4	6.6
4/21/99	15:15	A	OK	300	7.50	0.114	0.023	0.128	51495	5.398	203.3	8.3
4/21/99	15:20	B	OK	300	7.50	0.114	0.024	0.127	49974	5.355	214.9	7.9
4/21/99	15:25	A	OK	300	7.50	0.114	0.021	0.127	49524	5.192	201.0	8.8
4/21/99	15:30	B	OK	300	7.50	0.114	0.021	0.126	48702	5.219	232.2	7.3
4/21/99	15:35	A	OK	300	7.50	0.114	0.025	0.127	49842	5.225	199.3	10.1
4/21/99	15:40	B	OK	300	7.50	0.114	0.022	0.127	49496	5.304	227.7	8.1
4/21/99	15:45	A	OK	300	7.50	0.114	0.019	0.127	48664	5.101	217.2	7.7
4/21/99	15:50	B	OK	300	7.50	0.114	0.020	0.126	47587	5.099	225.7	8.4
4/21/99	15:55	A	OK	300	7.50	0.114	0.021	0.127	45782	4.799	257.7	7.3
4/21/99	16:00	B	OK	300	7.50	0.114	0.019	0.126	48065	5.150	246.7	4.2
4/21/99	16:05	A	OK	300	7.50	0.114	0.024	0.127	47650	4.995	243.0	6.2
4/21/99	16:10	B	OK	300	7.50	0.114	0.028	0.126	45930	4.921	228.9	8.1
4/21/99	16:15	A	OK	300	7.50	0.114	0.020	0.126	44033	4.616	223.3	7.6
4/21/99	16:20	B	OK	300	7.50	0.114	0.020	0.125	41793	4.480	215.1	8.6
4/21/99	16:25	A	OK	300	7.50	0.114	0.019	0.125	43317	4.541	223.3	8.3
4/21/99	16:30	B	OK	300	7.50	0.114	0.026	0.125	42688	4.574	230.2	9.1
4/21/99	16:35	A	OK	300	7.50	0.114	0.021	0.125	42932	4.501	225.0	6.9
4/21/99	16:40	B	OK	300	7.50	0.114	0.018	0.125	41958	4.496	235.6	6.7
4/21/99	16:45	A	OK	300	7.50	0.114	0.024	0.125	42171	4.421	232.7	7.8
4/21/99	16:50	B	OK	300	7.50	0.114	0.022	0.124	39191	4.199	221.0	7.5
4/21/99	16:55	A	OK	300	7.50	0.114	0.019	0.125	41431	4.343	213.3	6.8
4/21/99	17:00	B	OK	300	7.50	0.114	0.023	0.124	39101	4.190	255.8	4.3
4/21/99	17:05	A	OK	300	7.50	0.114	0.021	0.124	39000	4.088	257.9	5.1
4/21/99	17:10	B	OK	300	7.50	0.114	0.020	0.123	35976	3.855	237.8	5.6
4/21/99	17:15	A	OK	300	7.50	0.114	0.020	0.124	38668	4.054	262.7	5.3
4/21/99	17:20	B	OK	300	7.50	0.114	0.024	0.124	38146	4.087	247.3	5.7
4/21/99	17:25	A	OK	300	7.50	0.114	0.022	0.124	36537	3.830	221.5	7.3
4/21/99	17:30	B	OK	300	7.50	0.114	0.023	0.123	34721	3.720	227.1	7.3
4/21/99	17:35	A	OK	300	7.50	0.114	0.028	0.123	33622	3.525	226.5	7.5
4/21/99	17:40	B	OK	300	7.50	0.114	0.020	0.123	32972	3.533	210.5	8.2
4/21/99	17:45	A	OK	300	7.50	0.114	0.020	0.123	35618	3.734	211.6	9.3
4/21/99	17:50	B	OK	300	7.50	0.114	0.018	0.123	34850	3.734	217.6	8.2
4/21/99	17:55	A	OK	300	7.50	0.114	0.024	0.123	33842	3.548	214.6	8.4
4/21/99	18:00	B	OK	300	7.50	0.114	0.021	0.122	33032	3.539	227.0	7.4
4/21/99	18:05	A	OK	300	7.50	0.114	0.022	0.123	33204	3.481	224.5	6.2
4/21/99	18:10	B	OK	300	7.50	0.114	0.019	0.122	31760	3.404	239.4	5.4
4/21/99	18:15	A	OK	300	7.50	0.114	0.018	0.123	32739	3.432	220.1	7.5
4/21/99	18:20	B	OK	300	7.50	0.114	0.020	0.122	30560	3.275	219.2	5.4
4/21/99	18:25	A	OK	300	7.50	0.114	0.021	0.122	31128	3.263	211.4	5.1
4/21/99	18:30	B	OK	300	7.50	0.114	0.024	0.122	30196	3.236	218.2	6.3
4/21/99	18:35	A	OK	300	7.50	0.114	0.025	0.122	30274	3.174	216.2	5.5
4/21/99	18:40	B	OK	300	7.50	0.114	0.024	0.122	29158	3.124	218.7	4.4
4/21/99	18:45	A	OK	300	7.50	0.114	0.029	0.122	29840	3.128	216.1	5.3
4/21/99	18:50	B	OK	300	7.50	0.114	0.022	0.121	27723	2.971	216.1	5.6
4/21/99	18:55	A	OK	300	7.50	0.114	0.021	0.122	27324	2.864	222.5	5.6
4/21/99	19:00	B	OK	300	7.50	0.114	0.023	0.121	25843	2.769	220.7	6.1
4/21/99	19:05	A	OK	300	7.50	0.114	0.023	0.121	26283	2.755	224.7	4.5
4/21/99	19:10	B	OK	300	7.50	0.114	0.021	0.121	26273	2.815	219.8	5.4

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/21/99	19:15	A	OK	300	7.50	0.114	0.019	0.121	26425	2.770	219.0	4.5
4/21/99	19:20	B	OK	300	7.50	0.114	0.030	0.121	25218	2.702	214.5	3.7
4/21/99	19:25	A	OK	300	7.50	0.114	0.022	0.121	26284	2.755	216.5	3.6
4/21/99	19:30	B	OK	300	7.50	0.114	0.026	0.121	25401	2.722	214.4	4.1
4/21/99	19:35	A	OK	300	7.50	0.114	0.021	0.121	24335	2.551	217.3	3.8
4/21/99	19:40	B	OK	300	7.50	0.115	0.020	0.121	24065	2.579	212.2	3.1
4/21/99	19:45	A	OK	300	7.50	0.115	0.030	0.121	24530	2.571	201.4	3.5
4/21/99	19:50	B	OK	300	7.50	0.115	0.019	0.121	23508	2.519	205.7	2.9
4/21/99	19:55	A	OK	300	7.50	0.115	0.020	0.121	23250	2.437	198.6	3.4
4/21/99	20:00	B	OK	300	7.50	0.115	0.023	0.121	23705	2.540	204.5	3.0
4/21/99	20:05	A	OK	300	7.49	0.115	0.024	0.121	23424	2.456	210.6	2.8
4/21/99	20:10	B	OK	300	7.50	0.115	0.022	0.121	23003	2.465	206.0	2.9
4/21/99	20:15	A	OK	300	7.50	0.115	0.025	0.121	23759	2.491	212.1	2.9
4/21/99	20:20	B	OK	300	7.50	0.115	0.023	0.121	23682	2.538	211.6	2.5
4/21/99	20:25	A	OK	300	7.50	0.115	0.021	0.122	26242	2.751	215.4	2.3
4/21/99	20:30	B	OK	300	7.50	0.115	0.026	0.121	22436	2.404	199.1	3.3
4/21/99	20:35	A	OK	300	7.50	0.115	0.021	0.121	23514	2.465	196.6	2.5
4/21/99	20:40	B	OK	300	7.50	0.115	0.024	0.121	22456	2.406	201.1	1.8
4/21/99	20:45	A	OK	300	7.50	0.115	0.022	0.121	23794	2.494	203.5	1.8
4/21/99	20:50	B	OK	300	7.50	0.115	0.019	0.121	21988	2.356	202.6	2.4
4/21/99	20:55	A	OK	300	7.50	0.115	0.032	0.121	23645	2.479	204.5	2.7
4/21/99	21:00	B	OK	300	7.50	0.115	0.025	0.121	23206	2.487	210.0	2.1
4/21/99	21:05	A	OK	300	7.50	0.115	0.024	0.122	24380	2.556	187.7	2.0
4/21/99	21:10	B	OK	300	7.50	0.115	0.027	0.122	25081	2.687	181.3	2.5
4/21/99	21:15	A	OK	300	7.50	0.115	0.021	0.122	25760	2.700	185.9	3.2
4/21/99	21:20	B	OK	300	7.50	0.115	0.020	0.122	25710	2.755	193.5	3.9
4/21/99	21:25	A	OK	300	7.50	0.115	0.028	0.122	24484	2.567	202.1	5.4
4/21/99	21:30	B	OK	300	7.50	0.115	0.025	0.121	23265	2.493	208.2	5.5
4/21/99	21:35	A	OK	300	7.50	0.115	0.023	0.122	23726	2.487	206.4	5.0
4/21/99	21:40	B	OK	300	7.50	0.115	0.024	0.121	22735	2.436	200.7	4.8
4/21/99	21:45	A	OK	300	7.50	0.115	0.019	0.122	23109	2.422	193.8	4.1
4/21/99	21:50	B	OK	300	7.50	0.115	0.019	0.121	22441	2.405	196.5	4.2
4/21/99	21:55	A	OK	300	7.49	0.115	0.020	0.122	22285	2.337	203.6	4.3
4/21/99	22:00	B	OK	300	7.50	0.115	0.031	0.121	22320	2.392	207.0	3.8
4/21/99	22:05	A	OK	300	7.50	0.115	0.030	0.122	23449	2.458	206.3	3.9
4/21/99	22:10	B	OK	300	7.50	0.115	0.023	0.121	22905	2.454	201.4	3.8
4/21/99	22:15	A	OK	300	7.50	0.115	0.021	0.121	23558	2.469	204.2	4.0
4/21/99	22:20	B	OK	300	7.50	0.115	0.020	0.121	22969	2.461	201.3	2.9
4/21/99	22:25	A	OK	300	7.50	0.115	0.027	0.122	23030	2.414	201.1	3.0
4/21/99	22:30	B	OK	300	7.50	0.115	0.018	0.121	21878	2.344	202.3	2.7
4/21/99	22:35	A	OK	300	7.50	0.115	0.021	0.122	23029	2.414	203.7	3.4
4/21/99	22:40	B	OK	300	7.50	0.115	0.023	0.121	23020	2.467	207.4	3.5
4/21/99	22:45	A	OK	300	7.50	0.115	0.019	0.122	23709	2.485	205.7	3.5
4/21/99	22:50	B	OK	300	7.50	0.115	0.028	0.121	22985	2.463	211.6	3.7
4/21/99	22:55	A	OK	300	7.50	0.115	0.024	0.122	23682	2.483	215.8	3.6
4/21/99	23:00	B	OK	300	7.50	0.115	0.022	0.122	23603	2.529	216.2	3.3
4/21/99	23:05	A	OK	300	7.50	0.115	0.023	0.122	23906	2.506	213.1	4.0
4/21/99	23:10	B	OK	300	7.50	0.115	0.027	0.122	23543	2.523	214.5	4.4
4/21/99	23:15	A	OK	300	7.50	0.115	0.025	0.122	23732	2.488	214.8	4.7
4/21/99	23:20	B	OK	300	7.50	0.115	0.022	0.122	24792	2.657	218.1	3.7
4/21/99	23:25	A	OK	300	7.50	0.115	0.019	0.122	24344	2.552	216.5	3.9
4/21/99	23:30	B	OK	300	7.50	0.115	0.023	0.122	24593	2.635	209.2	4.0
4/21/99	23:35	A	OK	300	7.50	0.115	0.020	0.122	24788	2.598	210.0	4.7
4/21/99	23:40	B	OK	300	7.50	0.115	0.029	0.122	24611	2.637	219.4	3.7

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/21/99	23:45	A	OK	300	7.50	0.115	0.025	0.122	25418	2.664	219.7	3.8
4/21/99	23:50	B	OK	300	7.50	0.115	0.020	0.122	24979	2.677	213.0	4.6
4/21/99	23:55	A	OK	300	7.50	0.115	0.027	0.122	25641	2.688	218.4	5.0
4/22/99	0:00	B	OK	300	7.50	0.115	0.032	0.122	25342	2.715	217.7	4.5
4/22/99	0:05	A	OK	300	7.50	0.115	0.023	0.122	24954	2.616	219.8	4.2
4/22/99	0:10	B	OK	300	7.50	0.115	0.024	0.122	24989	2.678	211.6	4.3
4/22/99	0:15	A	OK	300	7.50	0.115	0.018	0.122	24868	2.607	220.2	4.5
4/22/99	0:20	B	OK	300	7.50	0.115	0.020	0.122	24286	2.602	214.4	5.0
4/22/99	0:25	A	OK	300	7.50	0.115	0.030	0.122	24011	2.517	215.2	5.0
4/22/99	0:30	B	OK	300	7.50	0.115	0.024	0.121	23372	2.504	216.2	5.3
4/22/99	0:35	A	OK	300	7.50	0.115	0.022	0.122	24070	2.523	214.3	5.0
4/22/99	0:40	B	OK	300	7.50	0.115	0.024	0.121	23390	2.506	209.5	5.1
4/22/99	0:45	A	OK	300	7.50	0.115	0.024	0.122	23391	2.452	211.9	5.1
4/22/99	0:50	B	OK	300	7.50	0.115	0.028	0.121	22592	2.421	211.2	4.5
4/22/99	0:55	A	OK	300	7.50	0.115	0.019	0.121	22852	2.395	215.3	5.5
4/22/99	1:00	B	OK	300	7.50	0.115	0.022	0.121	21984	2.356	209.6	5.3
4/22/99	1:05	A	OK	300	7.50	0.115	0.020	0.121	22161	2.323	211.6	4.5
4/22/99	1:10	B	OK	300	7.50	0.115	0.024	0.121	22031	2.361	213.1	4.9
4/22/99	1:15	A	OK	300	7.50	0.115	0.025	0.121	22707	2.380	215.2	4.9
4/22/99	1:20	B	OK	300	7.50	0.115	0.019	0.121	22204	2.379	217.9	4.2
4/22/99	1:25	A	OK	300	7.50	0.115	0.023	0.121	22889	2.399	218.7	4.7
4/22/99	1:30	B	OK	300	7.50	0.115	0.020	0.121	22609	2.423	218.3	4.8
4/22/99	1:35	A	OK	300	7.50	0.115	0.021	0.121	23240	2.436	216.4	5.6
4/22/99	1:40	B	OK	300	7.50	0.115	0.022	0.121	22031	2.361	212.1	6.3
4/22/99	1:45	A	OK	300	7.49	0.115	0.025	0.121	22370	2.346	206.1	6.7
4/22/99	1:50	B	OK	300	7.50	0.115	0.023	0.121	22109	2.369	215.5	5.4
4/22/99	1:55	A	OK	300	7.50	0.115	0.017	0.121	22397	2.348	217.6	5.4
4/22/99	2:00	B	OK	300	7.50	0.115	0.021	0.121	21597	2.314	207.5	6.6
4/22/99	2:05	A	OK	300	7.50	0.115	0.026	0.121	21977	2.304	209.6	6.2
4/22/99	2:10	B	OK	300	7.50	0.115	0.019	0.121	21373	2.290	213.8	5.9
4/22/99	2:15	A	OK	300	7.50	0.115	0.020	0.121	21892	2.295	208.8	6.6
4/22/99	2:20	B	OK	300	7.50	0.115	0.021	0.121	21814	2.337	211.4	6.5
4/22/99	2:25	A	OK	300	7.50	0.115	0.020	0.121	21312	2.234	209.4	6.0
4/22/99	2:30	B	OK	300	7.50	0.115	0.019	0.121	21561	2.310	215.0	6.1
4/22/99	2:35	A	OK	300	7.50	0.115	0.022	0.121	20384	2.137	211.0	5.9
4/22/99	2:40	B	OK	300	7.50	0.115	0.025	0.121	21459	2.299	214.0	7.0
4/22/99	2:45	A	OK	300	7.50	0.115	0.021	0.121	21628	2.267	206.6	5.6
4/22/99	2:50	B	OK	300	7.50	0.115	0.023	0.121	21493	2.303	209.6	5.5
4/22/99	2:55	A	OK	300	7.50	0.115	0.027	0.121	22030	2.309	213.2	5.3
4/22/99	3:00	B	OK	300	7.50	0.115	0.029	0.121	21983	2.356	224.9	4.1
4/22/99	3:05	A	OK	300	7.50	0.115	0.021	0.121	23213	2.433	221.7	3.3
4/22/99	3:10	B	OK	300	7.50	0.115	0.023	0.121	23230	2.489	222.4	3.6
4/22/99	3:15	A	OK	300	7.50	0.115	0.027	0.122	24288	2.546	219.2	3.4
4/22/99	3:20	B	OK	300	7.50	0.115	0.027	0.122	23930	2.564	223.1	2.7
4/22/99	3:25	A	OK	300	7.50	0.115	0.026	0.122	24619	2.581	222.3	2.7
4/22/99	3:30	B	OK	300	7.50	0.115	0.020	0.122	25084	2.688	213.3	3.0
4/22/99	3:35	A	OK	300	7.49	0.115	0.025	0.122	25566	2.681	215.9	3.8
4/22/99	3:40	B	OK	300	7.50	0.115	0.031	0.122	25391	2.721	230.6	3.3
4/22/99	3:45	A	OK	300	7.50	0.115	0.021	0.122	26932	2.823	223.5	2.3
4/22/99	3:50	B	OK	300	7.50	0.115	0.029	0.122	26149	2.802	217.0	3.1
4/22/99	3:55	A	OK	300	7.50	0.115	0.037	0.123	27264	2.858	216.5	3.5
4/22/99	4:00	B	OK	300	7.50	0.115	0.023	0.123	26681	2.859	227.4	2.2
4/22/99	4:05	A	OK	300	7.50	0.115	0.019	0.123	28058	2.941	224.8	3.1
4/22/99	4:10	B	OK	300	7.50	0.115	0.021	0.123	27013	2.895	221.8	3.2

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/22/99	4:15	A	OK	300	7.50	0.115	0.024	0.123	27248	2.856	235.4	2.3
4/22/99	4:20	B	OK	300	7.50	0.115	0.026	0.123	26648	2.855	213.2	2.0
4/22/99	4:25	A	OK	300	7.50	0.115	0.018	0.123	27381	2.870	216.8	3.6
4/22/99	4:30	B	OK	300	7.50	0.115	0.023	0.122	26020	2.788	217.8	3.6
4/22/99	4:35	A	OK	300	7.50	0.115	0.022	0.123	25565	2.680	219.1	3.8
4/22/99	4:40	B	OK	300	7.50	0.115	0.021	0.122	25450	2.727	229.2	2.9
4/22/99	4:45	A	OK	300	7.50	0.115	0.021	0.123	26505	2.778	241.9	2.1
4/22/99	4:50	B	OK	300	7.50	0.115	0.028	0.123	26560	2.846	309.6	1.4
4/22/99	4:55	A	OK	300	7.50	0.115	0.022	0.123	28035	2.939	261.0	1.6
4/22/99	5:00	B	OK	300	7.50	0.115	0.028	0.123	28993	3.107	236.9	1.4
4/22/99	5:05	A	OK	300	7.50	0.115	0.025	0.124	27533	2.886	241.1	2.1
4/22/99	5:10	B	OK	300	7.50	0.115	0.025	0.123	28514	3.055	212.1	1.8
4/22/99	5:15	A	OK	300	7.50	0.115	0.022	0.124	28999	3.040	229.3	2.0
4/22/99	5:20	B	OK	300	7.50	0.115	0.028	0.123	28016	3.002	280.1	1.7
4/22/99	5:25	A	OK	300	7.50	0.116	0.028	0.123	28473	2.985	219.9	2.3
4/22/99	5:30	B	OK	300	7.50	0.115	0.022	0.123	27674	2.966	285.6	1.4
4/22/99	5:35	A	OK	300	7.50	0.115	0.020	0.123	27294	2.861	225.9	1.8
4/22/99	5:40	B	OK	300	7.50	0.115	0.026	0.123	28019	3.002	234.7	1.9
4/22/99	5:45	A	OK	300	7.50	0.116	0.025	0.123	28542	2.992	252.0	1.6
4/22/99	5:50	B	OK	300	7.50	0.116	0.026	0.123	28289	3.031	201.6	1.1
4/22/99	5:55	A	OK	300	7.50	0.116	0.027	0.124	28191	2.955	219.6	2.0
4/22/99	6:00	B	OK	300	7.50	0.116	0.022	0.123	27904	2.990	305.4	1.4
4/22/99	6:05	A	OK	300	7.50	0.116	0.018	0.123	26267	2.754	259.4	1.6
4/22/99	6:10	B	OK	300	7.50	0.116	0.022	0.123	26406	2.830	234.3	1.2
4/22/99	6:15	A	OK	300	7.50	0.116	0.022	0.123	27436	2.876	232.8	1.9
4/22/99	6:20	B	OK	300	7.50	0.116	0.026	0.123	25824	2.767	222.3	1.3
4/22/99	6:25	A	OK	300	7.50	0.116	0.023	0.123	26264	2.753	214.9	2.1
4/22/99	6:30	B	OK	300	7.50	0.116	0.025	0.123	24992	2.678	216.3	3.5
4/22/99	6:35	A	OK	300	7.50	0.116	0.018	0.123	25004	2.621	233.7	2.7
4/22/99	6:40	B	OK	300	7.50	0.116	0.026	0.123	25086	2.688	225.3	2.5
4/22/99	6:45	A	OK	300	7.50	0.116	0.017	0.123	26356	2.763	227.2	2.2
4/22/99	6:50	B	OK	300	7.50	0.116	0.021	0.123	25716	2.756	228.9	2.4
4/22/99	6:55	A	OK	300	7.50	0.116	0.027	0.123	27102	2.841	219.8	2.8
4/22/99	7:00	B	OK	300	7.50	0.116	0.024	0.123	27257	2.921	213.2	3.4
4/22/99	7:05	A	OK	300	7.50	0.116	0.020	0.123	27341	2.866	209.9	4.7
4/22/99	7:10	B	OK	300	7.50	0.116	0.022	0.123	26393	2.828	220.2	4.0
4/22/99	7:15	A	OK	300	7.50	0.116	0.019	0.123	26551	2.783	218.0	3.9
4/22/99	7:20	B	OK	300	7.50	0.116	0.022	0.123	27367	2.932	219.6	3.8
4/22/99	7:25	A	OK	300	7.50	0.116	0.022	0.124	29413	3.083	227.4	3.4
4/22/99	7:30	B	OK	300	7.50	0.116	0.019	0.124	29955	3.211	246.9	1.8
4/22/99	7:35	A	OK	300	7.50	0.116	0.023	0.125	32266	3.382	264.8	1.8
4/22/99	7:40	B	OK	300	7.50	0.116	0.022	0.125	34343	3.680	265.9	2.0
4/22/99	7:45	A	OK	300	7.50	0.116	0.024	0.125	32999	3.459	230.4	3.0
4/22/99	7:50	B	OK	300	7.50	0.116	0.025	0.125	33369	3.576	231.9	3.5
4/22/99	7:55	A	OK	300	7.50	0.116	0.022	0.125	35022	3.671	226.8	3.9
4/22/99	8:00	B	OK	300	7.50	0.115	0.021	0.125	35462	3.800	227.4	3.7
4/22/99	8:05	A	OK	300	7.50	0.115	0.026	0.126	37077	3.887	233.4	3.7
4/22/99	8:10	B	OK	300	7.50	0.115	0.019	0.126	38274	4.101	222.3	2.5
4/22/99	8:15	A	OK	300	7.50	0.115	0.020	0.126	39360	4.126	249.7	3.6
4/22/99	8:20	B	OK	300	7.50	0.115	0.019	0.126	39499	4.232	245.8	3.5
4/22/99	8:25	A	OK	300	7.50	0.115	0.018	0.127	41176	4.316	245.0	2.7
4/22/99	8:30	B	OK	300	7.50	0.115	0.021	0.126	41640	4.462	253.9	3.0
4/22/99	8:35	A	OK	300	7.50	0.115	0.026	0.127	41761	4.378	237.0	3.5
4/22/99	8:40	B	OK	300	7.50	0.115	0.025	0.126	41274	4.423	232.5	4.0

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/22/99	8:45	A	OK	300	7.50	0.115	0.024	0.127	42354	4.440	231.0	5.0
4/22/99	8:50	B	OK	300	7.50	0.115	0.020	0.127	42651	4.570	234.8	3.5
4/22/99	8:55	A	OK	300	7.50	0.115	0.019	0.127	43588	4.569	248.7	3.5
4/22/99	9:00	B	OK	300	7.50	0.115	0.021	0.127	43430	4.654	264.1	3.5
4/22/99	9:05	A	OK	300	7.50	0.115	0.022	0.127	45133	4.731	233.6	2.6
4/22/99	9:10	B	OK	300	7.50	0.115	0.030	0.127	45076	4.830	252.6	3.2
4/22/99	9:15	A	OK	300	7.50	0.115	0.020	0.127	44376	4.652	231.6	3.8
4/22/99	9:20	B	OK	300	7.50	0.115	0.020	0.127	43658	4.680	229.7	4.7
4/22/99	9:25	A	OK	300	7.50	0.115	0.026	0.127	44597	4.675	233.8	4.6
4/22/99	9:30	B	OK	300	7.50	0.115	0.022	0.127	44812	4.802	234.6	3.9
4/22/99	9:35	A	OK	300	7.50	0.115	0.018	0.128	46769	4.903	219.5	3.5
4/22/99	9:40	B	OK	300	7.50	0.115	0.028	0.127	44445	4.762	245.8	3.9
4/22/99	9:45	A	OK	300	7.50	0.115	0.021	0.127	46291	4.853	234.8	4.1
4/22/99	9:50	B	OK	300	7.50	0.115	0.019	0.127	46850	5.020	270.1	3.9
4/22/99	9:55	A	OK	300	7.50	0.115	0.022	0.127	47380	4.967	228.1	3.1
4/22/99	10:00	B	OK	300	7.50	0.115	0.016	0.127	46281	4.959	238.6	4.8
4/22/99	10:05	A	OK	300	7.50	0.115	0.021	0.127	45401	4.759	237.4	4.4
4/22/99	10:10	B	OK	300	7.50	0.115	0.023	0.127	44917	4.813	265.2	4.4
4/22/99	10:15	A	OK	300	7.50	0.114	0.022	0.127	46801	4.906	265.5	3.2
4/22/99	10:20	B	OK	300	7.50	0.114	0.021	0.127	46434	4.976	261.6	3.7
4/22/99	10:25	A	OK	300	7.50	0.114	0.019	0.127	46027	4.825	234.4	4.7
4/22/99	10:30	B	OK	300	7.50	0.114	0.020	0.127	46184	4.949	240.2	4.0
4/22/99	10:35	A	OK	300	7.50	0.114	0.024	0.127	46821	4.908	280.2	4.0
4/22/99	10:40	B	OK	300	7.50	0.114	0.024	0.127	47256	5.064	233.7	3.1
4/22/99	10:45	A	OK	300	7.50	0.114	0.020	0.127	45175	4.736	217.5	5.6
4/22/99	10:50	B	OK	300	7.50	0.114	0.021	0.126	44601	4.779	220.0	5.0
4/22/99	10:55	A	OK	300	7.50	0.114	0.023	0.127	45548	4.775	244.6	4.9
4/22/99	11:00	B	OK	300	7.50	0.114	0.018	0.126	45167	4.840	216.1	7.1
4/22/99	11:05	A	OK	300	7.50	0.114	0.024	0.127	45575	4.778	230.9	5.7
4/22/99	11:10	B	OK	300	7.50	0.114	0.023	0.126	44151	4.731	254.2	5.1
4/22/99	11:15	A	OK	300	7.49	0.114	0.016	0.126	45527	4.774	229.1	4.5
4/22/99	11:20	B	OK	300	7.50	0.114	0.025	0.126	44036	4.719	234.2	5.6
4/22/99	11:25	A	OK	300	7.50	0.114	0.018	0.126	45275	4.746	228.8	5.1
4/22/99	11:30	B	OK	300	7.50	0.114	0.023	0.125	42233	4.525	225.5	7.2
4/22/99	11:35	A	OK	300	7.50	0.114	0.023	0.126	44664	4.682	236.0	4.8
4/22/99	11:40	B	OK	300	7.50	0.114	0.021	0.126	44442	4.762	231.0	5.8
4/22/99	11:45	A	OK	300	7.50	0.114	0.021	0.126	44398	4.654	239.0	4.6
4/22/99	11:50	B	OK	300	7.50	0.114	0.022	0.126	43999	4.715	237.6	6.5
4/22/99	11:55	A	OK	300	7.50	0.114	0.022	0.126	43151	4.523	220.5	7.3
4/22/99	12:00	B	OK	300	7.50	0.114	0.024	0.126	44480	4.766	226.8	5.6
4/22/99	12:05	A	OK	300	7.50	0.114	0.026	0.126	44000	4.612	233.6	7.6
4/22/99	12:10	B	OK	300	7.50	0.114	0.020	0.126	45487	4.874	278.5	5.4
4/22/99	12:15	A	OK	300	7.50	0.114	0.019	0.126	45427	4.762	260.2	6.9
4/22/99	12:20	B	OK	300	7.50	0.114	0.017	0.126	45599	4.886	236.1	4.3
4/22/99	12:25	A	OK	300	7.50	0.114	0.019	0.126	45330	4.752	226.4	9.2
4/22/99	12:30	B	OK	300	7.50	0.114	0.022	0.126	43668	4.679	223.9	9.6
4/22/99	12:35	A	OK	300	7.50	0.114	0.019	0.126	43557	4.566	240.2	8.4
4/22/99	12:40	B	OK	300	7.50	0.114	0.018	0.126	44439	4.762	228.2	6.2
4/22/99	12:45	A	OK	300	7.50	0.114	0.019	0.126	44249	4.639	238.4	7.2
4/22/99	12:50	B	OK	300	7.50	0.114	0.026	0.126	44121	4.728	274.6	7.0
4/22/99	12:55	A	OK	300	7.50	0.114	0.025	0.130	61679	6.466	265.1	7.1
4/22/99	13:00	B	OK	300	7.50	0.114	0.027	0.127	48227	5.168	249.4	6.2
4/22/99	13:05	A	OK	300	7.49	0.114	0.021	0.126	45341	4.755	262.5	6.3
4/22/99	13:45	A	OK	300	7.47	0.114	0.020	0.129	57469	6.109	230.0	6.7

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/22/99	13:50	B	OK	300	7.50	0.114	0.021	0.125	43041	4.688	210.3	11.7
4/22/99	13:55	A	OK	300	7.50	0.114	0.023	0.126	43967	4.658	239.0	7.1
4/22/99	14:00	B	OK	300	7.50	0.114	0.021	0.125	44143	4.809	237.1	6.8
4/22/99	14:05	A	OK	300	7.50	0.114	0.021	0.126	46059	4.880	233.0	7.8
4/22/99	14:10	B	OK	300	7.50	0.114	0.026	0.125	45376	4.943	276.2	5.9
4/22/99	14:15	A	OK	300	7.50	0.114	0.022	0.125	42170	4.468	216.6	7.4
4/22/99	14:20	B	OK	300	7.50	0.114	0.021	0.125	40966	4.463	236.7	7.4
4/22/99	14:25	A	OK	300	7.50	0.114	0.023	0.126	44188	4.682	222.4	11.5
4/22/99	14:30	B	OK	300	7.50	0.114	0.020	0.125	43664	4.757	249.5	7.2
4/22/99	14:35	A	OK	300	7.50	0.114	0.021	0.126	44910	4.758	224.7	10.1
4/22/99	14:40	B	OK	300	7.50	0.114	0.021	0.124	41115	4.479	210.3	11.3
4/22/99	14:45	A	OK	300	7.50	0.114	0.022	0.126	43912	4.652	227.0	7.6
4/22/99	14:50	B	OK	300	7.50	0.114	0.018	0.125	44319	4.828	209.8	10.9
4/22/99	14:55	A	OK	300	7.50	0.114	0.022	0.126	44324	4.696	231.1	8.2
4/22/99	15:00	B	OK	300	7.50	0.114	0.016	0.125	44557	4.855	247.6	8.6
4/22/99	15:05	A	OK	300	7.50	0.114	0.023	0.125	43250	4.582	216.8	9.4
4/22/99	15:10	B	OK	300	7.50	0.114	0.019	0.125	44048	4.798	212.6	6.6
4/22/99	15:15	A	OK	300	7.50	0.114	0.025	0.126	44698	4.736	218.6	9.0
4/22/99	15:20	B	OK	300	7.50	0.114	0.018	0.125	41893	4.564	233.8	7.7
4/22/99	15:25	A	OK	300	7.50	0.114	0.019	0.125	43330	4.591	217.7	8.5
4/22/99	15:30	B	OK	300	7.50	0.114	0.019	0.124	40174	4.376	225.6	8.2
4/22/99	15:35	A	OK	300	7.50	0.114	0.019	0.125	42407	4.493	212.7	9.6
4/22/99	15:40	B	OK	300	7.50	0.114	0.022	0.124	40391	4.400	222.5	10.6
4/22/99	15:45	A	OK	300	7.50	0.114	0.020	0.125	41349	4.381	202.4	11.8
4/22/99	15:50	B	OK	300	7.50	0.114	0.018	0.124	38971	4.245	221.9	11.5
4/22/99	15:55	A	OK	300	7.50	0.114	0.020	0.124	38874	4.119	226.0	7.8
4/22/99	16:00	B	OK	300	7.50	0.114	0.025	0.123	33446	3.643	221.3	8.6
4/22/99	16:05	A	OK	300	7.50	0.114	0.019	0.124	37465	3.969	212.6	7.7
4/22/99	16:10	B	OK	300	7.50	0.114	0.020	0.123	37414	4.076	246.5	7.6
4/22/99	16:15	A	OK	300	7.50	0.114	0.024	0.124	38739	4.104	241.4	6.1
4/22/99	16:20	B	OK	300	7.50	0.114	0.018	0.124	37834	4.121	232.7	7.3
4/22/99	16:25	A	OK	300	7.50	0.114	0.026	0.124	38630	4.093	228.7	8.2
4/22/99	16:30	B	OK	300	7.50	0.114	0.020	0.123	37631	4.099	231.2	7.0
4/22/99	16:35	A	OK	300	7.50	0.114	0.022	0.123	37023	3.923	212.3	10.0
4/22/99	16:40	B	OK	300	7.50	0.114	0.022	0.123	35717	3.891	214.1	9.1
4/22/99	16:45	A	OK	300	7.50	0.114	0.023	0.123	35940	3.808	223.4	6.6
4/22/99	16:50	B	OK	300	7.50	0.114	0.026	0.122	31559	3.439	231.5	11.1
4/22/99	16:55	A	OK	300	7.50	0.114	0.022	0.122	29707	3.148	221.0	10.5
4/22/99	17:00	B	OK	300	7.50	0.114	0.021	0.121	28661	3.122	214.6	9.8
4/22/99	17:05	A	OK	300	7.50	0.114	0.024	0.122	28988	3.071	214.1	5.4
4/22/99	17:10	B	OK	300	7.50	0.114	0.019	0.122	30053	3.274	222.4	3.9
4/22/99	17:15	A	OK	300	7.50	0.114	0.020	0.122	30626	3.245	222.0	6.5
4/22/99	17:20	B	OK	300	7.50	0.114	0.019	0.122	28539	3.109	218.6	7.7
4/22/99	17:25	A	OK	300	7.50	0.114	0.025	0.123	32700	3.465	218.5	5.1
4/22/99	17:30	B	OK	300	7.50	0.114	0.022	0.122	31078	3.385	222.6	10.2
4/22/99	17:35	A	OK	300	7.50	0.114	0.023	0.122	30367	3.217	220.9	7.3
4/22/99	17:40	B	OK	300	7.50	0.114	0.025	0.122	28932	3.152	221.5	8.6
4/22/99	17:45	A	OK	300	7.50	0.114	0.019	0.122	29596	3.136	213.9	6.6
4/22/99	17:50	B	OK	300	7.50	0.114	0.023	0.121	28063	3.057	214.5	8.2
4/22/99	17:55	A	OK	300	7.50	0.114	0.022	0.121	28037	2.971	212.2	8.6
4/22/99	18:00	B	OK	300	7.50	0.114	0.024	0.121	27440	2.989	206.2	7.4
4/22/99	18:05	A	OK	300	7.50	0.114	0.021	0.121	27887	2.955	212.2	7.6
4/22/99	18:10	B	OK	300	7.50	0.114	0.023	0.121	27173	2.960	213.4	6.1
4/22/99	18:15	A	OK	300	7.50	0.114	0.024	0.121	27353	2.898	211.5	7.2

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/22/99	18:20	B	OK	300	7.50	0.114	0.021	0.121	26584	2.896	210.4	5.8
4/22/99	18:25	A	OK	300	7.50	0.114	0.027	0.121	27061	2.867	216.9	6.1
4/22/99	18:30	B	OK	300	7.50	0.114	0.020	0.121	26923	2.933	214.5	5.2
4/22/99	18:35	A	OK	300	7.50	0.114	0.020	0.121	26684	2.827	216.1	7.5
4/22/99	18:40	B	OK	300	7.50	0.114	0.024	0.121	25993	2.831	215.8	6.2
4/22/99	18:45	A	OK	300	7.49	0.114	0.026	0.121	26120	2.768	217.6	7.6
4/22/99	18:50	B	OK	300	7.50	0.114	0.022	0.121	25547	2.783	220.9	6.4
4/22/99	18:55	A	OK	300	7.50	0.114	0.024	0.121	25297	2.680	219.0	8.8
4/22/99	19:00	B	OK	300	7.50	0.114	0.020	0.120	24777	2.699	216.2	8.3
4/22/99	19:05	A	OK	300	7.50	0.114	0.024	0.121	24853	2.633	209.4	6.1
4/22/99	19:10	B	OK	300	7.50	0.114	0.022	0.121	24669	2.687	218.1	4.4
4/22/99	19:15	A	OK	300	7.50	0.114	0.018	0.121	24215	2.566	225.5	6.5
4/22/99	19:20	B	OK	300	7.50	0.114	0.023	0.120	23714	2.583	227.1	5.0
4/22/99	19:25	A	OK	300	7.50	0.114	0.021	0.120	22670	2.402	236.0	5.5
4/22/99	19:30	B	OK	300	7.50	0.114	0.026	0.120	21615	2.355	237.4	3.6
4/22/99	19:35	A	OK	300	7.50	0.114	0.023	0.120	22061	2.337	224.4	4.6
4/22/99	19:40	B	OK	300	7.50	0.114	0.021	0.120	21802	2.375	222.2	4.7
4/22/99	19:45	A	OK	300	7.50	0.114	0.023	0.120	21426	2.270	221.2	3.4
4/22/99	19:50	B	OK	300	7.50	0.114	0.028	0.120	20767	2.262	227.5	4.1
4/22/99	19:55	A	OK	300	7.50	0.114	0.025	0.120	21463	2.274	222.4	3.5
4/22/99	20:00	B	OK	300	7.50	0.114	0.022	0.120	20652	2.250	229.1	2.7
4/22/99	20:05	A	OK	300	7.50	0.114	0.032	0.120	21200	2.246	225.6	2.6
4/22/99	20:10	B	OK	300	7.50	0.114	0.027	0.120	21321	2.323	226.2	3.0
4/22/99	20:15	A	OK	300	7.50	0.114	0.019	0.120	20733	2.197	232.4	2.5
4/22/99	20:20	B	OK	300	7.50	0.114	0.025	0.120	20699	2.255	303.4	1.4
4/22/99	20:25	A	OK	300	7.50	0.115	0.022	0.120	20473	2.169	281.3	1.0
4/22/99	20:30	B	OK	300	7.50	0.115	0.021	0.120	19948	2.173	215.8	0.8
4/22/99	20:35	A	OK	300	7.49	0.115	0.021	0.120	20444	2.167	222.1	0.8
4/22/99	20:40	B	OK	300	7.50	0.115	0.020	0.120	19717	2.148	224.8	0.9
4/22/99	20:45	A	OK	300	7.50	0.115	0.023	0.120	20788	2.203	218.1	0.9
4/22/99	20:50	B	OK	300	7.50	0.115	0.024	0.120	20626	2.247	213.4	1.5
4/22/99	20:55	A	OK	300	7.50	0.115	0.021	0.121	20711	2.194	229.5	1.9
4/22/99	21:00	B	OK	300	7.50	0.115	0.026	0.120	20402	2.222	222.1	1.9
4/22/99	21:05	A	OK	300	7.50	0.115	0.021	0.120	21085	2.234	223.7	2.0
4/22/99	21:10	B	OK	300	7.50	0.115	0.027	0.120	20798	2.266	229.1	1.8
4/22/99	21:15	A	OK	300	7.50	0.115	0.022	0.121	20288	2.150	213.5	2.6
4/22/99	21:20	B	OK	300	7.50	0.115	0.018	0.120	19569	2.132	218.3	2.7
4/22/99	21:25	A	OK	300	7.50	0.115	0.018	0.120	20631	2.186	214.9	3.0
4/22/99	21:30	B	OK	300	7.50	0.115	0.020	0.120	20106	2.190	216.3	3.3
4/22/99	21:35	A	OK	300	7.50	0.115	0.020	0.121	20922	2.217	216.3	3.5
4/22/99	21:40	B	OK	300	7.50	0.115	0.021	0.120	19951	2.173	214.7	4.0
4/22/99	21:45	A	OK	300	7.50	0.115	0.023	0.120	21656	2.294	214.0	3.7
4/22/99	21:50	B	OK	300	7.50	0.115	0.022	0.120	20586	2.243	216.2	2.9
4/22/99	21:55	A	OK	300	7.50	0.115	0.023	0.121	19893	2.108	216.3	2.6
4/22/99	22:00	B	OK	300	7.50	0.115	0.028	0.120	20572	2.241	217.6	2.8
4/22/99	22:05	A	OK	300	7.50	0.115	0.020	0.121	19898	2.108	218.1	2.5
4/22/99	22:10	B	OK	300	7.50	0.115	0.026	0.120	20595	2.243	207.4	3.3
4/22/99	22:15	A	OK	300	7.50	0.115	0.020	0.120	20495	2.171	207.3	3.8
4/22/99	22:20	B	OK	300	7.50	0.115	0.028	0.120	20086	2.188	214.1	4.1
4/22/99	22:25	A	OK	300	7.50	0.115	0.024	0.121	20353	2.156	212.3	4.2
4/22/99	22:30	B	OK	300	7.50	0.115	0.021	0.120	20924	2.280	212.2	3.7
4/22/99	22:35	A	OK	300	7.50	0.115	0.025	0.121	20416	2.163	213.7	4.0
4/22/99	22:40	B	OK	300	7.50	0.115	0.024	0.120	20373	2.219	212.9	4.1
4/22/99	22:45	A	OK	300	7.50	0.115	0.023	0.121	20744	2.198	221.3	3.5

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/22/99	22:50	B	OK	300	7.50	0.115	0.021	0.120	21394	2.330	219.1	3.3
4/22/99	22:55	A	OK	300	7.50	0.115	0.023	0.121	21285	2.255	217.9	3.9
4/22/99	23:00	B	OK	300	7.50	0.115	0.023	0.121	20552	2.239	217.6	4.1
4/22/99	23:05	A	OK	300	7.50	0.115	0.026	0.121	21525	2.281	220.7	2.9
4/22/99	23:10	B	OK	300	7.50	0.115	0.026	0.120	21671	2.361	224.5	3.8
4/22/99	23:15	A	OK	300	7.50	0.115	0.020	0.121	21466	2.274	227.0	3.8
4/22/99	23:20	B	OK	300	7.50	0.115	0.028	0.121	21232	2.313	217.7	4.4
4/22/99	23:25	A	OK	300	7.50	0.115	0.022	0.121	21443	2.272	215.0	3.9
4/22/99	23:30	B	OK	300	7.50	0.115	0.021	0.121	21048	2.293	216.5	4.2
4/22/99	23:35	A	OK	300	7.50	0.115	0.023	0.121	22017	2.333	213.8	3.8
4/22/99	23:40	B	OK	300	7.50	0.115	0.020	0.121	21846	2.380	197.3	4.4
4/22/99	23:45	A	OK	300	7.50	0.115	0.023	0.121	23713	2.512	196.1	4.9
4/22/99	23:50	B	OK	300	7.50	0.115	0.026	0.121	24309	2.648	184.8	6.2
4/22/99	23:55	A	OK	300	7.50	0.115	0.024	0.122	27007	2.861	192.7	6.0
4/23/99	0:00	B	OK	300	7.50	0.115	0.024	0.122	25763	2.806	185.1	5.7
4/23/99	0:05	A	OK	300	7.50	0.115	0.022	0.122	24745	2.622	195.8	6.2
4/23/99	0:10	B	OK	300	7.50	0.115	0.019	0.121	23682	2.580	197.4	6.8
4/23/99	0:15	A	OK	300	7.50	0.115	0.020	0.121	23566	2.497	202.2	7.0
4/23/99	0:20	B	OK	300	7.50	0.115	0.023	0.121	22642	2.466	200.6	7.2
4/23/99	0:25	A	OK	300	7.49	0.115	0.023	0.121	21254	2.253	208.5	6.0
4/23/99	0:30	B	OK	300	7.50	0.115	0.023	0.121	22880	2.492	207.8	7.1
4/23/99	0:35	A	OK	300	7.50	0.115	0.021	0.121	22154	2.347	209.6	6.6
4/23/99	0:40	B	OK	300	7.50	0.115	0.019	0.121	22192	2.417	215.2	7.7
4/23/99	0:45	A	OK	300	7.50	0.115	0.022	0.121	21996	2.330	210.0	7.7
4/23/99	0:50	B	OK	300	7.50	0.115	0.020	0.121	22169	2.415	205.1	8.4
4/23/99	0:55	A	OK	300	7.50	0.115	0.023	0.121	22501	2.384	211.4	6.9
4/23/99	1:00	B	OK	300	7.50	0.115	0.023	0.121	22144	2.412	208.1	7.8
4/23/99	1:05	A	OK	300	7.50	0.115	0.022	0.121	22158	2.348	207.1	7.7
4/23/99	1:10	B	OK	300	7.50	0.115	0.021	0.121	21913	2.387	202.0	7.1
4/23/99	1:15	A	OK	300	7.50	0.115	0.018	0.121	22341	2.367	198.5	7.4
4/23/99	1:20	B	OK	300	7.50	0.115	0.018	0.121	21918	2.388	205.7	6.3
4/23/99	1:25	A	OK	300	7.50	0.115	0.024	0.121	22164	2.348	209.2	7.7
4/23/99	1:30	B	OK	300	7.50	0.115	0.022	0.121	21495	2.342	201.4	7.2
4/23/99	1:35	A	OK	300	7.50	0.115	0.025	0.121	22570	2.391	201.8	7.1
4/23/99	1:40	B	OK	300	7.50	0.115	0.024	0.121	21253	2.315	210.2	7.3
4/23/99	1:45	A	OK	300	7.50	0.115	0.031	0.121	21693	2.298	210.8	8.5
4/23/99	1:50	B	OK	300	7.50	0.115	0.022	0.120	21665	2.360	211.0	8.1
4/23/99	1:55	A	OK	300	7.50	0.115	0.029	0.121	20875	2.212	208.7	7.4
4/23/99	2:00	B	OK	300	7.50	0.115	0.027	0.120	20313	2.213	204.9	7.8
4/23/99	2:05	A	OK	300	7.50	0.115	0.021	0.121	21679	2.297	209.1	8.0
4/23/99	2:10	B	OK	300	7.50	0.115	0.029	0.120	20575	2.241	209.2	9.0
4/23/99	2:15	A	OK	300	7.50	0.115	0.020	0.121	20722	2.195	209.2	8.6
4/23/99	2:20	B	OK	300	7.50	0.115	0.020	0.120	19089	2.080	215.5	8.4
4/23/99	2:25	A	OK	300	7.50	0.115	0.016	0.120	19482	2.064	212.3	7.9
4/23/99	2:30	B	OK	300	7.50	0.115	0.024	0.120	20037	2.183	210.4	9.3
4/23/99	2:35	A	OK	300	7.50	0.115	0.022	0.120	19857	2.104	211.5	9.4
4/23/99	2:40	B	OK	300	7.50	0.115	0.023	0.120	19842	2.161	212.6	9.2
4/23/99	2:45	A	OK	300	7.50	0.115	0.032	0.120	18883	2.001	211.8	8.6
4/23/99	2:50	B	OK	300	7.50	0.115	0.021	0.120	18880	2.057	216.5	9.2
4/23/99	2:55	A	OK	300	7.50	0.115	0.021	0.120	19836	2.102	210.9	7.6
4/23/99	3:00	B	OK	300	7.50	0.115	0.028	0.120	19453	2.119	211.3	8.6
4/23/99	3:05	A	OK	300	7.50	0.115	0.019	0.120	19551	2.071	215.2	8.1
4/23/99	3:10	B	OK	300	7.50	0.115	0.025	0.120	18916	2.061	212.9	8.4
4/23/99	3:15	A	OK	300	7.50	0.115	0.026	0.120	19152	2.029	206.1	8.4

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/23/99	3:20	B	OK	300	7.50	0.115	0.022	0.120	18888	2.057	212.4	8.1
4/23/99	3:25	A	OK	300	7.50	0.115	0.017	0.120	17747	1.880	211.5	6.5
4/23/99	3:30	B	OK	300	7.50	0.115	0.027	0.120	19477	2.122	206.4	6.9
4/23/99	3:35	A	OK	300	7.50	0.115	0.019	0.120	17849	1.891	210.3	6.8
4/23/99	3:40	B	OK	300	7.50	0.115	0.023	0.120	18972	2.067	214.5	6.8
4/23/99	3:45	A	OK	300	7.50	0.115	0.027	0.120	19260	2.041	210.9	7.4
4/23/99	3:50	B	OK	300	7.50	0.115	0.020	0.120	18710	2.038	204.7	7.0
4/23/99	3:55	A	OK	300	7.50	0.115	0.023	0.120	18520	1.962	206.8	6.1
4/23/99	4:00	B	OK	300	7.50	0.115	0.021	0.120	18525	2.018	211.4	7.4
4/23/99	4:05	A	OK	300	7.50	0.115	0.021	0.120	18711	1.982	207.3	7.1
4/23/99	4:10	B	OK	300	7.50	0.115	0.019	0.120	18323	1.997	211.7	7.4
4/23/99	4:15	A	OK	300	7.50	0.115	0.024	0.120	17854	1.892	214.7	7.3
4/23/99	4:20	B	OK	300	7.50	0.115	0.029	0.120	18369	2.001	223.7	5.9
4/23/99	4:25	A	OK	300	7.50	0.115	0.026	0.120	18736	1.985	219.9	5.5
4/23/99	4:30	B	OK	300	7.50	0.115	0.020	0.120	18905	2.059	226.9	4.1
4/23/99	4:35	A	OK	300	7.50	0.115	0.021	0.120	18813	1.993	215.6	5.0
4/23/99	4:40	B	OK	300	7.50	0.115	0.029	0.120	18922	2.061	225.4	5.2
4/23/99	4:45	A	OK	300	7.50	0.115	0.017	0.120	19519	2.068	218.0	5.2
4/23/99	4:50	B	OK	300	7.50	0.115	0.026	0.120	18822	2.050	219.8	3.5
4/23/99	4:55	A	OK	300	7.50	0.115	0.018	0.120	18750	1.987	216.8	3.4
4/23/99	5:00	B	OK	300	7.50	0.115	0.023	0.120	18138	1.976	224.3	3.2
4/23/99	5:05	A	OK	300	7.50	0.115	0.025	0.120	19802	2.098	239.3	1.6
4/23/99	5:10	B	OK	300	7.50	0.115	0.024	0.120	19905	2.168	240.6	2.8
4/23/99	5:15	A	OK	300	7.50	0.115	0.026	0.121	19824	2.100	226.2	2.1
4/23/99	5:20	B	OK	300	7.50	0.115	0.024	0.120	19730	2.149	249.6	1.7
4/23/99	5:25	A	OK	300	7.50	0.115	0.024	0.121	20735	2.197	233.2	1.5
4/23/99	5:30	B	OK	300	7.50	0.115	0.022	0.121	20888	2.275	228.0	2.3
4/23/99	5:35	A	OK	300	7.50	0.115	0.022	0.121	21876	2.318	220.5	2.1
4/23/99	5:40	B	OK	300	7.50	0.115	0.023	0.121	21287	2.319	259.8	1.9
4/23/99	5:45	A	OK	300	7.50	0.115	0.025	0.121	22269	2.359	237.0	0.9
4/23/99	5:50	B	OK	300	7.50	0.115	0.027	0.121	22252	2.424	252.8	1.7
4/23/99	5:55	A	OK	300	7.50	0.115	0.030	0.122	22255	2.358	253.6	1.8
4/23/99	6:00	B	OK	300	7.50	0.115	0.022	0.121	22169	2.415	200.5	1.5
4/23/99	6:05	A	OK	300	7.49	0.115	0.026	0.122	22812	2.418	235.1	2.0
4/23/99	6:10	B	OK	300	7.50	0.115	0.022	0.121	22368	2.437	223.3	2.2
4/23/99	6:15	A	OK	300	7.50	0.115	0.030	0.122	23212	2.459	247.2	1.5
4/23/99	6:20	B	OK	300	7.50	0.115	0.024	0.121	22209	2.419	231.0	1.6
4/23/99	6:25	A	OK	300	7.50	0.115	0.023	0.121	21453	2.273	207.0	1.1
4/23/99	6:30	B	OK	300	7.50	0.115	0.024	0.121	21433	2.335	223.6	2.0
4/23/99	6:35	A	OK	300	7.50	0.115	0.018	0.121	21379	2.265	227.5	2.0
4/23/99	6:40	B	OK	300	7.50	0.115	0.026	0.121	21413	2.333	229.1	2.3
4/23/99	6:45	A	OK	300	7.50	0.115	0.017	0.121	22289	2.362	220.7	2.4
4/23/99	6:50	B	OK	300	7.50	0.115	0.027	0.121	21220	2.312	230.9	3.2
4/23/99	6:55	A	OK	300	7.50	0.115	0.021	0.121	22037	2.335	226.7	3.4
4/23/99	7:00	B	OK	300	7.50	0.115	0.024	0.121	20872	2.274	233.5	2.4
4/23/99	7:05	A	OK	300	7.50	0.115	0.022	0.121	21275	2.254	235.7	2.2
4/23/99	7:10	B	OK	300	7.50	0.115	0.023	0.121	21499	2.342	246.9	2.4
4/23/99	7:15	A	OK	300	7.50	0.115	0.027	0.122	21932	2.324	241.6	2.0
4/23/99	7:20	B	OK	300	7.50	0.115	0.020	0.122	23447	2.554	224.1	1.6
4/23/99	7:25	A	OK	300	7.50	0.115	0.021	0.122	23682	2.509	224.0	1.7
4/23/99	7:30	B	OK	300	7.50	0.115	0.029	0.122	23502	2.560	225.2	2.3
4/23/99	7:35	A	OK	300	7.50	0.115	0.021	0.122	24399	2.585	231.1	2.3
4/23/99	7:40	B	OK	300	7.50	0.115	0.022	0.122	24648	2.685	214.8	2.7
4/23/99	7:45	A	OK	300	7.50	0.115	0.021	0.122	25096	2.659	227.1	3.8

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/23/99	7:50	B	OK	300	7.50	0.115	0.020	0.122	25657	2.795	233.8	3.5
4/23/99	7:55	A	OK	300	7.50	0.115	0.019	0.123	27503	2.914	225.0	4.3
4/23/99	8:00	B	OK	300	7.50	0.115	0.029	0.122	27163	2.959	243.4	4.3
4/23/99	8:05	A	OK	300	7.49	0.115	0.022	0.123	27432	2.907	225.3	4.2
4/23/99	8:10	B	OK	300	7.50	0.115	0.021	0.123	27926	3.042	231.1	4.4
4/23/99	8:15	A	OK	300	7.50	0.115	0.019	0.122	26040	2.759	228.8	4.6
4/23/99	8:20	B	OK	300	7.50	0.115	0.020	0.122	28032	3.054	227.5	4.3
4/23/99	8:25	A	OK	300	7.50	0.115	0.027	0.123	28804	3.052	227.6	5.3
4/23/99	8:30	B	OK	300	7.50	0.115	0.020	0.123	30151	3.284	233.3	4.9
4/23/99	8:35	A	OK	300	7.50	0.115	0.020	0.123	30783	3.261	230.7	4.7
4/23/99	8:40	B	OK	300	7.50	0.115	0.022	0.123	31174	3.396	231.7	4.8
4/23/99	8:45	A	OK	300	7.50	0.115	0.025	0.124	31545	3.342	223.9	3.9
4/23/99	8:50	B	OK	300	7.50	0.115	0.018	0.123	30408	3.312	241.2	4.9
4/23/99	8:55	A	OK	300	7.50	0.115	0.021	0.123	29202	3.094	241.8	3.9
4/23/99	9:00	B	OK	300	7.50	0.115	0.022	0.123	31417	3.422	235.4	3.7
4/23/99	9:05	A	OK	300	7.50	0.115	0.021	0.124	32745	3.469	231.5	4.4
4/23/99	9:10	B	OK	300	7.50	0.115	0.020	0.124	34958	3.808	241.7	5.7
4/23/99	9:15	A	OK	300	7.50	0.115	0.020	0.125	37638	3.988	235.1	3.7
4/23/99	9:20	B	OK	300	7.50	0.115	0.023	0.125	36904	4.020	230.9	4.7
4/23/99	9:25	A	OK	300	7.50	0.115	0.022	0.125	36659	3.884	235.8	4.2
4/23/99	9:30	B	OK	300	7.50	0.115	0.022	0.124	36050	3.927	228.6	4.8
4/23/99	9:35	A	OK	300	7.50	0.115	0.022	0.125	37101	3.931	246.5	3.1
4/23/99	9:40	B	OK	300	7.50	0.115	0.020	0.124	35794	3.899	235.2	3.3
4/23/99	9:45	A	OK	300	7.50	0.115	0.020	0.125	36730	3.892	228.8	4.6
4/23/99	9:50	B	OK	300	7.50	0.115	0.019	0.125	37944	4.133	230.6	4.3
4/23/99	9:55	A	OK	300	7.49	0.114	0.020	0.125	39105	4.145	233.0	5.4
4/23/99	10:00	B	OK	300	7.50	0.114	0.022	0.125	39757	4.331	246.1	4.4
4/23/99	10:05	A	OK	300	7.50	0.114	0.020	0.125	39505	4.186	233.1	5.1
4/23/99	10:10	B	OK	300	7.50	0.114	0.029	0.125	40866	4.452	231.6	4.5
4/23/99	10:15	A	OK	300	7.50	0.114	0.020	0.125	40482	4.289	243.1	4.5
4/23/99	10:20	B	OK	300	7.50	0.114	0.021	0.125	38009	4.140	241.3	4.3
4/23/99	10:25	A	OK	300	7.50	0.114	0.022	0.125	37799	4.005	226.7	4.8
4/23/99	10:30	B	OK	300	7.50	0.114	0.020	0.124	35708	3.890	222.4	5.6
4/23/99	10:35	A	OK	300	7.50	0.114	0.020	0.124	38161	4.043	222.3	4.5
4/23/99	10:40	B	OK	300	7.50	0.114	0.021	0.124	37272	4.060	233.1	4.0
4/23/99	10:45	A	OK	300	7.50	0.114	0.021	0.125	39132	4.146	242.6	4.4
4/23/99	10:50	B	OK	300	7.50	0.114	0.021	0.125	38975	4.246	235.4	4.0
4/23/99	10:55	A	OK	300	7.50	0.114	0.023	0.125	40414	4.282	228.3	3.7
4/23/99	11:00	B	OK	300	7.50	0.114	0.021	0.125	39608	4.315	255.7	3.4
4/23/99	11:05	A	OK	300	7.50	0.114	0.021	0.125	41861	4.435	219.0	3.1
4/23/99	11:10	B	OK	300	7.50	0.114	0.020	0.125	43058	4.690	272.2	4.3
4/23/99	11:15	A	OK	300	7.50	0.114	0.019	0.125	40933	4.337	246.9	4.4
4/23/99	11:20	B	OK	300	7.50	0.114	0.020	0.125	43136	4.699	295.9	3.7
4/23/99	11:25	A	OK	300	7.50	0.114	0.020	0.125	42484	4.501	252.6	4.7
4/23/99	11:30	B	OK	300	7.50	0.114	0.021	0.125	41845	4.558	251.8	4.8
4/23/99	11:35	A	OK	300	7.50	0.114	0.023	0.125	41598	4.407	270.0	5.9
4/23/99	11:40	B	OK	300	7.50	0.114	0.022	0.125	40970	4.463	236.8	4.2
4/23/99	11:45	A	OK	300	7.50	0.114	0.020	0.124	38121	4.039	237.5	7.5
4/23/99	11:50	B	OK	300	7.50	0.114	0.030	0.124	38054	4.147	228.2	8.2
4/23/99	11:55	A	OK	300	7.50	0.114	0.024	0.125	39852	4.222	244.2	7.7
4/23/99	12:00	B	OK	300	7.50	0.114	0.021	0.124	39212	4.271	254.5	7.7
4/23/99	12:05	A	OK	300	7.50	0.114	0.018	0.125	39853	4.222	245.8	6.0
4/23/99	12:10	B	OK	300	7.50	0.114	0.019	0.124	40743	4.438	234.7	6.9
4/23/99	12:15	A	OK	300	7.50	0.114	0.019	0.125	40355	4.276	238.8	7.0

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/23/99	12:20	B	OK	300	7.50	0.114	0.020	0.123	37152	4.047	242.3	6.6
4/23/99	12:25	A	OK	300	7.50	0.114	0.019	0.124	38452	4.074	237.6	5.5
4/23/99	12:30	B	OK	300	7.50	0.114	0.021	0.123	36748	4.003	240.9	7.9
4/23/99	12:35	A	OK	300	7.50	0.114	0.022	0.123	36312	3.847	255.1	5.0
4/23/99	12:40	B	OK	300	7.50	0.114	0.016	0.123	34547	3.763	261.0	5.3
4/23/99	12:45	A	OK	300	7.50	0.114	0.022	0.124	37574	3.981	241.1	5.3
4/23/99	12:50	B	OK	300	7.50	0.114	0.019	0.125	42554	4.635	268.7	3.8
4/23/99	12:55	A	OK	300	7.50	0.114	0.023	0.125	40962	4.340	238.6	5.4
4/23/99	13:00	B	OK	300	7.50	0.114	0.022	0.124	41285	4.497	256.7	4.7
4/23/99	13:05	A	OK	300	7.50	0.114	0.020	0.125	42428	4.495	273.6	6.6
4/23/99	13:10	B	OK	300	7.50	0.114	0.023	0.125	40869	4.452	278.4	7.5
4/23/99	13:15	A	OK	300	7.50	0.114	0.019	0.124	37700	3.994	285.0	7.2
4/23/99	13:20	B	OK	300	7.50	0.114	0.019	0.124	38582	4.203	290.3	6.7
4/23/99	13:25	A	OK	300	7.50	0.114	0.019	0.124	37760	4.001	283.1	7.1
4/23/99	13:30	B	OK	300	7.50	0.114	0.016	0.124	37903	4.129	268.6	5.6
4/23/99	13:35	A	OK	300	7.50	0.114	0.022	0.124	39110	4.144	252.8	4.8
4/23/99	13:40	B	OK	300	7.50	0.114	0.023	0.124	38292	4.173	240.2	7.0
4/23/99	13:45	A	OK	300	7.50	0.114	0.028	0.124	39865	4.224	246.7	4.7
4/23/99	13:50	B	OK	300	7.50	0.114	0.022	0.124	39049	4.254	230.5	6.5
4/23/99	13:55	A	OK	300	7.50	0.114	0.022	0.125	41318	4.378	253.9	5.2
4/23/99	14:00	B	OK	300	7.50	0.114	0.021	0.124	41208	4.489	234.5	5.4
4/23/99	14:05	A	OK	300	7.50	0.113	0.023	0.125	41091	4.354	247.2	5.4
4/23/99	14:45	A	OK	300	7.47	0.113	0.021	0.135	80499	8.607	246.6	5.2
4/23/99	14:50	B	OK	300	7.50	0.113	0.023	0.125	41468	4.526	266.6	5.4
4/23/99	14:55	A	OK	300	7.50	0.113	0.021	0.125	43426	4.628	276.8	5.5
4/23/99	15:00	B	OK	300	7.50	0.113	0.021	0.125	43952	4.798	269.2	7.2
4/23/99	15:05	A	OK	300	7.50	0.113	0.031	0.126	44921	4.787	260.9	6.8
4/23/99	15:10	B	OK	300	7.50	0.113	0.021	0.126	47004	5.131	256.5	5.6
4/23/99	15:15	A	OK	300	7.50	0.113	0.019	0.125	44309	4.722	215.8	9.8
4/23/99	15:20	B	OK	300	7.50	0.113	0.020	0.126	46662	5.093	287.5	4.3
4/23/99	15:25	A	OK	300	7.50	0.113	0.023	0.126	46377	4.942	237.8	9.5
4/23/99	15:30	B	OK	300	7.50	0.113	0.034	0.126	45847	5.004	225.6	9.6
4/23/99	15:35	A	OK	300	7.49	0.113	0.021	0.127	48785	5.201	246.4	7.1
4/23/99	15:40	B	OK	300	7.50	0.113	0.022	0.125	41635	4.545	237.5	7.5
4/23/99	15:45	A	OK	300	7.50	0.113	0.019	0.126	46500	4.955	273.5	5.3
4/23/99	15:50	B	OK	300	7.50	0.113	0.021	0.125	44213	4.826	246.5	6.2
4/23/99	15:55	A	OK	300	7.50	0.113	0.020	0.125	43193	4.603	249.3	6.2
4/23/99	16:00	B	OK	300	7.50	0.113	0.018	0.125	45674	4.986	259.2	6.1
4/23/99	16:05	A	OK	300	7.50	0.113	0.017	0.126	45429	4.841	230.5	8.1
4/23/99	16:10	B	OK	300	7.50	0.113	0.020	0.125	45133	4.927	227.6	7.2
4/23/99	16:15	A	OK	300	7.50	0.113	0.018	0.126	45102	4.806	251.1	7.4
4/23/99	16:20	B	OK	300	7.50	0.113	0.019	0.125	45416	4.957	242.1	7.4
4/23/99	16:25	A	OK	300	7.50	0.113	0.019	0.126	45911	4.893	221.6	7.6
4/23/99	16:30	B	OK	300	7.50	0.113	0.021	0.125	45014	4.914	240.2	8.0
4/23/99	16:35	A	OK	300	7.50	0.113	0.018	0.126	45900	4.891	241.8	6.1
4/23/99	16:40	B	OK	300	7.50	0.113	0.019	0.125	44193	4.824	257.2	6.6
4/23/99	16:45	A	OK	300	7.50	0.113	0.021	0.125	44323	4.724	238.7	8.3
4/23/99	16:50	B	OK	300	7.50	0.113	0.018	0.125	43533	4.752	270.5	6.1
4/23/99	16:55	A	OK	300	7.50	0.113	0.018	0.126	45351	4.833	248.1	4.3
4/23/99	17:00	B	OK	300	7.50	0.113	0.021	0.125	43300	4.726	275.9	5.1
4/23/99	17:05	A	OK	300	7.50	0.113	0.022	0.125	44066	4.696	277.6	4.0
4/23/99	17:10	B	OK	300	7.50	0.113	0.026	0.124	40019	4.368	243.6	4.9
4/23/99	17:15	A	OK	300	7.50	0.113	0.022	0.124	38495	4.102	246.1	5.1
4/23/99	17:20	B	OK	300	7.50	0.113	0.018	0.123	38476	4.200	284.6	5.2

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/23/99	17:25	A	OK	300	7.50	0.113	0.019	0.124	40680	4.335	237.1	4.2
4/23/99	17:30	B	OK	300	7.50	0.113	0.024	0.124	39303	4.292	243.1	7.5
4/23/99	17:35	A	OK	300	7.50	0.113	0.019	0.124	39884	4.250	264.9	5.4
4/23/99	17:40	B	OK	300	7.50	0.113	0.025	0.123	38328	4.184	244.2	4.2
4/23/99	17:45	A	OK	300	7.50	0.113	0.024	0.123	36182	3.856	249.4	5.9
4/23/99	17:50	B	OK	300	7.50	0.113	0.024	0.123	36537	3.988	244.2	5.3
4/23/99	17:55	A	OK	300	7.50	0.113	0.025	0.124	38477	4.101	235.6	4.8
4/23/99	18:00	B	OK	300	7.50	0.113	0.018	0.123	36442	3.978	252.3	5.3
4/23/99	18:05	A	OK	300	7.50	0.113	0.020	0.123	36917	3.934	252.6	4.6
4/23/99	18:10	B	OK	300	7.50	0.113	0.031	0.123	35018	3.822	244.3	5.2
4/23/99	18:15	A	OK	300	7.50	0.113	0.019	0.123	36677	3.909	250.7	4.0
4/23/99	18:20	B	OK	300	7.50	0.113	0.026	0.123	35778	3.905	252.0	3.2
4/23/99	18:25	A	OK	300	7.50	0.113	0.028	0.123	35741	3.809	237.5	4.2
4/23/99	18:30	B	OK	300	7.50	0.113	0.023	0.122	34255	3.739	261.8	4.4
4/23/99	18:35	A	OK	300	7.50	0.113	0.021	0.122	33730	3.595	239.5	5.9
4/23/99	18:40	B	OK	300	7.50	0.113	0.019	0.122	32142	3.509	232.8	5.5
4/23/99	18:45	A	OK	300	7.50	0.113	0.024	0.122	32337	3.446	225.5	6.7
4/23/99	18:50	B	OK	300	7.50	0.113	0.021	0.122	31705	3.461	274.8	4.0
4/23/99	18:55	A	OK	300	7.50	0.113	0.023	0.122	32662	3.481	263.6	4.1
4/23/99	19:00	B	OK	300	7.50	0.113	0.020	0.122	30735	3.355	253.1	4.1
4/23/99	19:05	A	OK	300	7.50	0.113	0.019	0.122	30390	3.239	265.5	4.4
4/23/99	19:10	B	OK	300	7.50	0.113	0.022	0.121	29490	3.219	247.1	4.9
4/23/99	19:15	A	OK	300	7.50	0.113	0.019	0.122	30601	3.261	262.5	3.8
4/23/99	19:20	B	OK	300	7.50	0.113	0.023	0.121	28505	3.113	247.2	4.8
4/23/99	19:25	A	OK	300	7.50	0.113	0.021	0.121	28980	3.088	237.3	3.2
4/23/99	19:30	B	OK	300	7.50	0.114	0.020	0.121	27830	3.038	255.7	4.3
4/23/99	19:35	A	OK	300	7.50	0.114	0.031	0.121	28478	3.035	244.6	4.6
4/23/99	19:40	B	OK	300	7.50	0.114	0.022	0.121	26750	2.920	233.6	3.9
4/23/99	19:45	A	OK	300	7.50	0.114	0.023	0.121	27433	2.924	255.5	4.0
4/23/99	19:50	B	OK	300	7.50	0.114	0.020	0.121	27075	2.955	242.8	2.8
4/23/99	19:55	A	OK	300	7.50	0.114	0.024	0.121	27206	2.899	259.1	5.0
4/23/99	20:00	B	OK	300	7.50	0.114	0.022	0.121	26148	2.854	280.1	3.8
4/23/99	20:05	A	OK	300	7.50	0.114	0.022	0.121	26995	2.877	236.3	3.9
4/23/99	20:10	B	OK	300	7.50	0.114	0.019	0.121	26028	2.841	249.8	2.9
4/23/99	20:15	A	OK	300	7.50	0.114	0.022	0.121	27151	2.894	275.2	3.2
4/23/99	20:20	B	OK	300	7.50	0.114	0.032	0.121	25506	2.784	256.7	2.8
4/23/99	20:25	A	OK	300	7.50	0.114	0.017	0.121	26383	2.812	240.2	2.5
4/23/99	20:30	B	OK	300	7.50	0.114	0.026	0.121	26591	2.903	233.0	2.4
4/23/99	20:35	A	OK	300	7.50	0.114	0.025	0.121	27217	2.901	244.3	1.9
4/23/99	20:40	B	OK	300	7.50	0.114	0.028	0.121	25919	2.829	253.7	2.5
4/23/99	20:45	A	OK	300	7.50	0.114	0.019	0.121	27340	2.914	258.5	4.0
4/23/99	20:50	B	OK	300	7.50	0.114	0.020	0.121	25996	2.838	255.1	3.1
4/23/99	20:55	A	OK	300	7.50	0.114	0.022	0.121	26851	2.862	264.5	3.5
4/23/99	21:00	B	OK	300	7.50	0.114	0.022	0.121	25849	2.822	246.4	2.4
4/23/99	21:05	A	OK	300	7.50	0.114	0.022	0.122	26742	2.850	272.4	3.3
4/23/99	21:10	B	OK	300	7.50	0.114	0.021	0.121	26225	2.863	253.7	2.5
4/23/99	21:15	A	OK	300	7.49	0.114	0.022	0.122	26512	2.826	277.2	3.1
4/23/99	21:20	B	OK	300	7.50	0.114	0.019	0.121	26339	2.875	276.8	2.6
4/23/99	21:25	A	OK	300	7.50	0.114	0.025	0.122	26411	2.815	291.1	2.6
4/23/99	21:30	B	OK	300	7.50	0.114	0.020	0.121	26399	2.882	249.9	2.2
4/23/99	21:35	A	OK	300	7.50	0.114	0.021	0.122	27020	2.880	221.2	1.8
4/23/99	21:40	B	OK	300	7.50	0.114	0.021	0.122	26340	2.875	238.1	2.2
4/23/99	21:45	A	OK	300	7.50	0.114	0.020	0.122	26345	2.808	253.1	2.6
4/23/99	21:50	B	OK	300	7.50	0.114	0.021	0.122	27269	2.977	270.6	2.5

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/23/99	21:55	A	OK	300	7.50	0.114	0.023	0.122	27856	2.969	275.4	2.2
4/23/99	22:00	B	OK	300	7.50	0.114	0.023	0.122	26976	2.945	284.7	2.5
4/23/99	22:05	A	OK	300	7.50	0.114	0.021	0.122	27528	2.934	260.6	2.7
4/23/99	22:10	B	OK	300	7.50	0.114	0.017	0.122	27474	2.999	283.3	2.9
4/23/99	22:15	A	OK	300	7.50	0.114	0.025	0.122	26345	2.808	270.2	3.7
4/23/99	22:20	B	OK	300	7.50	0.114	0.019	0.122	27437	2.995	263.3	3.9
4/23/99	22:25	A	OK	300	7.50	0.114	0.023	0.122	27224	2.901	261.2	3.5
4/23/99	22:30	B	OK	300	7.50	0.114	0.021	0.122	26544	2.897	281.5	4.3
4/23/99	22:35	A	OK	300	7.50	0.114	0.025	0.122	27280	2.907	270.8	3.9
4/23/99	22:40	B	OK	300	7.50	0.114	0.020	0.122	26693	2.914	297.4	3.9
4/23/99	22:45	A	OK	300	7.50	0.114	0.027	0.122	27983	2.982	276.1	4.1
4/23/99	22:50	B	OK	300	7.50	0.114	0.024	0.122	27160	2.965	287.0	4.3
4/23/99	22:55	A	OK	300	7.50	0.114	0.023	0.122	26973	2.874	274.5	5.6
4/23/99	23:00	B	OK	300	7.50	0.114	0.023	0.122	26764	2.921	273.2	6.2
4/23/99	23:05	A	OK	300	7.49	0.114	0.019	0.122	27070	2.886	279.5	4.9
4/23/99	23:10	B	OK	300	7.50	0.114	0.018	0.122	26141	2.853	273.7	3.9
4/23/99	23:15	A	OK	300	7.50	0.114	0.021	0.122	27953	2.979	260.2	4.5
4/23/99	23:20	B	OK	300	7.50	0.114	0.028	0.122	26635	2.907	280.2	3.8
4/23/99	23:25	A	OK	300	7.50	0.114	0.026	0.122	27359	2.916	254.2	2.9
4/23/99	23:30	B	OK	300	7.50	0.114	0.022	0.122	26371	2.879	285.1	3.5
4/23/99	23:35	A	OK	300	7.50	0.114	0.022	0.122	27099	2.888	275.5	2.8
4/23/99	23:40	B	OK	300	7.50	0.114	0.022	0.122	26844	2.930	246.1	2.4
4/23/99	23:45	A	OK	300	7.50	0.114	0.019	0.122	26743	2.850	297.5	2.5
4/23/99	23:50	B	OK	300	7.50	0.114	0.024	0.122	26588	2.902	270.8	2.1
4/23/99	23:55	A	OK	300	7.50	0.114	0.018	0.122	27489	2.930	267.8	2.5
4/24/99	0:00	B	OK	300	7.50	0.114	0.022	0.122	27543	3.006	262.0	1.8
4/24/99	0:05	A	OK	300	7.50	0.114	0.021	0.122	27497	2.930	236.7	2.0
4/24/99	0:10	B	OK	300	7.50	0.114	0.021	0.122	27004	2.948	237.6	1.3
4/24/99	0:15	A	OK	300	7.50	0.114	0.023	0.122	27411	2.921	291.2	0.9
4/24/99	0:20	B	OK	300	7.50	0.114	0.020	0.122	30599	3.340	293.8	1.0
4/24/99	0:25	A	OK	300	7.50	0.114	0.029	0.123	29144	3.106	293.8	1.4
4/24/99	0:30	B	OK	300	7.50	0.114	0.023	0.122	29037	3.170	272.4	2.2
4/24/99	0:35	A	OK	300	7.50	0.114	0.022	0.124	34736	3.702	203.6	1.1
4/24/99	0:40	B	OK	300	7.50	0.114	0.022	0.124	34969	3.817	336.2	1.5
4/24/99	0:45	A	OK	300	7.50	0.114	0.019	0.123	31160	3.321	303.5	2.1
4/24/99	0:50	B	OK	300	7.50	0.114	0.019	0.122	30095	3.285	251.2	3.1
4/24/99	0:55	A	OK	300	7.50	0.114	0.022	0.123	29105	3.102	286.4	3.3
4/24/99	1:00	B	OK	300	7.50	0.114	0.025	0.127	48706	5.318	312.0	3.5
4/24/99	1:05	A	OK	300	7.50	0.114	0.026	0.127	44907	4.786	281.4	3.5
4/24/99	1:10	B	OK	300	7.50	0.114	0.020	0.122	26809	2.926	247.4	2.2
4/24/99	1:15	A	OK	300	7.50	0.114	0.021	0.122	28537	3.041	288.8	3.3
4/24/99	1:20	B	OK	300	7.50	0.114	0.028	0.122	27068	2.955	273.5	2.0
4/24/99	1:25	A	OK	300	7.50	0.114	0.020	0.122	25819	2.751	267.8	1.8
4/24/99	1:30	B	OK	300	7.50	0.114	0.025	0.122	25869	2.824	223.1	1.4
4/24/99	1:35	A	OK	300	7.50	0.114	0.024	0.122	27467	2.927	251.8	1.6
4/24/99	1:40	B	OK	300	7.50	0.114	0.033	0.122	25955	2.833	267.8	2.0
4/24/99	1:45	A	OK	300	7.50	0.115	0.019	0.122	27325	2.912	272.9	1.2
4/24/99	1:50	B	OK	300	7.50	0.114	0.021	0.122	25882	2.825	283.6	1.8
4/24/99	1:55	A	OK	300	7.50	0.114	0.025	0.122	26673	2.843	258.6	2.2
4/24/99	2:00	B	OK	300	7.50	0.114	0.019	0.122	27980	3.054	292.8	2.1
4/24/99	2:05	A	OK	300	7.50	0.115	0.020	0.122	27099	2.888	281.2	1.5
4/24/99	2:10	B	OK	300	7.50	0.114	0.021	0.122	27612	3.014	262.6	1.2
4/24/99	2:15	A	OK	300	7.50	0.115	0.022	0.123	30341	3.233	313.0	2.1
4/24/99	2:20	B	OK	300	7.50	0.115	0.027	0.125	38061	4.155	323.7	2.4

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/24/99	2:25	A	OK	300	7.50	0.115	0.020	0.129	55135	5.876	310.0	1.9
4/24/99	2:30	B	OK	300	7.50	0.114	0.022	0.129	54934	5.996	281.1	1.3
4/24/99	2:35	A	OK	300	7.50	0.115	0.020	0.127	46834	4.991	292.4	1.7
4/24/99	2:40	B	OK	300	7.50	0.114	0.024	0.128	50860	5.552	300.0	1.3
4/24/99	2:45	A	OK	300	7.50	0.115	0.020	0.131	60462	6.443	301.3	2.1
4/24/99	2:50	B	OK	300	7.50	0.115	0.024	0.137	86808	9.479	298.0	2.5
4/24/99	2:55	A	OK	300	7.50	0.115	0.021	0.143	104500	11.137	300.6	2.0
4/24/99	3:00	B	OK	300	7.50	0.115	0.026	0.138	87920	9.597	284.7	0.8
4/24/99	3:05	A	OK	300	7.50	0.115	0.027	0.128	47444	5.056	273.5	0.6
4/24/99	3:10	B	OK	300	7.50	0.114	0.031	0.130	56623	6.181	273.5	0.5
4/24/99	3:15	A	OK	300	7.50	0.115	0.024	0.134	71782	7.650	273.5	0.9
4/24/99	3:20	B	OK	300	7.50	0.114	0.019	0.141	100164	10.934	278.6	1.7
4/24/99	3:25	A	OK	300	7.50	0.115	0.017	0.150	132985	14.172	286.6	1.9
4/24/99	3:30	B	OK	300	7.50	0.114	0.026	0.155	155136	16.934	291.9	2.2
4/24/99	3:35	A	OK	300	7.50	0.114	0.033	0.147	122225	13.026	286.2	0.6
4/24/99	3:40	B	OK	300	7.50	0.114	0.021	0.137	85380	9.320	298.6	1.9
4/24/99	3:45	A	OK	300	7.50	0.114	0.025	0.188	278603	29.691	295.2	2.3
4/24/99	3:50	B	OK	300	7.50	0.114	0.024	0.156	158285	17.278	299.4	2.2
4/24/99	3:55	A	OK	300	7.50	0.114	0.022	0.154	149609	15.944	272.4	2.5
4/24/99	4:00	B	OK	300	7.50	0.114	0.022	0.139	95339	10.407	286.9	1.9
4/24/99	4:05	A	OK	300	7.50	0.114	0.034	0.137	82277	8.768	308.8	0.9
4/24/99	4:10	B	OK	300	7.50	0.114	0.019	0.130	58963	6.436	311.6	1.0
4/24/99	4:15	A	OK	300	7.50	0.115	0.020	0.133	70049	7.465	312.3	1.5
4/24/99	4:20	B	OK	300	7.50	0.114	0.027	0.144	113156	12.352	312.3	0.9
4/24/99	4:25	A	OK	300	7.50	0.114	0.024	0.169	206302	21.986	312.3	0.7
4/24/99	4:30	B	OK	300	7.50	0.114	0.023	0.161	177413	19.366	312.3	1.6
4/24/99	4:35	A	OK	300	7.50	0.114	0.022	0.163	182417	19.440	312.3	1.4
4/24/99	4:40	B	OK	300	7.50	0.114	0.023	0.154	150802	16.461	312.3	1.5
4/24/99	4:45	A	OK	300	7.49	0.115	0.023	0.153	143140	15.260	312.3	1.4
4/24/99	4:50	B	OK	300	7.50	0.114	0.020	0.149	132069	14.416	312.3	0.7
4/24/99	4:55	A	OK	300	7.50	0.114	0.025	0.147	122752	13.082	312.3	0.6
4/24/99	5:00	B	OK	300	7.50	0.114	0.020	0.145	114219	12.468	312.4	1.4
4/24/99	5:05	A	OK	300	7.50	0.114	0.030	0.164	187299	19.961	311.3	2.0
4/24/99	5:10	B	OK	300	7.50	0.114	0.024	0.154	150800	16.461	301.7	2.4
4/24/99	5:15	A	OK	300	7.50	0.115	0.021	0.153	142648	15.202	302.2	2.4
4/24/99	5:20	B	OK	300	7.50	0.114	0.023	0.142	101952	11.129	282.5	2.4
4/24/99	5:25	A	OK	300	7.50	0.115	0.018	0.145	113445	12.090	290.4	2.9
4/24/99	5:30	B	OK	300	7.50	0.115	0.026	0.142	102564	11.196	295.4	3.3
4/24/99	5:35	A	OK	300	7.50	0.115	0.030	0.138	86410	9.209	293.2	2.9
4/24/99	5:40	B	OK	300	7.50	0.115	0.025	0.131	60253	6.577	301.6	2.5
4/24/99	5:45	A	OK	300	7.50	0.115	0.024	0.139	89843	9.575	329.7	3.4
4/24/99	5:50	B	OK	300	7.50	0.115	0.025	0.187	277252	30.265	60.2	1.9
4/24/99	5:55	A	OK	300	7.50	0.115	0.021	0.130	58443	6.228	41.8	2.7
4/24/99	6:00	B	OK	300	7.50	0.115	0.022	0.124	34494	3.765	38.7	2.5
4/24/99	6:05	A	OK	300	7.50	0.115	0.019	0.123	31759	3.384	36.5	3.6
4/24/99	6:10	B	OK	300	7.50	0.115	0.022	0.123	29757	3.248	44.8	4.2
4/24/99	6:15	A	OK	300	7.50	0.115	0.021	0.123	29521	3.146	41.8	4.1
4/24/99	6:20	B	OK	300	7.50	0.115	0.017	0.122	27728	3.027	44.9	4.6
4/24/99	6:25	A	OK	300	7.50	0.115	0.020	0.122	27579	2.939	49.2	5.6
4/24/99	6:30	B	OK	300	7.50	0.114	0.027	0.122	27195	2.969	57.8	4.4
4/24/99	6:35	A	OK	300	7.49	0.115	0.019	0.122	27559	2.938	48.1	3.8
4/24/99	6:40	B	OK	300	7.50	0.114	0.025	0.122	27850	3.040	61.9	3.5
4/24/99	6:45	A	OK	300	7.50	0.114	0.022	0.122	28511	3.038	42.4	3.8
4/24/99	6:50	B	OK	300	7.50	0.114	0.026	0.122	28434	3.104	44.4	2.3

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/24/99	6:55	A	OK	300	7.50	0.114	0.027	0.123	29977	3.195	48.4	2.6
4/24/99	7:00	B	OK	300	7.50	0.114	0.024	0.123	31442	3.432	43.8	2.5
4/24/99	7:05	A	OK	300	7.50	0.115	0.022	0.124	32812	3.497	55.1	3.6
4/24/99	7:10	B	OK	300	7.50	0.115	0.017	0.124	33776	3.687	57.5	4.0
4/24/99	7:15	A	OK	300	7.50	0.115	0.022	0.124	34279	3.653	55.5	3.9
4/24/99	7:20	B	OK	300	7.50	0.115	0.028	0.124	35069	3.828	46.3	4.1
4/24/99	7:25	A	OK	300	7.50	0.115	0.021	0.125	37366	3.982	53.8	4.4
4/24/99	7:30	B	OK	300	7.50	0.115	0.019	0.125	38401	4.192	47.3	4.1
4/24/99	7:35	A	OK	300	7.50	0.115	0.024	0.126	41089	4.379	49.3	4.3
4/24/99	7:40	B	OK	300	7.50	0.115	0.024	0.126	41416	4.521	51.7	4.1
4/24/99	7:45	A	OK	300	7.50	0.115	0.018	0.127	44147	4.705	56.7	5.3
4/24/99	7:50	B	OK	300	7.50	0.115	0.019	0.127	44169	4.821	58.0	5.5
4/24/99	7:55	A	OK	300	7.50	0.115	0.024	0.127	46321	4.936	64.4	5.3
4/24/99	8:00	B	OK	300	7.50	0.115	0.020	0.127	47621	5.198	64.8	5.2
4/24/99	8:05	A	OK	300	7.50	0.115	0.017	0.128	50014	5.330	58.0	5.5
4/24/99	8:10	B	OK	300	7.50	0.115	0.023	0.128	50032	5.461	56.4	7.0
4/24/99	8:15	A	OK	300	7.50	0.115	0.020	0.128	50749	5.408	63.5	7.6
4/24/99	8:20	B	OK	300	7.50	0.115	0.021	0.128	50730	5.538	63.4	9.3
4/24/99	8:25	A	OK	300	7.50	0.115	0.021	0.129	52686	5.615	69.5	7.9
4/24/99	8:30	B	OK	300	7.50	0.114	0.022	0.129	54107	5.908	77.2	6.2
4/24/99	8:35	A	OK	300	7.50	0.114	0.022	0.129	55017	5.863	69.2	9.0
4/24/99	8:40	B	OK	300	7.50	0.114	0.028	0.128	52351	5.715	69.2	7.0
4/24/99	8:45	A	OK	300	7.50	0.114	0.020	0.127	47801	5.094	83.1	7.3
4/24/99	8:50	B	OK	300	7.50	0.114	0.025	0.128	50486	5.511	69.7	4.6
4/24/99	8:55	A	OK	300	7.50	0.114	0.021	0.128	50306	5.361	74.4	8.0
4/24/99	9:00	B	OK	300	7.50	0.114	0.019	0.128	51110	5.579	78.4	7.7
4/24/99	9:05	A	OK	300	7.50	0.114	0.020	0.128	49592	5.285	90.0	8.6
4/24/99	9:10	B	OK	300	7.50	0.114	0.021	0.128	49712	5.426	78.1	5.7
4/24/99	9:15	A	OK	300	7.50	0.114	0.022	0.129	52889	5.636	72.8	8.1
4/24/99	9:20	B	OK	300	7.50	0.114	0.023	0.127	48213	5.263	84.1	10.5
4/24/99	9:25	A	OK	300	7.50	0.114	0.018	0.126	42320	4.510	85.2	10.8
4/24/99	9:30	B	OK	300	7.50	0.114	0.024	0.127	47127	5.144	73.7	11.4
4/24/99	9:35	A	OK	300	7.50	0.114	0.025	0.127	47665	5.080	79.5	8.7
4/24/99	9:40	B	OK	300	7.50	0.114	0.024	0.126	43284	4.725	68.4	11.4
4/24/99	9:45	A	OK	300	7.50	0.114	0.021	0.129	52060	5.548	68.6	10.0
4/24/99	9:50	B	OK	300	7.50	0.114	0.019	0.128	49797	5.436	67.3	7.4
4/24/99	9:55	A	OK	300	7.50	0.114	0.022	0.126	43864	4.675	86.2	8.9
4/24/99	10:00	B	OK	300	7.50	0.114	0.022	0.126	45013	4.914	54.8	8.6
4/24/99	10:05	A	OK	300	7.50	0.114	0.023	0.128	48140	5.130	54.5	8.9
4/24/99	10:10	B	OK	300	7.50	0.114	0.022	0.127	48465	5.290	60.9	8.3
4/24/99	10:15	A	OK	300	7.50	0.114	0.019	0.129	52827	5.630	67.3	6.7
4/24/99	10:20	B	OK	300	7.50	0.114	0.022	0.128	52200	5.700	64.2	9.8
4/24/99	10:25	A	OK	300	7.50	0.114	0.023	0.128	49311	5.255	63.1	11.3
4/24/99	10:30	B	OK	300	7.50	0.114	0.023	0.127	48521	5.296	63.3	9.4
4/24/99	10:35	A	OK	300	7.50	0.114	0.021	0.128	50695	5.403	74.0	8.8
4/24/99	10:40	B	OK	300	7.50	0.114	0.019	0.127	49729	5.428	61.6	9.4
4/24/99	10:45	A	OK	300	7.50	0.114	0.019	0.128	51449	5.483	51.2	8.6
4/24/99	10:50	B	OK	300	7.50	0.114	0.017	0.128	50950	5.562	67.0	8.3
4/24/99	10:55	A	OK	300	7.50	0.114	0.022	0.128	50557	5.388	67.1	9.5
4/24/99	11:00	B	OK	300	7.50	0.114	0.019	0.128	50642	5.528	71.2	10.0
4/24/99	11:05	A	OK	300	7.50	0.114	0.026	0.128	50565	5.389	69.3	10.1
4/24/99	11:10	B	OK	300	7.50	0.114	0.022	0.127	49505	5.404	77.5	8.3
4/24/99	11:15	A	OK	300	7.50	0.114	0.022	0.128	50282	5.358	88.1	9.6
4/24/99	11:20	B	OK	300	7.50	0.114	0.022	0.127	49520	5.406	82.2	10.1

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/24/99	11:25	A	OK	300	7.50	0.114	0.019	0.128	51708	5.510	94.3	8.6
4/24/99	11:30	B	OK	300	7.50	0.114	0.019	0.127	48369	5.280	73.3	9.3
4/24/99	11:35	A	OK	300	7.50	0.114	0.020	0.128	50305	5.361	87.1	8.3
4/24/99	11:40	B	OK	300	7.50	0.114	0.020	0.128	51600	5.633	97.8	8.2
4/24/99	11:45	A	OK	300	7.50	0.114	0.021	0.129	53535	5.705	82.7	7.7
4/24/99	11:50	B	OK	300	7.50	0.114	0.018	0.127	49212	5.372	77.8	7.5
4/24/99	11:55	A	OK	300	7.50	0.114	0.024	0.127	49362	5.260	60.5	8.9
4/24/99	12:00	B	OK	300	7.50	0.114	0.020	0.127	47589	5.195	77.1	8.0
4/24/99	12:05	A	OK	300	7.50	0.114	0.018	0.127	47195	5.030	94.6	8.7
4/24/99	12:10	B	OK	300	7.50	0.114	0.025	0.126	45986	5.020	98.9	8.9
4/24/99	12:15	A	OK	300	7.49	0.114	0.020	0.126	46115	4.916	111.9	9.4
4/24/99	12:20	B	OK	300	7.50	0.114	0.020	0.127	47507	5.186	102.1	8.4
4/24/99	12:25	A	OK	300	7.50	0.114	0.019	0.127	47155	5.025	91.6	9.1
4/24/99	12:30	B	OK	300	7.50	0.114	0.019	0.127	47942	5.233	80.8	7.9
4/24/99	12:35	A	OK	300	7.50	0.114	0.021	0.128	50285	5.359	89.5	7.9
4/24/99	12:40	B	OK	300	7.50	0.114	0.019	0.127	48583	5.303	84.5	9.6
4/24/99	12:45	A	OK	300	7.50	0.114	0.022	0.127	48219	5.139	103.5	9.7
4/24/99	12:50	B	OK	300	7.50	0.114	0.019	0.126	46229	5.046	77.6	8.1
4/24/99	12:55	A	OK	300	7.50	0.114	0.022	0.126	44425	4.734	68.8	8.3
4/24/99	13:00	B	OK	300	7.50	0.114	0.020	0.126	44290	4.835	90.5	9.2
4/24/99	13:05	A	OK	300	7.50	0.114	0.020	0.127	48262	5.143	84.5	8.4
4/24/99	13:10	B	OK	300	7.50	0.114	0.022	0.124	38396	4.191	89.0	10.1
4/24/99	13:15	A	OK	300	7.50	0.114	0.020	0.125	41104	4.380	83.9	9.2
4/24/99	13:20	B	OK	300	7.50	0.114	0.021	0.126	45216	4.936	85.5	8.9
4/24/99	13:25	A	OK	300	7.50	0.114	0.025	0.125	42174	4.494	83.4	10.6
4/24/99	13:30	B	OK	300	7.50	0.114	0.028	0.125	41900	4.574	95.1	9.1
4/24/99	13:35	A	OK	300	7.50	0.114	0.020	0.126	45528	4.852	74.0	8.4
4/24/99	13:40	B	OK	300	7.50	0.114	0.021	0.125	40925	4.467	64.2	8.6
4/24/99	13:45	A	OK	300	7.50	0.114	0.022	0.124	36817	3.924	96.8	9.1
4/24/99	13:50	B	OK	300	7.50	0.114	0.021	0.123	35243	3.847	76.8	8.0
4/24/99	13:55	A	OK	300	7.50	0.114	0.022	0.124	37378	3.983	61.5	8.5
4/24/99	14:00	B	OK	300	7.50	0.114	0.022	0.125	41939	4.578	64.9	7.3
4/24/99	14:05	A	OK	300	7.49	0.114	0.025	0.126	42840	4.567	64.8	9.1
4/24/99	14:10	B	OK	300	7.50	0.114	0.022	0.124	37386	4.081	69.3	8.4
4/24/99	14:15	A	OK	300	7.50	0.114	0.020	0.125	39589	4.219	80.0	6.7
4/24/99	14:20	B	OK	300	7.50	0.114	0.023	0.126	44338	4.840	73.7	6.6
4/24/99	14:25	A	OK	300	7.50	0.114	0.019	0.127	46680	4.975	78.5	7.2
4/24/99	14:30	B	OK	300	7.50	0.114	0.023	0.126	45323	4.947	84.0	8.1
4/24/99	14:35	A	OK	300	7.50	0.114	0.027	0.125	39108	4.168	92.1	8.9
4/24/99	14:40	B	OK	300	7.50	0.114	0.020	0.125	39933	4.359	97.2	7.9
4/24/99	14:45	A	OK	300	7.50	0.114	0.020	0.126	44175	4.708	100.5	9.0
4/24/99	14:50	B	OK	300	7.50	0.114	0.022	0.128	50375	5.499	109.5	8.9
4/24/99	14:55	A	OK	300	7.50	0.114	0.023	0.128	51151	5.451	104.8	10.9
4/24/99	15:00	B	OK	300	7.50	0.114	0.019	0.127	48611	5.306	101.2	10.0
4/24/99	15:05	A	OK	300	7.50	0.114	0.023	0.127	46366	4.941	117.7	10.1
4/24/99	15:45	A	OK	300	7.47	0.114	0.024	0.135	78253	8.329	87.5	10.4
4/24/99	15:50	B	OK	300	7.50	0.114	0.019	0.126	44481	4.851	89.9	10.5
4/24/99	15:55	A	OK	300	7.49	0.114	0.022	0.126	43220	4.588	81.0	9.0
4/24/99	16:00	B	OK	300	7.50	0.114	0.023	0.125	39789	4.340	91.8	7.8
4/24/99	16:05	A	OK	300	7.50	0.114	0.023	0.126	43578	4.624	70.8	7.5
4/24/99	16:10	B	OK	300	7.50	0.114	0.024	0.125	42098	4.591	85.0	7.7
4/24/99	16:15	A	OK	300	7.50	0.114	0.020	0.126	42712	4.532	93.3	9.8
4/24/99	16:20	B	OK	300	7.50	0.114	0.026	0.125	42986	4.688	92.3	7.5
4/24/99	16:25	A	OK	300	7.50	0.114	0.018	0.126	42672	4.528	78.4	7.9

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/24/99	16:30	B	OK	300	7.50	0.114	0.025	0.125	41763	4.555	69.8	7.9
4/24/99	16:35	A	OK	300	7.50	0.114	0.019	0.125	40096	4.255	73.6	8.8
4/24/99	16:40	B	OK	300	7.50	0.114	0.023	0.125	40249	4.390	68.9	8.6
4/24/99	16:45	A	OK	300	7.50	0.114	0.019	0.125	40976	4.348	83.0	8.8
4/24/99	16:50	B	OK	300	7.50	0.114	0.021	0.125	39969	4.359	86.3	8.2
4/24/99	16:55	A	OK	300	7.50	0.114	0.020	0.125	41489	4.403	95.1	7.2
4/24/99	17:00	B	OK	300	7.50	0.114	0.021	0.125	39526	4.311	104.3	6.8
4/24/99	17:05	A	OK	300	7.50	0.114	0.023	0.124	37658	3.996	111.2	6.9
4/24/99	17:10	B	OK	300	7.50	0.114	0.021	0.124	35255	3.845	113.9	9.0
4/24/99	17:15	A	OK	300	7.50	0.114	0.026	0.124	33403	3.545	103.6	8.6
4/24/99	17:20	B	OK	300	7.50	0.114	0.023	0.124	35341	3.854	96.0	8.6
4/24/99	17:25	A	OK	300	7.50	0.114	0.022	0.124	36156	3.837	81.5	8.2
4/24/99	17:30	B	OK	300	7.50	0.114	0.021	0.123	34008	3.709	82.3	8.3
4/24/99	17:35	A	OK	300	7.50	0.114	0.018	0.124	35546	3.772	91.1	8.3
4/24/99	17:40	B	OK	300	7.50	0.114	0.020	0.124	35144	3.833	99.7	8.0
4/24/99	17:45	A	OK	300	7.50	0.114	0.021	0.124	36330	3.855	89.5	9.2
4/24/99	17:50	B	OK	300	7.50	0.114	0.023	0.124	36044	3.932	72.4	7.6
4/24/99	17:55	A	OK	300	7.50	0.114	0.027	0.124	34552	3.667	68.9	9.1
4/24/99	18:00	B	OK	300	7.50	0.114	0.020	0.123	32675	3.564	83.5	7.4
4/24/99	18:05	A	OK	300	7.50	0.114	0.021	0.123	31208	3.312	72.5	6.0
4/24/99	18:10	B	OK	300	7.50	0.114	0.025	0.123	30452	3.321	76.6	8.4
4/24/99	18:15	A	OK	300	7.50	0.114	0.020	0.123	31135	3.304	68.4	7.0
4/24/99	18:20	B	OK	300	7.50	0.114	0.027	0.122	29292	3.195	74.4	6.2
4/24/99	18:25	A	OK	300	7.50	0.114	0.023	0.122	29146	3.093	88.1	6.9
4/24/99	18:30	B	OK	300	7.50	0.114	0.024	0.122	28539	3.113	75.4	7.0
4/24/99	18:35	A	OK	300	7.50	0.114	0.022	0.122	29016	3.079	78.4	6.4
4/24/99	18:40	B	OK	300	7.50	0.114	0.023	0.122	28515	3.110	73.6	4.7
4/24/99	18:45	A	OK	300	7.50	0.114	0.017	0.122	28521	3.026	77.8	4.1
4/24/99	18:50	B	OK	300	7.50	0.114	0.018	0.122	27602	3.010	94.1	5.8
4/24/99	18:55	A	OK	300	7.50	0.114	0.017	0.122	27580	2.927	90.2	5.7
4/24/99	19:00	B	OK	300	7.50	0.114	0.029	0.122	26598	2.901	100.6	6.3
4/24/99	19:05	A	OK	300	7.50	0.114	0.022	0.122	27158	2.882	93.5	6.8
4/24/99	19:10	B	OK	300	7.50	0.114	0.019	0.122	26709	2.913	88.4	6.0
4/24/99	19:15	A	OK	300	7.50	0.114	0.021	0.122	26743	2.838	100.7	6.1
4/24/99	19:20	B	OK	300	7.50	0.114	0.021	0.122	26471	2.887	88.5	5.5
4/24/99	19:25	A	OK	300	7.50	0.114	0.024	0.122	26777	2.842	85.9	3.5
4/24/99	19:30	B	OK	300	7.50	0.114	0.024	0.121	25598	2.792	102.4	5.0
4/24/99	19:35	A	OK	300	7.50	0.114	0.019	0.122	25693	2.726	95.7	4.6
4/24/99	19:40	B	OK	300	7.50	0.114	0.024	0.121	25515	2.784	104.8	4.6
4/24/99	19:45	A	OK	300	7.50	0.114	0.031	0.121	25827	2.741	96.6	5.2
4/24/99	19:50	B	OK	300	7.50	0.114	0.023	0.121	25700	2.803	92.5	3.6
4/24/99	19:55	A	OK	300	7.50	0.114	0.021	0.121	25546	2.711	105.8	3.6
4/24/99	20:00	B	OK	300	7.50	0.114	0.018	0.121	25824	2.817	115.1	4.7
4/24/99	20:05	A	OK	300	7.50	0.114	0.023	0.122	25329	2.688	96.2	4.4
4/24/99	20:10	B	OK	300	7.50	0.114	0.020	0.121	24573	2.680	101.9	2.7
4/24/99	20:15	A	OK	300	7.50	0.114	0.020	0.121	25307	2.686	83.2	2.8
4/24/99	20:20	B	OK	300	7.50	0.114	0.024	0.121	25055	2.733	98.3	3.4
4/24/99	20:25	A	OK	300	7.50	0.114	0.020	0.122	25769	2.735	104.5	3.3
4/24/99	20:30	B	OK	300	7.50	0.114	0.029	0.121	25451	2.776	101.5	3.4
4/24/99	20:35	A	OK	300	7.50	0.114	0.023	0.122	25490	2.705	102.7	4.0
4/24/99	20:40	B	OK	300	7.50	0.114	0.028	0.121	24981	2.725	105.2	3.7
4/24/99	20:45	A	OK	300	7.50	0.114	0.029	0.122	25788	2.737	103.4	4.2
4/24/99	20:50	B	OK	300	7.50	0.114	0.026	0.121	25549	2.786	102.5	3.8
4/24/99	20:55	A	OK	300	7.50	0.114	0.022	0.122	25402	2.696	92.4	3.5

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/24/99	21:00	B	OK	300	7.50	0.114	0.028	0.121	24924	2.718	96.2	2.8
4/24/99	21:05	A	OK	300	7.50	0.115	0.023	0.122	25405	2.696	114.6	4.2
4/24/99	21:10	B	OK	300	7.50	0.114	0.023	0.121	24584	2.681	88.9	3.7
4/24/99	21:15	A	OK	300	7.50	0.114	0.023	0.122	25035	2.657	80.7	3.6
4/24/99	21:20	B	OK	300	7.50	0.114	0.026	0.121	24867	2.712	80.8	3.1
4/24/99	21:25	A	OK	300	7.50	0.115	0.026	0.122	26173	2.777	79.5	2.6
4/24/99	21:30	B	OK	300	7.50	0.114	0.025	0.121	25001	2.727	102.5	2.0
4/24/99	21:35	A	OK	300	7.49	0.114	0.022	0.121	25917	2.751	88.1	3.0
4/24/99	21:40	B	OK	300	7.50	0.114	0.023	0.121	24558	2.678	109.5	2.1
4/24/99	21:45	A	OK	300	7.50	0.114	0.027	0.121	24852	2.637	101.2	3.1
4/24/99	21:50	B	OK	300	7.50	0.115	0.020	0.121	24979	2.724	64.9	1.8
4/24/99	21:55	A	OK	300	7.50	0.115	0.017	0.122	27267	2.894	47.9	1.1
4/24/99	22:00	B	OK	300	7.50	0.115	0.026	0.122	25618	2.794	64.5	1.8
4/24/99	22:05	A	OK	300	7.50	0.115	0.025	0.122	26527	2.815	77.2	1.3
4/24/99	22:10	B	OK	300	7.50	0.114	0.026	0.121	25478	2.779	76.8	1.5
4/24/99	22:15	A	OK	300	7.50	0.115	0.033	0.122	25381	2.693	76.1	2.5
4/24/99	22:20	B	OK	300	7.50	0.115	0.019	0.121	24865	2.712	77.1	2.5
4/24/99	22:25	A	OK	300	7.50	0.115	0.024	0.122	25694	2.727	53.7	2.7
4/24/99	22:30	B	OK	300	7.50	0.114	0.020	0.121	24533	2.676	55.9	2.5
4/24/99	22:35	A	OK	300	7.50	0.115	0.024	0.122	24947	2.647	54.8	2.1
4/24/99	22:40	B	OK	300	7.50	0.115	0.026	0.121	24912	2.717	63.5	1.5
4/24/99	22:45	A	OK	300	7.50	0.115	0.023	0.122	25412	2.697	63.3	1.6
4/24/99	22:50	B	OK	300	7.50	0.115	0.022	0.121	25104	2.738	46.2	1.9
4/24/99	22:55	A	OK	300	7.50	0.115	0.020	0.122	26747	2.838	53.9	1.8
4/24/99	23:00	B	OK	300	7.50	0.115	0.024	0.122	25824	2.817	53.0	1.5
4/24/99	23:05	A	OK	300	7.50	0.115	0.024	0.122	26208	2.781	49.7	1.7
4/24/99	23:10	B	OK	300	7.50	0.115	0.019	0.121	24868	2.712	37.7	1.9
4/24/99	23:15	A	OK	300	7.50	0.115	0.025	0.122	26289	2.790	81.2	1.8
4/24/99	23:20	B	OK	300	7.50	0.115	0.024	0.122	24880	2.714	88.1	1.5
4/24/99	23:25	A	OK	300	7.49	0.115	0.023	0.122	26679	2.832	86.8	1.4
4/24/99	23:30	B	OK	300	7.50	0.114	0.018	0.121	25361	2.766	100.9	1.3
4/24/99	23:35	A	OK	300	7.50	0.115	0.016	0.122	26402	2.802	99.4	0.7
4/24/99	23:40	B	OK	300	7.50	0.115	0.022	0.121	24641	2.687	99.4	0.6
4/24/99	23:45	A	OK	300	7.50	0.115	0.021	0.122	26383	2.800	99.5	0.9
4/24/99	23:50	B	OK	300	7.50	0.115	0.026	0.122	25630	2.795	91.2	1.6
4/24/99	23:55	A	OK	300	7.50	0.115	0.024	0.122	25790	2.737	55.9	2.6
4/25/99	0:00	B	OK	300	7.50	0.115	0.020	0.122	26037	2.840	67.2	1.6
4/25/99	0:05	A	OK	300	7.50	0.115	0.023	0.122	27782	2.948	67.1	1.3
4/25/99	0:10	B	OK	300	7.50	0.115	0.019	0.122	27081	2.954	67.0	1.2
4/25/99	0:15	A	OK	300	7.50	0.115	0.023	0.122	28059	2.978	67.0	0.9
4/25/99	0:20	B	OK	300	7.50	0.115	0.022	0.122	26492	2.889	65.5	1.7
4/25/99	0:25	A	OK	300	7.50	0.115	0.026	0.122	25637	2.721	53.9	2.3
4/25/99	0:30	B	OK	300	7.50	0.115	0.020	0.122	26553	2.896	60.2	1.2
4/25/99	0:35	A	OK	300	7.50	0.115	0.025	0.122	28234	2.996	60.3	0.4
4/25/99	0:40	B	OK	300	7.50	0.115	0.022	0.122	27761	3.028	60.0	1.5
4/25/99	0:45	A	OK	300	7.50	0.115	0.020	0.122	26719	2.835	59.7	1.4
4/25/99	0:50	B	OK	300	7.50	0.115	0.023	0.122	25925	2.828	68.3	1.8
4/25/99	0:55	A	OK	300	7.50	0.115	0.027	0.122	26308	2.792	76.6	1.1
4/25/99	1:00	B	OK	300	7.50	0.115	0.019	0.122	26596	2.901	76.6	0.5
4/25/99	1:05	A	OK	300	7.50	0.115	0.023	0.122	27574	2.926	76.6	0.8
4/25/99	1:10	B	OK	300	7.50	0.115	0.026	0.122	26440	2.884	76.6	1.6
4/25/99	1:15	A	OK	300	7.50	0.115	0.027	0.122	27116	2.878	76.6	1.3
4/25/99	1:20	B	OK	300	7.50	0.115	0.026	0.122	28366	3.095	76.6	1.0
4/25/99	1:25	A	OK	300	7.50	0.115	0.019	0.122	26064	2.766	97.9	2.0

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/25/99	1:30	B	OK	300	7.50	0.115	0.021	0.121	24785	2.703	143.3	2.2
4/25/99	1:35	A	OK	300	7.50	0.115	0.027	0.122	25362	2.691	171.1	1.4
4/25/99	1:40	B	OK	300	7.50	0.115	0.031	0.122	24561	2.679	148.9	0.9
4/25/99	1:45	A	OK	300	7.50	0.115	0.027	0.122	25784	2.736	129.7	0.3
4/25/99	1:50	B	OK	300	7.50	0.115	0.023	0.121	24241	2.644	129.8	1.1
4/25/99	1:55	A	OK	300	7.50	0.115	0.032	0.122	27304	2.897	129.8	0.8
4/25/99	2:00	B	OK	300	7.50	0.115	0.031	0.123	28338	3.091	129.8	0.8
4/25/99	2:05	A	OK	300	7.50	0.115	0.019	0.122	26399	2.801	137.9	0.9
4/25/99	2:10	B	OK	300	7.50	0.115	0.023	0.122	24636	2.687	201.8	1.9
4/25/99	2:15	A	OK	300	7.50	0.115	0.021	0.122	26089	2.769	208.0	1.2
4/25/99	2:20	B	OK	300	7.50	0.115	0.028	0.122	25052	2.732	213.8	1.4
4/25/99	2:25	A	OK	300	7.50	0.115	0.031	0.122	26837	2.848	217.8	1.3
4/25/99	2:30	B	OK	300	7.50	0.115	0.024	0.122	27588	3.009	217.8	0.5
4/25/99	2:35	A	OK	300	7.50	0.115	0.019	0.123	28342	3.008	217.8	0.5
4/25/99	2:40	B	OK	300	7.50	0.115	0.028	0.122	27492	2.998	217.8	0.3
4/25/99	2:45	A	OK	300	7.50	0.115	0.023	0.123	29830	3.166	217.8	0.4
4/25/99	2:50	B	OK	300	7.50	0.115	0.028	0.123	30221	3.296	217.8	0.5
4/25/99	2:55	A	OK	300	7.50	0.115	0.020	0.123	30246	3.210	217.8	1.4
4/25/99	3:00	B	OK	300	7.50	0.115	0.027	0.123	30277	3.302	217.8	0.7
4/25/99	3:05	A	OK	300	7.50	0.115	0.036	0.123	30300	3.215	217.8	0.6
4/25/99	3:10	B	OK	300	7.50	0.115	0.022	0.123	28057	3.060	217.8	0.8
4/25/99	3:15	A	OK	300	7.49	0.115	0.024	0.124	32263	3.425	217.8	0.6
4/25/99	3:20	B	OK	300	7.50	0.115	0.029	0.123	29638	3.233	217.8	0.3
4/25/99	3:25	A	OK	300	7.50	0.115	0.025	0.124	33129	3.516	217.8	0.8
4/25/99	3:30	B	OK	300	7.50	0.115	0.024	0.124	31440	3.429	217.8	0.9
4/25/99	3:35	A	OK	300	7.50	0.115	0.021	0.124	33975	3.605	217.8	0.9
4/25/99	3:40	B	OK	300	7.50	0.115	0.023	0.124	32751	3.572	217.8	1.4
4/25/99	3:45	A	OK	300	7.50	0.115	0.021	0.130	57333	6.084	217.9	1.2
4/25/99	3:50	B	OK	300	7.50	0.115	0.019	0.135	76066	8.296	217.9	0.3
4/25/99	3:55	A	OK	300	7.50	0.115	0.023	0.129	51555	5.471	217.9	0.7
4/25/99	4:00	B	OK	300	7.50	0.115	0.028	0.124	34950	3.812	217.9	0.7
4/25/99	4:05	A	OK	300	7.50	0.115	0.019	0.125	37143	3.942	217.9	0.5
4/25/99	4:10	B	OK	300	7.50	0.115	0.022	0.124	33444	3.648	217.9	0.9
4/25/99	4:15	A	OK	300	7.50	0.115	0.024	0.124	34001	3.608	217.9	0.5
4/25/99	4:20	B	OK	300	7.50	0.115	0.022	0.124	34902	3.807	217.9	0.8
4/25/99	4:25	A	OK	300	7.50	0.115	0.036	0.125	34468	3.658	217.9	1.3
4/25/99	4:30	B	OK	300	7.50	0.115	0.023	0.124	34020	3.710	217.8	1.3
4/25/99	4:35	A	OK	300	7.50	0.115	0.023	0.124	32563	3.456	217.4	1.5
4/25/99	4:40	B	OK	300	7.50	0.115	0.025	0.123	29363	3.203	145.6	1.4
4/25/99	4:45	A	OK	300	7.50	0.115	0.022	0.123	30059	3.190	141.4	1.7
4/25/99	4:50	B	OK	300	7.50	0.115	0.023	0.123	28255	3.082	143.3	1.6
4/25/99	4:55	A	OK	300	7.50	0.115	0.021	0.124	31374	3.329	143.2	1.3
4/25/99	5:00	B	OK	300	7.50	0.115	0.023	0.123	29889	3.260	117.9	1.7
4/25/99	5:05	A	OK	300	7.50	0.115	0.024	0.123	29251	3.104	102.9	1.4
4/25/99	5:10	B	OK	300	7.50	0.115	0.022	0.122	26148	2.853	75.2	2.3
4/25/99	5:15	A	OK	300	7.50	0.115	0.025	0.122	25807	2.739	73.6	2.2
4/25/99	5:20	B	OK	300	7.50	0.115	0.022	0.122	25281	2.757	77.6	2.5
4/25/99	5:25	A	OK	300	7.50	0.115	0.023	0.122	25865	2.745	76.6	1.6
4/25/99	5:30	B	OK	300	7.50	0.115	0.017	0.122	26247	2.863	109.3	1.8
4/25/99	5:35	A	OK	300	7.50	0.115	0.023	0.123	26416	2.803	120.5	1.7
4/25/99	5:40	B	OK	300	7.50	0.115	0.036	0.122	25385	2.769	103.8	2.2
4/25/99	5:45	A	OK	300	7.50	0.115	0.026	0.122	25623	2.719	72.9	1.6
4/25/99	5:50	B	OK	300	7.50	0.115	0.031	0.122	25885	2.823	69.7	1.0
4/25/99	5:55	A	OK	300	7.50	0.115	0.019	0.123	27260	2.893	69.6	1.0

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/25/99	6:00	B	OK	300	7.50	0.115	0.021	0.122	26275	2.866	69.6	0.8
4/25/99	6:05	A	OK	300	7.50	0.115	0.025	0.123	26918	2.857	69.6	0.8
4/25/99	6:10	B	OK	300	7.50	0.115	0.018	0.122	25639	2.796	69.6	0.7
4/25/99	6:15	A	OK	300	7.50	0.115	0.024	0.122	24929	2.645	69.6	0.6
4/25/99	6:20	B	OK	300	7.50	0.115	0.019	0.122	24708	2.695	69.6	0.5
4/25/99	6:25	A	OK	300	7.50	0.115	0.021	0.123	26696	2.833	69.6	0.8
4/25/99	6:30	B	OK	300	7.50	0.115	0.025	0.123	27886	3.041	69.6	1.1
4/25/99	6:35	A	OK	300	7.50	0.115	0.023	0.123	28038	2.975	77.6	2.1
4/25/99	6:40	B	OK	300	7.50	0.115	0.021	0.123	27667	3.018	88.3	2.5
4/25/99	6:45	A	OK	300	7.50	0.115	0.020	0.123	28359	3.009	91.6	2.1
4/25/99	6:50	B	OK	300	7.50	0.115	0.021	0.123	28937	3.156	90.0	1.7
4/25/99	6:55	A	OK	300	7.50	0.115	0.021	0.123	30015	3.185	74.2	2.8
4/25/99	7:00	B	OK	300	7.50	0.115	0.019	0.123	29148	3.179	77.3	3.0
4/25/99	7:05	A	OK	300	7.50	0.115	0.025	0.123	29199	3.099	72.8	3.2
4/25/99	7:10	B	OK	300	7.50	0.115	0.021	0.123	28361	3.094	80.2	3.2
4/25/99	7:15	A	OK	300	7.50	0.115	0.026	0.123	28612	3.036	81.3	2.8
4/25/99	7:20	B	OK	300	7.50	0.115	0.021	0.123	28484	3.107	64.4	3.1
4/25/99	7:25	A	OK	300	7.50	0.115	0.023	0.124	30552	3.242	58.3	3.1
4/25/99	7:30	B	OK	300	7.50	0.115	0.020	0.124	30878	3.368	61.4	3.3
4/25/99	7:35	A	OK	300	7.50	0.115	0.023	0.124	32277	3.425	61.6	3.9
4/25/99	7:40	B	OK	300	7.50	0.115	0.022	0.124	31953	3.485	71.2	3.0
4/25/99	7:45	A	OK	300	7.50	0.115	0.020	0.125	34519	3.663	80.9	3.2
4/25/99	7:50	B	OK	300	7.50	0.115	0.018	0.124	33741	3.680	112.7	4.6
4/25/99	7:55	A	OK	300	7.50	0.115	0.024	0.125	34980	3.712	98.5	4.7
4/25/99	8:00	B	OK	300	7.50	0.115	0.020	0.125	34882	3.804	89.6	4.4
4/25/99	8:05	A	OK	300	7.50	0.115	0.024	0.125	35875	3.807	85.0	6.2
4/25/99	8:10	B	OK	300	7.50	0.115	0.021	0.125	36900	4.025	86.1	5.3
4/25/99	8:15	A	OK	300	7.50	0.115	0.025	0.125	38313	4.066	98.7	6.0
4/25/99	8:20	B	OK	300	7.50	0.115	0.025	0.125	38724	4.224	93.6	4.9
4/25/99	8:25	A	OK	300	7.50	0.115	0.017	0.126	40103	4.256	100.6	5.8
4/25/99	8:30	B	OK	300	7.50	0.115	0.023	0.126	40131	4.377	101.5	5.0
4/25/99	8:35	A	OK	300	7.50	0.115	0.019	0.126	40547	4.303	95.7	5.2
4/25/99	8:40	B	OK	300	7.50	0.115	0.022	0.126	40723	4.441	102.6	6.0
4/25/99	8:45	A	OK	300	7.50	0.115	0.021	0.126	41786	4.434	95.0	6.2
4/25/99	8:50	B	OK	300	7.50	0.115	0.022	0.126	42073	4.589	103.7	6.0
4/25/99	8:55	A	OK	300	7.50	0.115	0.018	0.126	43345	4.600	102.5	4.6
4/25/99	9:00	B	OK	300	7.50	0.115	0.020	0.126	42127	4.595	112.2	5.5
4/25/99	9:05	A	OK	300	7.49	0.114	0.021	0.126	43040	4.569	104.0	5.4
4/25/99	9:10	B	OK	300	7.50	0.114	0.025	0.126	42071	4.589	113.4	6.5
4/25/99	9:15	A	OK	300	7.50	0.114	0.020	0.126	43095	4.573	108.7	5.5
4/25/99	9:20	B	OK	300	7.50	0.114	0.023	0.126	43307	4.723	96.1	4.6
4/25/99	9:25	A	OK	300	7.50	0.114	0.023	0.126	42837	4.546	102.1	5.0
4/25/99	9:30	B	OK	300	7.50	0.114	0.020	0.125	40726	4.442	103.7	5.6
4/25/99	9:35	A	OK	300	7.50	0.114	0.021	0.126	42956	4.558	132.6	5.6
4/25/99	9:40	B	OK	300	7.50	0.114	0.018	0.126	42777	4.666	122.0	6.0
4/25/99	9:45	A	OK	300	7.50	0.114	0.020	0.126	43169	4.581	146.7	5.5
4/25/99	9:50	B	OK	300	7.50	0.114	0.020	0.126	44459	4.849	118.7	6.5
4/25/99	9:55	A	OK	300	7.50	0.114	0.020	0.125	39938	4.238	118.7	6.5
4/25/99	10:00	B	OK	300	7.50	0.114	0.024	0.125	39987	4.361	123.7	3.6
4/25/99	10:05	A	OK	300	7.50	0.114	0.021	0.126	43961	4.665	134.6	6.1
4/25/99	10:10	B	OK	300	7.50	0.114	0.024	0.125	39319	4.288	118.6	5.5
4/25/99	10:15	A	OK	300	7.50	0.114	0.031	0.125	41567	4.411	148.8	4.6
4/25/99	10:20	B	OK	300	7.50	0.114	0.025	0.125	39636	4.323	112.2	7.7
4/25/99	10:25	A	OK	300	7.50	0.114	0.021	0.125	41201	4.372	101.5	6.2

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/25/99	10:30	B	OK	300	7.50	0.114	0.022	0.124	39575	4.316	105.6	6.5
4/25/99	10:35	A	OK	300	7.50	0.114	0.024	0.125	38693	4.106	124.2	4.7
4/25/99	10:40	B	OK	300	7.50	0.114	0.020	0.124	35757	3.900	85.0	6.0
4/25/99	10:45	A	OK	300	7.50	0.114	0.022	0.124	38409	4.076	134.1	5.1
4/25/99	10:50	B	OK	300	7.50	0.114	0.022	0.124	37448	4.084	101.1	6.2
4/25/99	10:55	A	OK	300	7.50	0.114	0.021	0.125	38867	4.125	104.9	5.1
4/25/99	11:00	B	OK	300	7.50	0.114	0.019	0.124	36724	4.007	92.2	4.3
4/25/99	11:05	A	OK	300	7.50	0.114	0.019	0.124	39001	4.139	93.0	7.2
4/25/99	11:10	B	OK	300	7.50	0.114	0.026	0.123	36873	4.022	100.1	7.8
4/25/99	11:15	A	OK	300	7.50	0.114	0.026	0.123	34488	3.660	115.0	8.6
4/25/99	11:20	B	OK	300	7.50	0.114	0.021	0.123	32022	3.493	151.1	4.3
4/25/99	11:25	A	OK	300	7.50	0.114	0.017	0.123	34499	3.661	122.6	7.9
4/25/99	11:30	B	OK	300	7.50	0.114	0.022	0.123	33864	3.693	122.9	8.0
4/25/99	11:35	A	OK	300	7.50	0.114	0.022	0.123	33785	3.585	88.6	6.2
4/25/99	11:40	B	OK	300	7.50	0.114	0.023	0.123	33909	3.698	95.2	4.6
4/25/99	11:45	A	OK	300	7.50	0.114	0.023	0.123	34941	3.708	111.9	5.6
4/25/99	11:50	B	OK	300	7.50	0.114	0.022	0.122	30823	3.362	96.7	8.3
4/25/99	11:55	A	OK	300	7.50	0.114	0.025	0.123	33319	3.536	87.9	8.4
4/25/99	12:00	B	OK	300	7.50	0.114	0.027	0.122	32023	3.493	139.2	9.4
4/25/99	12:05	A	OK	300	7.50	0.114	0.020	0.122	32172	3.414	111.1	7.0
4/25/99	12:10	B	OK	300	7.50	0.114	0.023	0.122	30034	3.276	104.7	6.3
4/25/99	12:15	A	OK	300	7.50	0.114	0.020	0.123	33294	3.533	121.2	4.9
4/25/99	12:20	B	OK	300	7.50	0.114	0.022	0.121	29114	3.175	138.5	5.3
4/25/99	12:25	A	OK	300	7.50	0.114	0.019	0.123	32472	3.446	78.7	5.2
4/25/99	12:30	B	OK	300	7.50	0.114	0.022	0.122	32146	3.506	100.4	7.6
4/25/99	12:35	A	OK	300	7.50	0.114	0.024	0.123	34077	3.616	103.2	6.2
4/25/99	12:40	B	OK	300	7.50	0.114	0.021	0.122	32779	3.575	78.4	6.1
4/25/99	12:45	A	OK	300	7.50	0.114	0.025	0.122	32704	3.471	81.5	7.1
4/25/99	12:50	B	OK	300	7.50	0.114	0.021	0.122	30599	3.338	67.1	5.8
4/25/99	12:55	A	OK	300	7.50	0.114	0.018	0.122	32453	3.444	102.6	6.3
4/25/99	13:00	B	OK	300	7.50	0.114	0.022	0.122	32069	3.498	103.0	8.3
4/25/99	13:05	A	OK	300	7.50	0.114	0.022	0.122	31979	3.394	98.4	8.1
4/25/99	13:10	B	OK	300	7.50	0.113	0.019	0.122	30721	3.351	76.0	6.5
4/25/99	13:15	A	OK	300	7.50	0.114	0.020	0.122	32066	3.403	80.7	6.5
4/25/99	13:20	B	OK	300	7.50	0.113	0.021	0.122	31190	3.402	92.8	5.2
4/25/99	13:25	A	OK	300	7.50	0.114	0.027	0.122	30876	3.277	79.6	7.1
4/25/99	13:30	B	OK	300	7.50	0.113	0.021	0.122	31460	3.431	68.0	5.7
4/25/99	13:35	A	OK	300	7.50	0.113	0.022	0.122	30659	3.253	96.5	9.6
4/25/99	13:40	B	OK	300	7.50	0.113	0.023	0.121	30173	3.291	91.1	7.3
4/25/99	13:45	A	OK	300	7.50	0.113	0.025	0.122	31277	3.319	79.9	3.7
4/25/99	13:50	B	OK	300	7.50	0.113	0.023	0.122	30682	3.346	109.3	7.1
4/25/99	13:55	A	OK	300	7.50	0.113	0.020	0.122	31216	3.313	56.1	8.2
4/25/99	14:00	B	OK	300	7.50	0.113	0.023	0.121	29980	3.270	153.3	7.3
4/25/99	14:05	A	OK	300	7.50	0.113	0.023	0.122	30091	3.193	143.0	6.5
4/25/99	14:10	B	OK	300	7.50	0.113	0.023	0.122	32930	3.592	90.2	4.2
4/25/99	14:15	A	OK	300	7.50	0.113	0.020	0.122	31547	3.348	99.6	5.0
4/25/99	14:20	B	OK	300	7.50	0.113	0.025	0.121	30769	3.356	30.6	3.1
4/25/99	14:25	A	OK	300	7.50	0.113	0.019	0.121	30613	3.249	155.4	8.2
4/25/99	14:30	B	OK	300	7.50	0.113	0.021	0.121	29679	3.237	107.4	8.5
4/25/99	14:35	A	OK	300	7.50	0.113	0.025	0.121	30200	3.205	112.9	7.7
4/25/99	14:40	B	OK	300	7.50	0.113	0.023	0.121	29228	3.189	148.6	6.4
4/25/99	14:45	A	OK	300	7.50	0.113	0.022	0.121	29670	3.149	162.4	8.0
4/25/99	14:50	B	OK	300	7.50	0.113	0.021	0.121	28543	3.113	201.4	5.8
4/25/99	14:55	A	OK	300	7.50	0.113	0.025	0.121	29612	3.142	210.3	3.1

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/25/99	15:00	B	OK	300	7.50	0.113	0.023	0.121	29750	3.245	131.0	6.3
4/25/99	15:05	A	OK	300	7.50	0.113	0.017	0.121	29555	3.136	172.1	4.4
4/25/99	15:10	B	OK	300	7.50	0.113	0.025	0.121	30533	3.330	181.0	3.0
4/25/99	15:15	A	OK	300	7.50	0.113	0.023	0.121	29525	3.133	124.7	7.5
4/25/99	15:20	B	OK	300	7.50	0.113	0.023	0.121	28204	3.076	116.9	5.2
4/25/99	15:25	A	OK	300	7.50	0.113	0.020	0.121	28252	2.998	125.9	6.5
4/25/99	15:30	B	OK	300	7.50	0.113	0.024	0.121	30230	3.297	132.1	2.8
4/25/99	15:35	A	OK	300	7.50	0.113	0.020	0.121	29537	3.134	173.6	3.4
4/25/99	15:40	B	OK	300	7.50	0.113	0.019	0.121	28155	3.071	153.1	7.2
4/25/99	15:45	A	OK	300	7.50	0.113	0.022	0.121	30728	3.261	182.4	3.8
4/25/99	15:50	B	OK	300	7.50	0.113	0.022	0.120	27735	3.025	163.8	5.2
4/25/99	15:55	A	OK	300	7.50	0.113	0.022	0.121	29256	3.105	136.2	4.1
4/25/99	16:00	B	OK	300	7.50	0.113	0.022	0.120	27701	3.021	160.3	3.9
4/25/99	16:05	A	OK	300	7.50	0.113	0.019	0.121	30098	3.194	73.0	3.7
4/25/99	16:45	A	OK	300	7.47	0.113	0.024	0.123	36939	4.039	222.9	2.6
4/25/99	16:50	B	OK	300	7.50	0.113	0.027	0.121	27547	3.046	133.0	5.4
4/25/99	16:55	A	OK	300	7.50	0.113	0.027	0.121	27069	2.950	139.7	5.1
4/25/99	17:00	B	OK	300	7.50	0.113	0.019	0.120	26650	2.947	122.6	4.8
4/25/99	17:05	A	OK	300	7.50	0.113	0.026	0.120	26856	2.927	165.3	4.0
4/25/99	17:10	B	OK	300	7.50	0.113	0.020	0.120	25196	2.786	210.9	4.5
4/25/99	17:15	A	OK	300	7.50	0.113	0.021	0.120	25311	2.758	165.9	4.6
4/25/99	17:20	B	OK	300	7.50	0.113	0.020	0.120	25065	2.771	122.0	3.6
4/25/99	17:25	A	OK	300	7.50	0.113	0.018	0.120	25734	2.804	201.5	3.9
4/25/99	17:30	B	OK	300	7.50	0.113	0.018	0.120	25095	2.775	177.0	5.8
4/25/99	17:35	A	OK	300	7.50	0.113	0.019	0.120	24668	2.688	216.3	3.6
4/25/99	17:40	B	OK	300	7.50	0.113	0.025	0.120	24020	2.656	154.2	3.7
4/25/99	17:45	A	OK	300	7.50	0.113	0.016	0.120	24363	2.655	167.8	6.2
4/25/99	17:50	B	OK	300	7.50	0.113	0.022	0.120	23294	2.576	158.6	3.7
4/25/99	17:55	A	OK	300	7.50	0.113	0.028	0.120	25469	2.776	145.2	1.8
4/25/99	18:00	B	OK	300	7.50	0.113	0.019	0.120	24673	2.728	161.4	2.7
4/25/99	18:05	A	OK	300	7.50	0.113	0.025	0.120	24199	2.637	171.2	3.6
4/25/99	18:10	B	OK	300	7.50	0.113	0.026	0.120	23248	2.570	201.2	4.2
4/25/99	18:15	A	OK	300	7.50	0.113	0.022	0.120	24216	2.639	198.4	3.6
4/25/99	18:20	B	OK	300	7.50	0.113	0.021	0.120	23613	2.611	193.0	2.9
4/25/99	18:25	A	OK	300	7.49	0.113	0.028	0.120	24304	2.650	174.5	2.9
4/25/99	18:30	B	OK	300	7.50	0.113	0.019	0.120	22402	2.477	183.0	4.7
4/25/99	18:35	A	OK	300	7.50	0.113	0.020	0.120	23158	2.524	189.5	3.7
4/25/99	18:40	B	OK	300	7.50	0.114	0.018	0.120	22494	2.487	206.8	2.8
4/25/99	18:45	A	OK	300	7.50	0.114	0.027	0.120	22417	2.443	188.4	4.3
4/25/99	18:50	B	OK	300	7.50	0.114	0.029	0.120	21696	2.399	169.4	3.3
4/25/99	18:55	A	OK	300	7.50	0.114	0.024	0.120	22077	2.406	191.8	3.3
4/25/99	19:00	B	OK	300	7.50	0.114	0.023	0.119	21169	2.341	180.6	3.2
4/25/99	19:05	A	OK	300	7.50	0.114	0.021	0.120	21611	2.355	173.8	3.4
4/25/99	19:10	B	OK	300	7.50	0.114	0.020	0.119	21163	2.340	171.9	1.9
4/25/99	19:15	A	OK	300	7.50	0.114	0.021	0.120	21713	2.366	210.6	2.4
4/25/99	19:20	B	OK	300	7.50	0.114	0.024	0.120	21037	2.326	203.2	3.4
4/25/99	19:25	A	OK	300	7.50	0.114	0.027	0.120	21733	2.368	192.4	2.5
4/25/99	19:30	B	OK	300	7.50	0.114	0.019	0.120	21466	2.373	173.0	2.1
4/25/99	19:35	A	OK	300	7.50	0.114	0.029	0.120	22300	2.430	169.8	2.3
4/25/99	19:40	B	OK	300	7.50	0.114	0.021	0.120	22088	2.442	169.3	2.0
4/25/99	19:45	A	OK	300	7.50	0.114	0.022	0.120	22462	2.448	164.5	1.9
4/25/99	19:50	B	OK	300	7.50	0.114	0.023	0.120	21171	2.341	167.2	1.8
4/25/99	19:55	A	OK	300	7.50	0.114	0.021	0.120	22774	2.482	174.7	1.2
4/25/99	20:00	B	OK	300	7.50	0.114	0.024	0.120	20834	2.304	178.4	1.4

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/25/99	20:05	A	OK	300	7.50	0.114	0.021	0.120	23268	2.536	203.7	1.8
4/25/99	20:10	B	OK	300	7.50	0.114	0.028	0.120	24055	2.660	208.4	1.5
4/25/99	20:15	A	OK	300	7.49	0.114	0.022	0.121	24031	2.620	214.6	1.3
4/25/99	20:20	B	OK	300	7.50	0.114	0.025	0.120	22029	2.436	225.1	0.9
4/25/99	20:25	A	OK	300	7.50	0.114	0.023	0.121	22956	2.502	225.1	0.9
4/25/99	20:30	B	OK	300	7.50	0.114	0.018	0.120	22553	2.494	225.1	1.0
4/25/99	20:35	A	OK	300	7.50	0.114	0.022	0.121	25523	2.782	165.2	1.4
4/25/99	20:40	B	OK	300	7.50	0.114	0.033	0.121	23956	2.649	123.0	1.6
4/25/99	20:45	A	OK	300	7.50	0.114	0.020	0.121	24803	2.703	122.7	1.0
4/25/99	20:50	B	OK	300	7.50	0.114	0.023	0.121	21962	2.428	122.7	0.7
4/25/99	20:55	A	OK	300	7.50	0.115	0.020	0.121	22380	2.439	122.7	0.4
4/25/99	21:00	B	OK	300	7.50	0.115	0.029	0.121	23740	2.625	141.6	0.8
4/25/99	21:05	A	OK	300	7.50	0.115	0.023	0.121	22312	2.432	172.5	1.9
4/25/99	21:10	B	OK	300	7.50	0.115	0.022	0.120	20104	2.223	188.6	2.5
4/25/99	21:15	A	OK	300	7.50	0.115	0.024	0.120	20489	2.233	190.8	2.6
4/25/99	21:20	B	OK	300	7.50	0.115	0.020	0.120	19550	2.162	180.7	2.3
4/25/99	21:25	A	OK	300	7.50	0.115	0.024	0.120	19997	2.179	183.7	2.3
4/25/99	21:30	B	OK	300	7.50	0.115	0.020	0.120	19473	2.153	177.3	2.8
4/25/99	21:35	A	OK	300	7.50	0.115	0.023	0.120	20172	2.198	184.8	2.9
4/25/99	21:40	B	OK	300	7.50	0.115	0.020	0.120	19448	2.150	186.8	3.1
4/25/99	21:45	A	OK	300	7.50	0.115	0.023	0.120	20347	2.217	171.4	2.9
4/25/99	21:50	B	OK	300	7.50	0.115	0.022	0.120	18813	2.080	172.9	2.3
4/25/99	21:55	A	OK	300	7.50	0.115	0.021	0.121	20825	2.270	178.9	2.0
4/25/99	22:00	B	OK	300	7.50	0.115	0.020	0.120	19097	2.112	199.3	4.4
4/25/99	22:05	A	OK	300	7.50	0.115	0.020	0.120	19749	2.152	209.2	4.8
4/25/99	22:10	B	OK	300	7.50	0.115	0.024	0.120	18809	2.080	207.4	4.7
4/25/99	22:15	A	OK	300	7.50	0.115	0.020	0.120	18312	1.996	212.7	5.0
4/25/99	22:20	B	OK	300	7.50	0.115	0.022	0.120	18253	2.018	206.0	3.9
4/25/99	22:25	A	OK	300	7.50	0.115	0.023	0.120	18284	1.993	193.6	3.4
4/25/99	22:30	B	OK	300	7.50	0.115	0.020	0.120	18530	2.049	190.7	3.1
4/25/99	22:35	A	OK	300	7.50	0.115	0.025	0.120	19289	2.102	205.2	4.1
4/25/99	22:40	B	OK	300	7.50	0.115	0.020	0.120	18054	1.996	204.9	4.5
4/25/99	22:45	A	OK	300	7.50	0.115	0.023	0.120	18608	2.028	193.0	4.1
4/25/99	22:50	B	OK	300	7.50	0.115	0.022	0.120	17042	1.884	202.6	3.7
4/25/99	22:55	A	OK	300	7.50	0.115	0.024	0.120	18897	2.059	205.3	4.2
4/25/99	23:00	B	OK	300	7.50	0.115	0.022	0.120	18553	2.051	202.7	3.8
4/25/99	23:05	A	OK	300	7.50	0.115	0.020	0.120	18735	2.042	201.8	3.4
4/25/99	23:10	B	OK	300	7.50	0.115	0.020	0.120	18337	2.027	205.7	3.2
4/25/99	23:15	A	OK	300	7.50	0.115	0.022	0.120	19096	2.081	196.3	2.5
4/25/99	23:20	B	OK	300	7.50	0.115	0.020	0.120	19065	2.108	204.7	2.1
4/25/99	23:25	A	OK	300	7.50	0.115	0.023	0.120	18692	2.037	199.0	2.5
4/25/99	23:30	B	OK	300	7.50	0.115	0.019	0.120	18847	2.084	206.0	2.7
4/25/99	23:35	A	OK	300	7.50	0.115	0.020	0.120	19594	2.135	215.6	3.0
4/25/99	23:40	B	OK	300	7.50	0.115	0.021	0.120	18122	2.004	198.5	2.7
4/25/99	23:45	A	OK	300	7.50	0.115	0.021	0.120	19971	2.176	207.2	3.2
4/25/99	23:50	B	OK	300	7.50	0.115	0.020	0.120	19137	2.116	203.3	3.3
4/25/99	23:55	A	OK	300	7.50	0.115	0.020	0.120	19557	2.131	210.1	3.5
4/26/99	0:00	B	OK	300	7.50	0.115	0.021	0.120	18812	2.080	213.5	3.9
4/26/99	0:05	A	OK	300	7.50	0.115	0.021	0.120	20211	2.203	215.0	3.3
4/26/99	0:10	B	OK	300	7.50	0.115	0.021	0.120	18885	2.089	219.4	2.8
4/26/99	0:15	A	OK	300	7.50	0.115	0.024	0.120	18038	1.966	202.5	4.6
4/26/99	0:20	B	OK	300	7.50	0.115	0.028	0.120	17950	1.985	190.8	4.3
4/26/99	0:25	A	OK	300	7.50	0.115	0.025	0.120	19378	2.112	182.6	3.9
4/26/99	0:30	B	OK	300	7.50	0.115	0.026	0.12	18942	2.094	180.5	3.1

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/26/99	0:35	A	OK	300	7.50	0.115	0.026	0.120	19844	2.163	194.7	4.3
4/26/99	0:40	B	OK	300	7.50	0.115	0.027	0.120	19054	2.107	199.6	5.0
4/26/99	0:45	A	OK	300	7.50	0.115	0.020	0.120	20166	2.198	198.7	5.4
4/26/99	0:50	B	OK	300	7.50	0.115	0.025	0.120	19200	2.123	199.8	5.5
4/26/99	0:55	A	OK	300	7.50	0.115	0.018	0.120	19625	2.139	198.3	5.2
4/26/99	1:00	B	OK	300	7.50	0.115	0.023	0.120	19258	2.129	196.2	4.6
4/26/99	1:05	A	OK	300	7.50	0.115	0.021	0.120	19973	2.177	192.4	4.8
4/26/99	1:10	B	OK	300	7.50	0.115	0.027	0.120	19161	2.119	198.4	5.0
4/26/99	1:15	A	OK	300	7.50	0.115	0.024	0.120	20154	2.196	196.0	4.2
4/26/99	1:20	B	OK	300	7.50	0.115	0.025	0.120	20118	2.224	192.8	4.7
4/26/99	1:25	A	OK	300	7.50	0.115	0.022	0.121	20576	2.242	204.4	4.1
4/26/99	1:30	B	OK	300	7.50	0.115	0.021	0.120	20531	2.270	207.3	4.8
4/26/99	1:35	A	OK	300	7.50	0.115	0.023	0.121	20903	2.278	205.1	5.1
4/26/99	1:40	B	OK	300	7.50	0.115	0.022	0.121	19473	2.153	199.3	5.1
4/26/99	1:45	A	OK	300	7.50	0.115	0.020	0.121	21061	2.295	204.2	4.8
4/26/99	1:50	B	OK	300	7.50	0.115	0.020	0.121	21175	2.341	206.3	4.9
4/26/99	1:55	A	OK	300	7.50	0.115	0.027	0.121	21611	2.355	211.3	5.3
4/26/99	2:00	B	OK	300	7.50	0.115	0.028	0.121	21139	2.337	207.9	5.8
4/26/99	2:05	A	OK	300	7.50	0.115	0.017	0.121	21757	2.371	213.2	6.3
4/26/99	2:10	B	OK	300	7.50	0.115	0.028	0.121	21664	2.395	213.4	5.8
4/26/99	2:15	A	OK	300	7.49	0.115	0.019	0.121	21748	2.371	213.2	5.5
4/26/99	2:20	B	OK	300	7.50	0.115	0.024	0.121	20958	2.317	213.6	5.3
4/26/99	2:25	A	OK	300	7.50	0.115	0.020	0.121	21995	2.397	212.7	4.1
4/26/99	2:30	B	OK	300	7.50	0.115	0.023	0.121	22312	2.467	211.7	4.3
4/26/99	2:35	A	OK	300	7.50	0.115	0.019	0.121	23341	2.544	207.8	3.6
4/26/99	2:40	B	OK	300	7.50	0.115	0.025	0.121	23241	2.570	209.3	3.5
4/26/99	2:45	A	OK	300	7.50	0.115	0.021	0.122	23886	2.603	206.7	4.2
4/26/99	2:50	B	OK	300	7.50	0.115	0.024	0.121	23354	2.582	211.7	4.7
4/26/99	2:55	A	OK	300	7.50	0.115	0.023	0.122	23476	2.559	213.0	3.9
4/26/99	3:00	B	OK	300	7.50	0.115	0.022	0.122	25219	2.788	221.3	3.5
4/26/99	3:05	A	OK	300	7.50	0.115	0.021	0.122	26449	2.883	210.7	3.2
4/26/99	3:10	B	OK	300	7.50	0.115	0.025	0.122	26628	2.944	208.3	3.9
4/26/99	3:15	A	OK	300	7.50	0.115	0.026	0.122	26942	2.936	210.0	4.3
4/26/99	3:20	B	OK	300	7.50	0.115	0.021	0.122	27092	2.996	204.5	3.5
4/26/99	3:25	A	OK	300	7.50	0.115	0.022	0.122	27165	2.961	199.9	4.3
4/26/99	3:30	B	OK	300	7.50	0.115	0.022	0.122	25902	2.864	201.3	4.0
4/26/99	3:35	A	OK	300	7.50	0.115	0.028	0.122	26755	2.916	206.0	4.0
4/26/99	3:40	B	OK	300	7.50	0.115	0.022	0.122	26354	2.914	202.5	3.3
4/26/99	3:45	A	OK	300	7.50	0.115	0.019	0.122	25985	2.832	199.8	3.5
4/26/99	3:50	B	OK	300	7.50	0.115	0.019	0.122	25726	2.844	205.1	3.1
4/26/99	3:55	A	OK	300	7.50	0.115	0.021	0.122	26528	2.891	192.7	3.4
4/26/99	4:00	B	OK	300	7.50	0.115	0.018	0.122	25833	2.856	191.9	3.1
4/26/99	4:05	A	OK	300	7.50	0.115	0.020	0.122	26297	2.866	188.0	3.2
4/26/99	4:10	B	OK	300	7.50	0.115	0.022	0.122	26036	2.879	168.0	2.1
4/26/99	4:15	A	OK	300	7.50	0.115	0.022	0.122	27013	2.944	140.1	1.7
4/26/99	4:20	B	OK	300	7.50	0.115	0.022	0.122	28215	3.121	163.1	1.6
4/26/99	4:25	A	OK	300	7.50	0.115	0.027	0.123	28212	3.075	165.3	1.5
4/26/99	4:30	B	OK	300	7.50	0.115	0.026	0.122	27627	3.055	174.5	2.5
4/26/99	4:35	A	OK	300	7.50	0.115	0.026	0.123	28359	3.091	179.4	1.8
4/26/99	4:40	B	OK	300	7.50	0.115	0.025	0.122	26904	2.975	194.5	2.8
4/26/99	4:45	A	OK	300	7.50	0.115	0.018	0.123	28484	3.104	198.3	3.5
4/26/99	4:50	B	OK	300	7.50	0.115	0.020	0.122	27463	3.036	190.9	2.8
4/26/99	4:55	A	OK	300	7.50	0.115	0.020	0.123	28174	3.070	202.1	3.8
4/26/99	5:00	B	OK	300	7.50	0.115	0.025	0.122	27280	3.016	203.2	3.9

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/26/99	5:05	A	OK	300	7.50	0.115	0.022	0.122	26383	2.875	196.4	3.6
4/26/99	5:10	B	OK	300	7.50	0.115	0.024	0.122	26629	2.944	199.8	3.7
4/26/99	5:15	A	OK	300	7.50	0.115	0.020	0.122	25906	2.823	200.0	3.2
4/26/99	5:20	B	OK	300	7.50	0.115	0.023	0.122	24778	2.740	202.2	3.1
4/26/99	5:25	A	OK	300	7.50	0.115	0.020	0.122	25861	2.818	199.2	3.0
4/26/99	5:30	B	OK	300	7.50	0.115	0.026	0.122	25484	2.818	206.4	3.2
4/26/99	5:35	A	OK	300	7.50	0.115	0.023	0.122	25522	2.781	198.0	2.6
4/26/99	5:40	B	OK	300	7.50	0.115	0.019	0.122	24417	2.700	200.3	3.0
4/26/99	5:45	A	OK	300	7.50	0.115	0.023	0.122	24857	2.709	201.7	2.6
4/26/99	5:50	B	OK	300	7.50	0.115	0.022	0.122	24365	2.694	221.0	2.2
4/26/99	5:55	A	OK	300	7.50	0.115	0.022	0.122	25253	2.752	203.9	1.9
4/26/99	6:00	B	OK	300	7.50	0.115	0.021	0.122	25083	2.773	185.8	1.9
4/26/99	6:05	A	OK	300	7.50	0.115	0.027	0.122	25319	2.759	179.1	1.5
4/26/99	6:10	B	OK	300	7.50	0.115	0.024	0.122	26947	2.979	189.0	1.4
4/26/99	6:15	A	OK	300	7.50	0.115	0.025	0.122	26074	2.842	202.0	2.1
4/26/99	6:20	B	OK	300	7.50	0.115	0.021	0.122	25467	2.817	202.3	2.9
4/26/99	6:25	A	OK	300	7.50	0.115	0.019	0.122	26493	2.887	215.2	2.0
4/26/99	6:30	B	OK	300	7.50	0.115	0.025	0.122	25435	2.812	205.0	2.9
4/26/99	6:35	A	OK	300	7.50	0.115	0.023	0.122	24896	2.713	205.1	3.8
4/26/99	6:40	B	OK	300	7.50	0.115	0.022	0.121	24261	2.682	211.4	2.8
4/26/99	6:45	A	OK	300	7.50	0.115	0.018	0.121	24461	2.666	208.6	3.2
4/26/99	6:50	B	OK	300	7.50	0.115	0.018	0.121	23561	2.605	194.0	3.7
4/26/99	6:55	A	OK	300	7.50	0.115	0.025	0.122	24384	2.657	196.3	4.3
4/26/99	7:00	B	OK	300	7.50	0.115	0.023	0.121	23832	2.635	204.5	3.5
4/26/99	7:05	A	OK	300	7.50	0.115	0.021	0.122	25086	2.734	205.6	3.9
4/26/99	7:10	B	OK	300	7.50	0.115	0.024	0.121	24488	2.708	212.9	2.9
4/26/99	7:15	A	OK	300	7.50	0.115	0.031	0.122	24844	2.707	209.1	3.9
4/26/99	7:20	B	OK	300	7.50	0.115	0.021	0.121	23703	2.621	193.6	4.0
4/26/99	7:25	A	OK	300	7.50	0.115	0.035	0.122	24228	2.640	192.7	3.7
4/26/99	7:30	B	OK	300	7.50	0.115	0.018	0.121	23719	2.623	199.1	3.8
4/26/99	7:35	A	OK	300	7.50	0.115	0.023	0.122	24681	2.690	210.4	3.5
4/26/99	7:40	B	OK	300	7.50	0.115	0.024	0.122	24886	2.752	204.2	2.4
4/26/99	7:45	A	OK	300	7.50	0.115	0.028	0.122	25219	2.748	209.3	3.1
4/26/99	7:50	B	OK	300	7.50	0.115	0.022	0.122	25896	2.863	204.4	2.6
4/26/99	7:55	A	OK	300	7.50	0.115	0.023	0.122	27487	2.996	235.3	1.7
4/26/99	8:00	B	OK	300	7.50	0.115	0.023	0.122	26102	2.886	221.2	2.6
4/26/99	8:05	A	OK	300	7.50	0.115	0.026	0.122	26790	2.920	199.2	2.9
4/26/99	8:10	B	OK	300	7.50	0.115	0.020	0.122	26130	2.889	212.7	3.5
4/26/99	8:15	A	OK	300	7.50	0.115	0.016	0.122	24920	2.716	210.4	3.3
4/26/99	8:20	B	OK	300	7.50	0.115	0.025	0.121	23912	2.645	212.0	3.1
4/26/99	8:25	A	OK	300	7.50	0.115	0.020	0.122	26183	2.853	228.1	1.9
4/26/99	8:30	B	OK	300	7.50	0.115	0.018	0.122	26521	2.932	221.6	2.1
4/26/99	8:35	A	OK	300	7.50	0.115	0.024	0.122	25168	2.743	223.5	2.4
4/26/99	8:40	B	OK	300	7.50	0.114	0.021	0.121	24340	2.691	205.5	2.7
4/26/99	8:45	A	OK	300	7.50	0.114	0.019	0.121	23751	2.588	203.3	3.6
4/26/99	8:50	B	OK	300	7.50	0.114	0.021	0.122	26209	2.898	200.4	3.1
4/26/99	8:55	A	OK	300	7.50	0.114	0.026	0.122	28260	3.080	203.8	2.9
4/26/99	9:00	B	OK	300	7.50	0.114	0.021	0.122	28136	3.111	195.7	4.0
4/26/99	9:05	A	OK	300	7.50	0.114	0.022	0.122	29538	3.219	182.8	3.8
4/26/99	9:10	B	OK	300	7.50	0.114	0.020	0.122	28093	3.106	171.5	4.6
4/26/99	9:15	A	OK	300	7.50	0.114	0.026	0.122	28897	3.149	169.9	4.2
4/26/99	9:20	B	OK	300	7.50	0.114	0.022	0.123	31748	3.510	186.4	3.4
4/26/99	9:25	A	OK	300	7.50	0.114	0.019	0.123	32311	3.521	174.7	3.7
4/26/99	9:30	B	OK	300	7.50	0.114	0.022	0.123	31300	3.461	194.2	5.1

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/26/99	9:35	A	OK	300	7.50	0.114	0.023	0.124	34526	3.763	192.9	4.9
4/26/99	9:40	B	OK	300	7.50	0.114	0.021	0.123	34510	3.816	197.0	4.6
4/26/99	9:45	A	OK	300	7.50	0.114	0.023	0.124	36219	3.947	207.3	5.2
4/26/99	9:50	B	OK	300	7.50	0.114	0.019	0.124	36102	3.992	210.7	4.1
4/26/99	9:55	A	OK	300	7.50	0.114	0.025	0.124	37689	4.107	203.0	3.5
4/26/99	10:00	B	OK	300	7.50	0.114	0.020	0.123	34931	3.862	217.8	5.8
4/26/99	10:05	A	OK	300	7.50	0.114	0.022	0.122	30982	3.376	217.0	5.6
4/26/99	10:10	B	OK	300	7.50	0.114	0.020	0.122	31107	3.439	217.5	3.2
4/26/99	10:15	A	OK	300	7.49	0.114	0.019	0.123	30917	3.370	212.2	3.2
4/26/99	10:20	B	OK	300	7.50	0.114	0.027	0.122	31328	3.464	204.6	2.1
4/26/99	10:25	A	OK	300	7.50	0.114	0.022	0.123	32062	3.494	209.1	3.8
4/26/99	10:30	B	OK	300	7.50	0.114	0.018	0.122	29702	3.284	219.9	3.6
4/26/99	10:35	A	OK	300	7.50	0.114	0.019	0.122	29345	3.198	188.9	3.3
4/26/99	10:40	B	OK	300	7.50	0.114	0.026	0.121	27225	3.010	220.5	3.5
4/26/99	10:45	A	OK	300	7.50	0.114	0.024	0.122	29840	3.252	200.8	3.6
4/26/99	10:50	B	OK	300	7.50	0.114	0.018	0.122	28728	3.176	211.0	5.3
4/26/99	10:55	A	OK	300	7.50	0.114	0.024	0.122	29257	3.188	204.3	4.3
4/26/99	11:00	B	OK	300	7.50	0.114	0.023	0.122	29666	3.280	196.0	4.6
4/26/99	11:05	A	OK	300	7.50	0.114	0.026	0.122	30757	3.352	205.5	3.9
4/26/99	11:10	B	OK	300	7.50	0.114	0.016	0.123	32864	3.634	199.5	4.4
4/26/99	11:15	A	OK	300	7.50	0.114	0.018	0.124	36451	3.972	211.9	3.7
4/26/99	11:20	B	OK	300	7.50	0.114	0.018	0.124	38725	4.282	223.4	4.5
4/26/99	11:25	A	OK	300	7.50	0.114	0.019	0.123	34275	3.735	201.8	5.9
4/26/99	11:30	B	OK	300	7.50	0.114	0.018	0.122	32248	3.566	208.2	4.5
4/26/99	11:35	A	OK	300	7.50	0.114	0.032	0.122	31135	3.393	229.2	4.4
4/26/99	11:40	B	OK	300	7.50	0.114	0.024	0.122	32604	3.605	205.7	4.0
4/26/99	11:45	A	OK	300	7.50	0.114	0.020	0.123	33401	3.640	204.6	5.4
4/26/99	11:50	B	OK	300	7.50	0.114	0.022	0.125	44197	4.887	203.0	5.5
4/26/99	11:55	A	OK	300	7.50	0.114	0.021	0.125	42591	4.642	211.9	6.1
4/26/99	12:00	B	OK	300	7.50	0.114	0.020	0.125	42252	4.672	211.0	6.2
4/26/99	12:05	A	OK	300	7.50	0.114	0.018	0.125	40873	4.454	193.8	6.0
4/26/99	12:10	B	OK	300	7.50	0.114	0.023	0.125	43085	4.765	205.5	5.8
4/26/99	12:15	A	OK	300	7.50	0.114	0.021	0.125	44112	4.807	206.4	5.3
4/26/99	12:20	B	OK	300	7.50	0.114	0.021	0.124	37452	4.141	213.7	5.0
4/26/99	12:25	A	OK	300	7.50	0.114	0.021	0.123	36306	3.957	225.3	5.3
4/26/99	12:30	B	OK	300	7.50	0.114	0.023	0.124	37659	4.164	241.9	3.1
4/26/99	12:35	A	OK	300	7.50	0.114	0.023	0.124	37219	4.056	223.5	4.2
4/26/99	12:40	B	OK	300	7.50	0.114	0.023	0.122	30932	3.420	221.9	4.1
4/26/99	12:45	A	OK	300	7.50	0.114	0.019	0.123	32800	3.575	230.1	4.3
4/26/99	12:50	B	OK	300	7.50	0.114	0.020	0.123	34496	3.814	270.8	3.9
4/26/99	12:55	A	OK	300	7.50	0.114	0.024	0.123	34364	3.745	270.8	3.2
4/26/99	13:00	B	OK	300	7.50	0.114	0.020	0.123	34297	3.792	232.6	3.7
4/26/99	13:05	A	OK	300	7.50	0.113	0.022	0.123	35108	3.826	222.7	5.0
4/26/99	13:10	B	OK	300	7.50	0.114	0.022	0.123	33530	3.707	227.1	3.9
4/26/99	13:15	A	OK	300	7.50	0.114	0.020	0.123	33550	3.656	222.9	4.4
4/26/99	13:20	B	OK	300	7.50	0.113	0.020	0.122	33694	3.725	215.8	3.9
4/26/99	13:25	A	OK	300	7.50	0.113	0.022	0.123	34083	3.714	218.9	2.6
4/26/99	13:30	B	OK	300	7.50	0.113	0.025	0.122	32000	3.538	210.9	3.6
4/26/99	13:35	A	OK	300	7.50	0.114	0.019	0.123	35012	3.816	237.6	2.8
4/26/99	13:40	B	OK	300	7.50	0.113	0.018	0.123	34629	3.829	234.5	3.0
4/26/99	13:45	A	OK	300	7.50	0.113	0.020	0.123	36400	3.967	255.0	2.7
4/26/99	13:50	B	OK	300	7.50	0.113	0.020	0.123	35847	3.963	205.5	5.4
4/26/99	13:55	A	OK	300	7.50	0.113	0.019	0.123	36239	3.949	213.1	5.6
4/26/99	14:00	B	OK	300	7.50	0.113	0.026	0.123	35391	3.914	202.5	4.6

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/26/99	14:05	A	OK	300	7.50	0.113	0.019	0.123	36761	4.006	204.0	4.9
4/26/99	14:10	B	OK	300	7.50	0.113	0.026	0.122	34170	3.778	194.5	6.1
4/26/99	14:15	A	OK	300	7.50	0.113	0.018	0.122	32844	3.579	193.5	4.0
4/26/99	14:20	B	OK	300	7.50	0.113	0.020	0.122	33171	3.668	220.7	5.7
4/26/99	14:25	A	OK	300	7.50	0.113	0.019	0.123	34204	3.728	199.1	6.1
4/26/99	14:30	B	OK	300	7.50	0.113	0.024	0.123	34754	3.843	213.2	6.1
4/26/99	14:35	A	OK	300	7.50	0.113	0.023	0.123	34411	3.750	223.5	5.1
4/26/99	14:40	B	OK	300	7.50	0.113	0.020	0.122	31480	3.481	220.6	5.1
4/26/99	14:45	A	OK	300	7.50	0.113	0.017	0.122	31231	3.404	222.7	4.2
4/26/99	14:50	B	OK	300	7.50	0.113	0.028	0.121	29596	3.272	229.1	4.8
4/26/99	14:55	A	OK	300	7.50	0.113	0.024	0.121	28487	3.105	256.3	3.6
4/26/99	15:00	B	OK	300	7.50	0.113	0.020	0.120	25965	2.871	256.3	2.6
4/26/99	15:05	A	OK	300	7.50	0.113	0.025	0.120	25065	2.732	245.3	3.8
4/26/99	15:10	B	OK	300	7.50	0.113	0.021	0.120	24268	2.683	244.1	4.1
4/26/99	15:15	A	OK	300	7.50	0.113	0.025	0.121	28469	3.103	282.8	2.5
4/26/99	15:20	B	OK	300	7.50	0.113	0.022	0.121	30646	3.388	283.6	2.4
4/26/99	15:25	A	OK	300	7.50	0.113	0.024	0.122	28834	3.142	273.8	2.4
4/26/99	15:30	B	OK	300	7.50	0.113	0.021	0.122	31322	3.463	271.9	1.7
4/26/99	15:35	A	OK	300	7.50	0.114	0.020	0.122	32748	3.569	230.4	1.4
4/26/99	15:40	B	OK	300	7.50	0.114	0.020	0.123	33001	3.649	230.1	1.0
4/26/99	15:45	A	OK	300	7.50	0.114	0.024	0.123	34685	3.780	220.2	1.3
4/26/99	15:50	B	OK	300	7.50	0.114	0.019	0.123	32733	3.620	244.9	1.6
4/26/99	15:55	A	OK	300	7.50	0.114	0.021	0.124	38087	4.151	267.8	1.3
4/26/99	16:00	B	OK	300	7.50	0.114	0.021	0.125	44186	4.886	286.1	1.7
4/26/99	16:05	A	OK	300	7.50	0.114	0.021	0.126	44812	4.884	256.6	1.7
4/26/99	16:10	B	OK	300	7.50	0.114	0.021	0.124	38246	4.229	241.4	1.6
4/26/99	16:15	A	OK	300	7.50	0.114	0.020	0.124	38894	4.239	214.4	1.1
4/26/99	16:20	B	OK	300	7.50	0.114	0.016	0.122	30600	3.383	213.5	2.2
4/26/99	16:25	A	OK	300	7.50	0.114	0.019	0.123	35236	3.840	178.5	1.1
4/26/99	16:30	B	OK	300	7.50	0.114	0.019	0.123	34133	3.774	117.2	2.4
4/26/99	16:35	A	OK	300	7.50	0.114	0.025	0.123	33253	3.624	91.0	4.7
4/26/99	16:40	B	OK	300	7.50	0.114	0.022	0.122	30188	3.338	93.0	4.8
4/26/99	16:45	A	OK	300	7.50	0.114	0.024	0.122	31242	3.405	142.8	4.0
4/26/99	16:50	B	OK	300	7.50	0.114	0.026	0.122	31200	3.450	218.3	1.8
4/26/99	16:55	A	OK	300	7.50	0.114	0.021	0.124	35942	3.917	237.2	2.3
4/26/99	17:00	B	OK	300	7.50	0.114	0.020	0.123	36460	4.031	203.2	4.1
4/26/99	17:05	A	OK	300	7.50	0.114	0.019	0.125	42272	4.607	210.9	4.3
4/26/99	17:45	A	OK	300	7.47	0.113	0.021	0.131	64818	7.133	224.7	4.0
4/26/99	17:50	B	OK	300	7.50	0.114	0.020	0.122	29374	3.249	245.3	3.7
4/26/99	17:55	A	OK	300	7.50	0.114	0.024	0.121	28300	3.104	218.7	3.2
4/26/99	18:00	B	OK	300	7.50	0.114	0.020	0.121	26946	2.980	229.0	3.9
4/26/99	18:05	A	OK	300	7.50	0.114	0.022	0.121	26761	2.935	269.4	3.1
4/26/99	18:10	B	OK	300	7.50	0.114	0.021	0.121	27380	3.028	232.7	1.9
4/26/99	18:15	A	OK	300	7.50	0.114	0.021	0.121	26959	2.957	249.8	2.0
4/26/99	18:20	B	OK	300	7.50	0.114	0.021	0.121	26752	2.959	279.0	1.9
4/26/99	18:25	A	OK	300	7.50	0.114	0.019	0.121	27386	3.004	286.2	1.9
4/26/99	18:30	B	OK	300	7.50	0.114	0.021	0.121	27372	3.027	222.2	1.5
4/26/99	18:35	A	OK	300	7.50	0.114	0.021	0.121	27287	2.993	203.7	0.9
4/26/99	18:40	B	OK	300	7.50	0.114	0.022	0.121	26981	2.984	216.3	0.9
4/26/99	18:45	A	OK	300	7.50	0.114	0.022	0.121	26449	2.901	262.5	2.0
4/26/99	18:50	B	OK	300	7.50	0.114	0.019	0.121	26341	2.913	244.7	2.1
4/26/99	18:55	A	OK	300	7.50	0.114	0.024	0.121	26910	2.952	229.4	2.1
4/26/99	19:00	B	OK	300	7.50	0.114	0.025	0.121	25642	2.836	227.7	1.7
4/26/99	19:05	A	OK	300	7.50	0.114	0.022	0.121	24317	2.667	218.0	2.2

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/26/99	19:10	B	OK	300	7.50	0.114	0.022	0.120	24224	2.679	192.0	2.8
4/26/99	19:15	A	OK	300	7.50	0.114	0.020	0.121	24561	2.694	193.0	3.8
4/26/99	19:20	B	OK	300	7.50	0.114	0.023	0.120	23680	2.619	196.4	2.7
4/26/99	19:25	A	OK	300	7.50	0.114	0.023	0.121	26104	2.863	219.6	2.4
4/26/99	19:30	B	OK	300	7.50	0.114	0.021	0.121	24276	2.685	214.4	2.3
4/26/99	19:35	A	OK	300	7.49	0.114	0.023	0.121	25324	2.779	207.0	3.6
4/26/99	19:40	B	OK	300	7.50	0.114	0.022	0.121	25487	2.819	229.3	2.2
4/26/99	19:45	A	OK	300	7.50	0.114	0.023	0.121	27079	2.970	312.6	1.9
4/26/99	19:50	B	OK	300	7.50	0.114	0.025	0.122	31668	3.503	272.9	1.4
4/26/99	19:55	A	OK	300	7.50	0.114	0.017	0.122	27989	3.070	245.6	1.1
4/26/99	20:00	B	OK	300	7.50	0.114	0.023	0.121	28205	3.119	241.5	0.9
4/26/99	20:05	A	OK	300	7.50	0.114	0.020	0.122	28770	3.156	269.4	1.1
4/26/99	20:10	B	OK	300	7.50	0.114	0.026	0.122	31441	3.477	282.4	2.0
4/26/99	20:15	A	OK	300	7.50	0.114	0.021	0.122	31028	3.403	274.5	2.3
4/26/99	20:20	B	OK	300	7.50	0.114	0.020	0.121	26561	2.938	222.8	1.9
4/26/99	20:25	A	OK	300	7.50	0.114	0.020	0.121	25038	2.746	193.1	1.8
4/26/99	20:30	B	OK	300	7.50	0.114	0.023	0.121	25888	2.863	221.4	1.8
4/26/99	20:35	A	OK	300	7.50	0.114	0.023	0.121	26504	2.907	235.6	0.7
4/26/99	20:40	B	OK	300	7.50	0.114	0.025	0.121	25710	2.844	235.5	0.6
4/26/99	20:45	A	OK	300	7.50	0.114	0.018	0.121	26955	2.957	238.5	1.1
4/26/99	20:50	B	OK	300	7.50	0.114	0.018	0.122	28588	3.162	238.5	0.8
4/26/99	20:55	A	OK	300	7.50	0.114	0.024	0.123	31232	3.426	238.5	0.6
4/26/99	21:00	B	OK	300	7.50	0.114	0.026	0.122	30235	3.344	238.5	0.6
4/26/99	21:05	A	OK	300	7.50	0.114	0.021	0.122	31094	3.411	203.4	1.5
4/26/99	21:10	B	OK	300	7.50	0.114	0.021	0.122	29737	3.289	233.1	1.1
4/26/99	21:15	A	OK	300	7.50	0.114	0.017	0.122	29317	3.216	186.0	0.9
4/26/99	21:20	B	OK	300	7.50	0.114	0.022	0.122	30225	3.343	266.7	1.2
4/26/99	21:25	A	OK	300	7.49	0.114	0.020	0.122	30195	3.313	193.8	1.1
4/26/99	21:30	B	OK	300	7.50	0.114	0.018	0.122	28928	3.200	241.6	1.0
4/26/99	21:35	A	OK	300	7.50	0.114	0.020	0.123	31146	3.416	251.8	1.2
4/26/99	21:40	B	OK	300	7.50	0.114	0.023	0.124	35095	3.882	252.4	0.9
4/26/99	21:45	A	OK	300	7.50	0.114	0.018	0.140	99205	10.882	252.4	0.6
4/26/99	21:50	B	OK	300	7.50	0.114	0.023	0.144	114919	12.710	252.4	0.6
4/26/99	21:55	A	OK	300	7.50	0.114	0.019	0.126	42919	4.708	252.1	1.6
4/26/99	22:00	B	OK	300	7.50	0.114	0.022	0.122	31867	3.525	251.7	0.7
4/26/99	22:05	A	OK	300	7.50	0.114	0.018	0.123	34408	3.774	251.7	0.5
4/26/99	22:10	B	OK	300	7.50	0.114	0.024	0.123	32890	3.638	251.7	0.6
4/26/99	22:15	A	OK	300	7.50	0.114	0.019	0.122	31129	3.415	251.7	0.5
4/26/99	22:20	B	OK	300	7.50	0.114	0.022	0.125	43470	4.808	251.7	0.5
4/26/99	22:25	A	OK	300	7.50	0.114	0.021	0.126	43096	4.727	282.4	1.6
4/26/99	22:30	B	OK	300	7.50	0.114	0.024	0.130	62438	6.906	320.9	1.5
4/26/99	22:35	A	OK	300	7.50	0.114	0.022	0.168	204817	22.466	320.9	0.8
4/26/99	22:40	B	OK	300	7.50	0.114	0.022	0.148	130716	14.458	321.0	1.0
4/26/99	22:45	A	OK	300	7.50	0.114	0.026	0.150	134922	14.800	321.0	0.7
4/26/99	22:50	B	OK	300	7.50	0.114	0.019	0.142	107306	11.868	321.0	0.5
4/26/99	22:55	A	OK	300	7.50	0.114	0.021	0.130	60373	6.622	321.0	0.8
4/26/99	23:00	B	OK	300	7.50	0.114	0.020	0.129	54641	6.043	321.0	0.7
4/26/99	23:05	A	OK	300	7.50	0.114	0.023	0.128	53310	5.848	321.0	0.4
4/26/99	23:10	B	OK	300	7.50	0.114	0.021	0.128	51971	5.748	320.9	1.2
4/26/99	23:15	A	OK	300	7.50	0.114	0.023	0.131	63104	6.922	320.9	0.5
4/26/99	23:20	B	OK	300	7.50	0.114	0.021	0.128	53229	5.889	320.9	0.3
4/26/99	23:25	A	OK	300	7.50	0.114	0.025	0.125	38935	4.271	320.9	0.4
4/26/99	23:30	B	OK	300	7.50	0.114	0.023	0.126	46540	5.147	321.0	1.0
4/26/99	23:35	A	OK	300	7.50	0.114	0.023	0.132	64726	7.100	321.0	0.5

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/26/99	23:40	B	OK	300	7.50	0.114	0.018	0.129	53601	5.928	321.0	0.5
4/26/99	23:45	A	OK	300	7.50	0.114	0.022	0.126	45263	4.965	321.0	0.7
4/26/99	23:50	B	OK	300	7.50	0.114	0.021	0.123	34964	3.867	321.0	0.5
4/26/99	23:55	A	OK	300	7.50	0.114	0.023	0.128	49412	5.420	321.0	0.3
4/27/99	0:00	B	OK	300	7.50	0.114	0.030	0.126	45556	5.039	321.0	0.7
4/27/99	0:05	A	OK	300	7.50	0.114	0.030	0.127	49097	5.385	321.4	1.5
4/27/99	0:10	B	OK	300	7.50	0.114	0.022	0.139	94736	10.478	327.6	1.1
4/27/99	0:15	A	OK	300	7.50	0.114	0.024	0.140	96093	10.540	327.6	0.8
4/27/99	0:20	B	OK	300	7.50	0.114	0.021	0.144	116504	12.886	327.6	0.7
4/27/99	0:25	A	OK	300	7.50	0.114	0.021	0.154	150717	16.532	327.6	0.3
4/27/99	0:30	B	OK	300	7.50	0.114	0.022	0.142	108462	11.996	327.6	0.6
4/27/99	0:35	A	OK	300	7.50	0.114	0.021	0.142	106525	11.685	287.3	1.4
4/27/99	0:40	B	OK	300	7.50	0.114	0.029	0.144	114048	12.614	230.7	0.7
4/27/99	0:45	A	OK	300	7.50	0.114	0.019	0.148	128220	14.064	230.7	0.4
4/27/99	0:50	B	OK	300	7.50	0.114	0.020	0.143	111595	12.343	230.7	0.4
4/27/99	0:55	A	OK	300	7.50	0.114	0.027	0.138	90211	9.895	230.7	0.5
4/27/99	1:00	B	OK	300	7.50	0.114	0.026	0.131	63834	7.060	231.0	0.6
4/27/99	1:05	A	OK	300	7.50	0.114	0.022	0.127	49956	5.480	230.4	0.7
4/27/99	1:10	B	OK	300	7.50	0.114	0.020	0.125	40717	4.505	213.0	1.0
4/27/99	1:15	A	OK	300	7.50	0.114	0.021	0.123	34976	3.836	215.0	0.9
4/27/99	1:20	B	OK	300	7.50	0.114	0.023	0.123	33979	3.758	247.1	0.9
4/27/99	1:25	A	OK	300	7.50	0.114	0.021	0.123	31732	3.481	289.5	1.3
4/27/99	1:30	B	OK	300	7.50	0.114	0.020	0.127	50285	5.562	311.1	1.4
4/27/99	1:35	A	OK	300	7.50	0.114	0.024	0.128	52184	5.724	312.2	0.7
4/27/99	1:40	B	OK	300	7.50	0.114	0.027	0.123	35348	3.910	312.1	0.8
4/27/99	1:45	A	OK	300	7.50	0.114	0.023	0.124	36546	4.009	312.2	0.6
4/27/99	1:50	B	OK	300	7.50	0.114	0.021	0.124	36421	4.028	312.1	0.7
4/27/99	1:55	A	OK	300	7.50	0.114	0.018	0.123	34557	3.791	294.2	0.9
4/27/99	2:00	B	OK	300	7.50	0.114	0.029	0.125	40647	4.496	297.4	1.5
4/27/99	2:05	A	OK	300	7.50	0.114	0.021	0.158	164642	18.060	300.2	2.4
4/27/99	2:10	B	OK	300	7.50	0.114	0.024	0.155	158932	17.578	289.3	2.5
4/27/99	2:15	A	OK	300	7.50	0.114	0.020	0.133	69135	7.583	252.2	1.4
4/27/99	2:20	B	OK	300	7.50	0.114	0.024	0.126	44058	4.873	279.0	1.0
4/27/99	2:25	A	OK	300	7.50	0.114	0.019	0.123	34897	3.828	280.6	1.3
4/27/99	2:30	B	OK	300	7.50	0.114	0.023	0.128	55004	6.084	305.8	2.0
4/27/99	2:35	A	OK	300	7.50	0.114	0.027	0.147	124101	13.613	293.6	2.1
4/27/99	2:40	B	OK	300	7.50	0.114	0.037	0.128	51035	5.645	290.3	1.0
4/27/99	2:45	A	OK	300	7.50	0.114	0.024	0.123	31947	3.504	242.6	1.1
4/27/99	2:50	B	OK	300	7.50	0.114	0.024	0.123	31867	3.525	269.9	0.8
4/27/99	2:55	A	OK	300	7.50	0.114	0.021	0.123	32193	3.531	246.0	1.3
4/27/99	3:00	B	OK	300	7.50	0.114	0.022	0.122	30812	3.408	213.6	1.0
4/27/99	3:05	A	OK	300	7.49	0.114	0.017	0.122	29362	3.222	215.7	0.8
4/27/99	3:10	B	OK	300	7.50	0.114	0.022	0.124	38551	4.264	324.1	1.1
4/27/99	3:15	A	OK	300	7.50	0.114	0.022	0.130	60565	6.643	329.9	1.0
4/27/99	3:20	B	OK	300	7.50	0.114	0.028	0.139	96719	10.697	328.8	2.3
4/27/99	3:25	A	OK	300	7.50	0.114	0.021	0.134	75008	8.228	332.8	3.4
4/27/99	3:30	B	OK	300	7.50	0.114	0.018	0.124	36886	4.080	322.4	2.8
4/27/99	3:35	A	OK	300	7.50	0.114	0.023	0.130	58197	6.384	307.8	1.8
4/27/99	3:40	B	OK	300	7.50	0.114	0.026	0.152	144837	16.019	300.5	1.5
4/27/99	3:45	A	OK	300	7.50	0.114	0.025	0.143	107298	11.770	303.7	1.2
4/27/99	3:50	B	OK	300	7.50	0.114	0.020	0.130	61191	6.768	301.8	1.8
4/27/99	3:55	A	OK	300	7.50	0.114	0.023	0.136	82465	9.046	274.6	1.7
4/27/99	4:00	B	OK	300	7.50	0.114	0.029	0.125	39769	4.398	297.5	2.0
4/27/99	4:05	A	OK	300	7.50	0.114	0.026	0.124	38755	4.251	275.2	1.0

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/27/99	4:10	B	OK	300	7.50	0.114	0.024	0.122	31376	3.470	256.9	1.1
4/27/99	4:15	A	OK	300	7.50	0.114	0.021	0.123	30615	3.358	247.6	1.2
4/27/99	4:20	B	OK	300	7.50	0.114	0.021	0.122	29510	3.264	279.0	1.2
4/27/99	4:25	A	OK	300	7.50	0.114	0.023	0.122	30786	3.377	285.2	1.4
4/27/99	4:30	B	OK	300	7.50	0.114	0.018	0.122	31831	3.521	287.5	1.4
4/27/99	4:35	A	OK	300	7.50	0.114	0.021	0.124	37570	4.121	295.2	2.7
4/27/99	4:40	B	OK	300	7.50	0.114	0.023	0.125	39552	4.375	294.4	2.9
4/27/99	4:45	A	OK	300	7.50	0.114	0.023	0.123	34791	3.816	292.6	2.0
4/27/99	4:50	B	OK	300	7.50	0.114	0.020	0.134	76297	8.439	305.2	3.1
4/27/99	4:55	A	OK	300	7.49	0.114	0.019	0.142	101319	11.117	300.0	2.8
4/27/99	5:00	B	OK	300	7.50	0.114	0.032	0.172	223811	24.754	296.7	3.4
4/27/99	5:05	A	OK	300	7.50	0.114	0.018	0.147	122084	13.391	296.5	3.6
4/27/99	5:10	B	OK	300	7.50	0.114	0.024	0.151	141166	15.613	305.8	3.1
4/27/99	5:15	A	OK	300	7.50	0.114	0.025	0.220	396537	43.497	276.8	2.4
4/27/99	5:20	B	OK	300	7.50	0.114	0.023	0.137	86743	9.594	296.8	1.9
4/27/99	5:25	A	OK	300	7.50	0.114	0.019	0.134	71511	7.844	297.0	3.2
4/27/99	5:30	B	OK	300	7.50	0.114	0.019	0.132	69620	7.700	292.2	2.7
4/27/99	5:35	A	OK	300	7.50	0.114	0.020	0.141	101553	11.140	302.5	2.8
4/27/99	5:40	B	OK	300	7.50	0.114	0.024	0.160	177287	19.608	291.4	3.0
4/27/99	5:45	A	OK	300	7.50	0.114	0.025	0.129	53474	5.866	285.9	1.6
4/27/99	5:50	B	OK	300	7.50	0.114	0.025	0.124	36385	4.024	299.5	1.0
4/27/99	5:55	A	OK	300	7.50	0.114	0.021	0.123	32756	3.593	292.8	1.6
4/27/99	6:00	B	OK	300	7.50	0.114	0.026	0.123	31350	3.467	284.7	0.9
4/27/99	6:05	A	OK	300	7.50	0.114	0.020	0.123	31572	3.463	291.0	1.8
4/27/99	6:10	B	OK	300	7.50	0.114	0.025	0.126	44713	4.945	291.1	2.2
4/27/99	6:15	A	OK	300	7.50	0.114	0.021	0.125	39292	4.310	283.9	1.3
4/27/99	6:20	B	OK	300	7.50	0.114	0.024	0.132	67570	7.473	307.1	3.1
4/27/99	6:25	A	OK	300	7.50	0.114	0.026	0.188	277949	30.489	327.2	3.4
4/27/99	6:30	B	OK	300	7.50	0.114	0.021	0.124	35515	3.928	326.5	4.0
4/27/99	6:35	A	OK	300	7.50	0.114	0.019	0.123	32602	3.576	341.5	3.6
4/27/99	6:40	B	OK	300	7.50	0.114	0.024	0.122	30229	3.343	332.0	3.2
4/27/99	6:45	A	OK	300	7.49	0.114	0.023	0.123	31956	3.506	309.9	2.5
4/27/99	6:50	B	OK	300	7.50	0.114	0.021	0.129	56531	6.253	289.3	1.3
4/27/99	6:55	A	OK	300	7.50	0.114	0.023	0.129	53780	5.899	292.9	0.6
4/27/99	7:00	B	OK	300	7.50	0.114	0.025	0.151	140456	15.535	292.9	1.2
4/27/99	7:05	A	OK	300	7.50	0.114	0.025	0.164	184804	20.272	292.8	1.7
4/27/99	7:10	B	OK	300	7.50	0.114	0.022	0.164	190949	21.120	292.8	1.4
4/27/99	7:15	A	OK	300	7.50	0.114	0.030	0.151	137457	15.078	292.8	1.1
4/27/99	7:20	B	OK	300	7.50	0.114	0.024	0.145	117985	13.049	292.8	0.6
4/27/99	7:25	A	OK	300	7.50	0.114	0.015	0.139	90374	9.913	292.9	1.0
4/27/99	7:30	B	OK	300	7.50	0.114	0.018	0.145	115214	12.743	293.0	1.3
4/27/99	7:35	A	OK	300	7.50	0.114	0.020	0.142	100695	11.045	293.0	1.0
4/27/99	7:40	B	OK	300	7.50	0.114	0.021	0.156	160408	17.742	293.2	1.5
4/27/99	7:45	A	OK	300	7.50	0.114	0.024	0.164	186161	20.420	302.7	1.4
4/27/99	7:50	B	OK	300	7.50	0.114	0.024	0.149	135619	15.000	317.6	1.8
4/27/99	7:55	A	OK	300	7.50	0.114	0.025	0.143	108004	11.847	333.1	2.0
4/27/99	8:00	B	OK	300	7.50	0.114	0.024	0.131	63042	6.973	336.5	2.4
4/27/99	8:05	A	OK	300	7.50	0.114	0.020	0.130	58365	6.402	343.9	1.5
4/27/99	8:10	B	OK	300	7.50	0.114	0.025	0.132	66960	7.406	343.0	2.0
4/27/99	8:15	A	OK	300	7.50	0.114	0.022	0.133	67382	7.391	351.0	3.2
4/27/99	8:20	B	OK	300	7.50	0.114	0.022	0.134	74165	8.203	352.7	3.3
4/27/99	8:25	A	OK	300	7.50	0.114	0.020	0.138	86943	9.537	336.4	1.9
4/27/99	8:30	B	OK	300	7.50	0.114	0.018	0.141	102672	11.356	357.5	2.3
4/27/99	8:35	A	OK	300	7.50	0.114	0.022	0.146	116795	12.811	42.7	3.0

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/27/99	8:40	B	OK	300	7.50	0.114	0.020	0.147	124405	13.764	31.3	3.3
4/27/99	8:45	A	OK	300	7.50	0.114	0.020	0.152	141610	15.533	31.6	2.9
4/27/99	8:50	B	OK	300	7.50	0.114	0.017	0.150	138640	15.334	48.9	3.5
4/27/99	8:55	A	OK	300	7.50	0.114	0.016	0.150	136283	14.949	63.3	2.8
4/27/99	9:00	B	OK	300	7.50	0.114	0.022	0.145	121232	13.409	63.0	4.0
4/27/99	9:05	A	OK	300	7.50	0.114	0.019	0.143	111363	12.215	65.8	3.8
4/27/99	9:10	B	OK	300	7.50	0.114	0.017	0.141	103499	11.447	57.9	4.5
4/27/99	9:15	A	OK	300	7.50	0.114	0.017	0.141	102490	11.242	51.2	4.9
4/27/99	9:20	B	OK	300	7.50	0.114	0.022	0.140	99527	11.008	42.1	4.4
4/27/99	9:25	A	OK	300	7.50	0.114	0.023	0.139	95816	10.510	62.4	6.0
4/27/99	9:30	B	OK	300	7.50	0.114	0.020	0.139	96713	10.697	58.7	5.5
4/27/99	9:35	A	OK	300	7.50	0.113	0.019	0.140	97797	10.727	63.2	5.7
4/27/99	9:40	B	OK	300	7.50	0.113	0.018	0.138	90552	10.015	79.1	5.3
4/27/99	9:45	A	OK	300	7.50	0.113	0.023	0.137	87545	9.603	78.0	5.1
4/27/99	9:50	B	OK	300	7.50	0.113	0.020	0.135	82476	9.122	91.3	5.3
4/27/99	9:55	A	OK	300	7.50	0.113	0.020	0.134	78943	8.659	84.0	5.5
4/27/99	10:00	B	OK	300	7.50	0.113	0.021	0.133	75385	8.338	79.9	4.8
4/27/99	10:05	A	OK	300	7.50	0.113	0.016	0.134	77148	8.462	89.3	4.6
4/27/99	10:10	B	OK	300	7.50	0.113	0.022	0.133	76264	8.435	100.4	5.1
4/27/99	10:15	A	OK	300	7.50	0.113	0.019	0.134	77204	8.469	85.3	4.2
4/27/99	10:20	B	OK	300	7.50	0.113	0.022	0.133	74754	8.268	88.8	5.0
4/27/99	10:25	A	OK	300	7.50	0.113	0.020	0.134	76450	8.386	80.5	4.7
4/27/99	10:30	B	OK	300	7.50	0.113	0.021	0.133	75933	8.401	33.8	3.9
4/27/99	10:35	A	OK	300	7.50	0.113	0.018	0.134	78857	8.650	68.0	3.6
4/27/99	10:40	B	OK	300	7.50	0.113	0.025	0.133	77361	8.556	63.4	4.2
4/27/99	10:45	A	OK	300	7.50	0.113	0.022	0.133	74105	8.129	91.4	6.4
4/27/99	10:50	B	OK	300	7.50	0.113	0.027	0.132	73103	8.085	80.4	5.4
4/27/99	10:55	A	OK	300	7.50	0.113	0.025	0.134	76561	8.398	100.1	3.1
4/27/99	11:00	B	OK	300	7.50	0.113	0.024	0.132	72376	8.005	132.6	5.0
4/27/99	11:05	A	OK	300	7.50	0.113	0.019	0.132	71209	7.811	116.5	6.1
4/27/99	11:10	B	OK	300	7.50	0.113	0.025	0.131	68949	7.626	135.2	6.1
4/27/99	11:15	A	OK	300	7.50	0.113	0.020	0.131	68665	7.532	103.7	4.4
4/27/99	11:20	B	OK	300	7.50	0.113	0.022	0.131	67823	7.501	116.1	5.2
4/27/99	11:25	A	OK	300	7.50	0.113	0.019	0.132	68987	7.567	83.6	4.7
4/27/99	11:30	B	OK	300	7.50	0.113	0.021	0.130	64566	7.141	99.0	5.7
4/27/99	11:35	A	OK	300	7.50	0.113	0.022	0.130	64508	7.076	64.6	4.5
4/27/99	11:40	B	OK	300	7.50	0.113	0.021	0.129	60445	6.685	83.6	5.7
4/27/99	11:45	A	OK	300	7.50	0.113	0.027	0.129	59832	6.563	80.7	5.8
4/27/99	11:50	B	OK	300	7.50	0.113	0.025	0.127	55458	6.134	85.0	6.8
4/27/99	11:55	A	OK	300	7.50	0.113	0.025	0.128	58072	6.370	72.0	4.1
4/27/99	12:00	B	OK	300	7.50	0.113	0.019	0.128	56510	6.250	61.4	4.9
4/27/99	12:05	A	OK	300	7.50	0.113	0.022	0.128	55439	6.081	77.3	5.5
4/27/99	12:10	B	OK	300	7.50	0.113	0.021	0.126	52004	5.752	72.1	5.7
4/27/99	12:15	A	OK	300	7.50	0.113	0.018	0.128	56024	6.145	99.5	6.9
4/27/99	12:20	B	OK	300	7.50	0.113	0.020	0.128	58370	6.458	71.0	4.9
4/27/99	12:25	A	OK	300	7.50	0.113	0.020	0.129	59022	6.474	108.1	5.3
4/27/99	12:30	B	OK	300	7.50	0.113	0.021	0.128	57273	6.335	98.1	4.7
4/27/99	12:35	A	OK	300	7.50	0.113	0.024	0.128	56423	6.189	66.6	5.5
4/27/99	12:40	B	OK	300	7.50	0.113	0.019	0.128	57964	6.411	140.5	4.2
4/27/99	12:45	A	OK	300	7.50	0.113	0.020	0.126	49162	5.393	190.9	4.6
4/27/99	12:50	B	OK	300	7.50	0.113	0.022	0.126	49026	5.422	199.5	3.5
4/27/99	12:55	A	OK	300	7.50	0.113	0.021	0.125	46775	5.131	114.5	7.0
4/27/99	13:00	B	OK	300	7.50	0.113	0.017	0.125	49090	5.429	135.7	5.6
4/27/99	13:05	A	OK	300	7.50	0.113	0.017	0.127	52956	5.809	87.9	3.3

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/27/99	13:10	B	OK	300	7.50	0.113	0.019	0.126	50458	5.581	81.0	5.4
4/27/99	13:15	A	OK	300	7.50	0.113	0.029	0.126	50215	5.508	91.1	3.4
4/27/99	13:20	B	OK	300	7.50	0.113	0.021	0.125	48903	5.409	56.9	4.0
4/27/99	13:25	A	OK	300	7.50	0.113	0.019	0.126	48788	5.352	119.9	3.6
4/27/99	13:30	B	OK	300	7.50	0.113	0.020	0.124	44652	4.939	98.5	4.6
4/27/99	13:35	A	OK	300	7.50	0.113	0.019	0.125	45779	5.022	110.6	4.5
4/27/99	13:40	B	OK	300	7.50	0.113	0.026	0.125	49016	5.421	165.8	3.3
4/27/99	13:45	A	OK	300	7.50	0.113	0.027	0.125	45309	4.970	160.5	4.4
4/27/99	13:50	B	OK	300	7.50	0.113	0.017	0.124	43381	4.798	197.2	3.8
4/27/99	13:55	A	OK	300	7.50	0.113	0.021	0.125	46161	5.063	175.5	2.1
4/27/99	14:00	B	OK	300	7.50	0.113	0.021	0.123	39880	4.411	199.4	3.1
4/27/99	14:05	A	OK	300	7.50	0.113	0.021	0.123	39669	4.351	164.0	4.2
4/27/99	14:10	B	OK	300	7.50	0.113	0.024	0.125	46468	5.141	122.8	3.2
4/27/99	14:15	A	OK	300	7.50	0.113	0.022	0.126	50096	5.495	97.7	4.8
4/27/99	14:20	B	OK	300	7.50	0.112	0.022	0.124	45800	5.066	79.4	4.7
4/27/99	14:25	A	OK	300	7.50	0.113	0.022	0.125	47613	5.223	85.9	2.4
4/27/99	14:30	B	OK	300	7.50	0.113	0.026	0.125	46153	5.105	79.9	4.8
4/27/99	14:35	A	OK	300	7.50	0.112	0.021	0.126	50322	5.520	59.1	3.9
4/27/99	14:40	B	OK	300	7.50	0.112	0.019	0.124	45693	5.054	129.6	3.6
4/27/99	14:45	A	OK	300	7.50	0.113	0.022	0.125	46142	5.061	97.1	4.7
4/27/99	14:50	B	OK	300	7.50	0.112	0.021	0.124	42702	4.723	126.5	5.1
4/27/99	14:55	A	OK	300	7.50	0.112	0.020	0.123	40723	4.467	150.5	4.9
4/27/99	15:00	B	OK	300	7.50	0.112	0.022	0.124	45762	5.061	96.7	3.4
4/27/99	15:05	A	OK	300	7.50	0.112	0.024	0.126	48995	5.374	127.6	4.0
4/27/99	15:10	B	OK	300	7.50	0.112	0.019	0.124	46664	5.161	145.3	3.6
4/27/99	15:15	A	OK	300	7.50	0.112	0.024	0.124	42631	4.676	113.2	5.3
4/27/99	15:20	B	OK	300	7.50	0.112	0.018	0.123	41544	4.595	106.5	3.6
4/27/99	15:25	A	OK	300	7.50	0.112	0.021	0.124	41835	4.589	161.2	6.4
4/27/99	15:30	B	OK	300	7.50	0.112	0.022	0.122	37136	4.107	185.8	5.1
4/27/99	15:35	A	OK	300	7.50	0.112	0.019	0.122	36715	4.027	162.5	5.0
4/27/99	15:40	B	OK	300	7.50	0.112	0.023	0.122	37324	4.128	154.7	5.9
4/27/99	15:45	A	OK	300	7.50	0.112	0.018	0.123	37580	4.122	159.6	6.0
4/27/99	15:50	B	OK	300	7.50	0.112	0.021	0.123	39435	4.361	147.3	3.6
4/27/99	15:55	A	OK	300	7.50	0.112	0.017	0.123	39449	4.327	149.2	7.2
4/27/99	16:00	B	OK	300	7.50	0.112	0.026	0.122	36888	4.080	123.3	6.2
4/27/99	16:05	A	OK	300	7.49	0.113	0.022	0.123	37814	4.149	111.6	6.3
4/27/99	16:10	B	OK	300	7.50	0.112	0.019	0.122	37487	4.146	123.5	6.3
4/27/99	16:15	A	OK	300	7.50	0.113	0.021	0.122	34749	3.812	124.5	6.3
4/27/99	16:20	B	OK	300	7.50	0.112	0.024	0.121	32633	3.609	122.6	6.4
4/27/99	16:25	A	OK	300	7.50	0.112	0.022	0.121	30370	3.331	110.7	5.7
4/27/99	16:30	B	OK	300	7.50	0.113	0.018	0.120	27945	3.091	109.6	5.0
4/27/99	16:35	A	OK	300	7.50	0.113	0.025	0.120	28009	3.072	112.9	5.1
4/27/99	16:40	B	OK	300	7.50	0.113	0.017	0.120	25692	2.842	128.4	5.8
4/27/99	16:45	A	OK	300	7.50	0.113	0.017	0.120	25258	2.771	159.8	6.3
4/27/99	16:50	B	OK	300	7.50	0.113	0.019	0.119	24771	2.740	191.6	16.8
4/27/99	16:55	A	OK	300	7.50	0.113	0.023	0.120	24422	2.679	190.2	14.3
4/27/99	17:00	B	OK	300	7.50	0.113	0.032	0.120	27543	3.046	112.7	5.1
4/27/99	17:05	A	OK	300	7.50	0.113	0.028	0.123	37309	4.093	34.6	5.0
4/27/99	17:10	B	OK	300	7.50	0.113	0.020	0.123	37631	4.162	4.7	2.9
4/27/99	17:15	A	OK	300	7.50	0.113	0.023	0.124	40921	4.489	326.7	1.7
4/27/99	17:20	B	OK	300	7.50	0.113	0.021	0.125	44754	4.950	6.3	1.7
4/27/99	17:25	A	OK	300	7.50	0.113	0.023	0.127	50121	5.498	8.5	2.1
4/27/99	17:30	B	OK	300	7.50	0.113	0.021	0.124	41011	4.536	78.2	1.2
4/27/99	17:35	A	OK	300	7.50	0.113	0.029	0.126	47682	5.230	352.2	2.4

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/27/99	17:40	B	OK	300	7.50	0.113	0.025	0.127	50760	5.614	335.2	3.4
4/27/99	17:45	A	OK	300	7.50	0.113	0.024	0.124	40047	4.393	153.8	2.5
4/27/99	17:50	B	OK	300	7.50	0.113	0.023	0.124	38963	4.309	151.3	2.9
4/27/99	17:55	A	OK	300	7.49	0.113	0.019	0.125	41357	4.538	104.8	1.5
4/27/99	18:00	B	OK	300	7.50	0.113	0.020	0.124	41593	4.600	104.6	1.4
4/27/99	18:05	A	OK	300	7.50	0.114	0.026	0.126	46188	5.066	94.3	1.6
4/27/99	18:45	A	OK	300	7.47	0.114	0.022	0.134	77224	8.414	80.7	3.2
4/27/99	18:50	B	OK	300	7.50	0.114	0.023	0.122	31529	3.492	71.0	2.3
4/27/99	18:55	A	OK	300	7.50	0.114	0.021	0.122	31991	3.474	66.9	1.6
4/27/99	19:00	B	OK	300	7.50	0.114	0.025	0.122	33006	3.656	64.3	0.5
4/27/99	19:05	A	OK	300	7.50	0.114	0.021	0.123	32889	3.572	64.4	1.1
4/27/99	19:10	B	OK	300	7.50	0.114	0.022	0.122	31372	3.475	116.7	2.4
4/27/99	19:15	A	OK	300	7.50	0.114	0.018	0.122	31934	3.468	102.3	2.7
4/27/99	19:20	B	OK	300	7.50	0.114	0.028	0.122	29688	3.288	95.8	2.9
4/27/99	19:25	A	OK	300	7.50	0.114	0.020	0.122	28994	3.149	104.5	2.9
4/27/99	19:30	B	OK	300	7.50	0.114	0.025	0.121	27469	3.042	85.5	3.2
4/27/99	19:35	A	OK	300	7.50	0.114	0.020	0.121	28564	3.102	73.1	2.6
4/27/99	19:40	B	OK	300	7.50	0.114	0.027	0.121	25075	2.777	67.1	3.8
4/27/99	19:45	A	OK	300	7.49	0.114	0.024	0.121	26035	2.828	67.3	3.5
4/27/99	19:50	B	OK	300	7.50	0.114	0.020	0.120	25085	2.778	72.8	3.9
4/27/99	19:55	A	OK	300	7.50	0.114	0.022	0.121	24454	2.656	67.2	4.3
4/27/99	20:00	B	OK	300	7.50	0.114	0.026	0.120	23077	2.556	89.1	3.8
4/27/99	20:05	A	OK	300	7.50	0.114	0.022	0.120	22832	2.480	97.8	3.3
4/27/99	20:10	B	OK	300	7.50	0.114	0.026	0.120	23611	2.615	73.9	3.4
4/27/99	20:15	A	OK	300	7.50	0.114	0.021	0.120	24541	2.665	104.5	3.2
4/27/99	20:20	B	OK	300	7.50	0.114	0.021	0.120	23659	2.621	103.4	3.7
4/27/99	20:25	A	OK	300	7.50	0.114	0.020	0.120	23326	2.533	99.9	3.7
4/27/99	20:30	B	OK	300	7.50	0.114	0.024	0.120	22610	2.504	93.6	3.6
4/27/99	20:35	A	OK	300	7.50	0.114	0.022	0.120	23460	2.548	93.3	3.2
4/27/99	20:40	B	OK	300	7.50	0.114	0.018	0.120	22002	2.437	90.7	4.0
4/27/99	20:45	A	OK	300	7.50	0.114	0.024	0.120	22091	2.399	95.7	4.4
4/27/99	20:50	B	OK	300	7.50	0.114	0.031	0.120	21447	2.375	89.4	4.1
4/27/99	20:55	A	OK	300	7.50	0.114	0.020	0.120	22272	2.419	92.7	3.7
4/27/99	21:00	B	OK	300	7.50	0.114	0.023	0.120	21274	2.356	90.3	2.9
4/27/99	21:05	A	OK	300	7.50	0.114	0.022	0.120	22749	2.471	80.9	3.6
4/27/99	21:10	B	OK	300	7.50	0.114	0.026	0.120	21880	2.423	55.3	4.0
4/27/99	21:15	A	OK	300	7.50	0.114	0.020	0.120	22306	2.423	3.1	3.3
4/27/99	21:20	B	OK	300	7.50	0.114	0.025	0.120	22257	2.465	213.9	15.6
4/27/99	21:25	A	OK	300	7.50	0.114	0.022	0.120	24479	2.659	156.2	11.6
4/27/99	21:30	B	OK	300	7.50	0.114	0.024	0.120	24613	2.726	241.0	8.7
4/27/99	21:35	A	OK	300	7.50	0.114	0.020	0.127	48294	5.245	309.1	11.0
4/27/99	21:40	B	OK	300	7.50	0.114	0.020	0.127	49909	5.530	315.2	11.6
4/27/99	21:45	A	OK	300	7.50	0.114	0.022	0.123	34893	3.790	319.0	9.4
4/27/99	21:50	B	OK	300	7.50	0.114	0.022	0.122	31298	3.467	318.8	8.5
4/27/99	21:55	A	OK	300	7.50	0.114	0.020	0.132	68356	7.424	269.0	3.4
4/27/99	22:00	B	OK	300	7.50	0.114	0.024	0.122	31525	3.492	208.6	3.0
4/27/99	22:05	A	OK	300	7.50	0.114	0.027	0.121	28331	3.077	359.3	2.2
4/27/99	22:10	B	OK	300	7.50	0.114	0.023	0.121	28516	3.158	215.3	1.2
4/27/99	22:15	A	OK	300	7.50	0.114	0.016	0.121	27285	2.963	162.6	2.4
4/27/99	22:20	B	OK	300	7.50	0.114	0.023	0.122	28890	3.200	150.8	1.4
4/27/99	22:25	A	OK	300	7.50	0.114	0.022	0.122	31346	3.404	132.7	1.5
4/27/99	22:30	B	OK	300	7.50	0.114	0.026	0.121	28576	3.165	87.5	2.2
4/27/99	22:35	A	OK	300	7.50	0.114	0.018	0.122	30392	3.301	72.0	1.7
4/27/99	22:40	B	OK	300	7.50	0.114	0.028	0.121	28257	3.130	72.2	0.6

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/27/99	22:45	A	OK	300	7.50	0.114	0.019	0.122	30850	3.350	148.2	2.7
4/27/99	22:50	B	OK	300	7.50	0.114	0.024	0.121	27916	3.092	154.3	2.4
4/27/99	22:55	A	OK	300	7.50	0.114	0.021	0.121	27459	2.982	101.5	3.7
4/27/99	23:00	B	OK	300	7.50	0.114	0.020	0.120	25137	2.784	97.0	4.5
4/27/99	23:05	A	OK	300	7.50	0.114	0.018	0.121	25489	2.768	99.5	4.5
4/27/99	23:10	B	OK	300	7.50	0.114	0.024	0.120	23834	2.640	108.1	4.0
4/27/99	23:15	A	OK	300	7.50	0.114	0.024	0.121	24974	2.712	106.0	5.1
4/27/99	23:20	B	OK	300	7.50	0.114	0.019	0.120	24540	2.718	123.5	5.2
4/27/99	23:25	A	OK	300	7.50	0.114	0.023	0.120	24737	2.687	117.1	4.0
4/27/99	23:30	B	OK	300	7.50	0.114	0.021	0.120	23222	2.573	106.9	3.9
4/27/99	23:35	A	OK	300	7.50	0.114	0.019	0.120	24327	2.642	122.3	4.3
4/27/99	23:40	B	OK	300	7.50	0.114	0.021	0.120	23337	2.585	134.2	4.8
4/27/99	23:45	A	OK	300	7.50	0.114	0.020	0.121	25107	2.727	138.8	4.7
4/27/99	23:50	B	OK	300	7.50	0.114	0.016	0.120	23417	2.594	133.6	5.9
4/27/99	23:55	A	OK	300	7.50	0.114	0.023	0.121	25220	2.739	130.5	5.6
4/28/99	0:00	B	OK	300	7.50	0.114	0.026	0.120	23653	2.620	134.6	6.6
4/28/99	0:05	A	OK	300	7.50	0.114	0.027	0.120	24147	2.622	129.5	7.2
4/28/99	0:10	B	OK	300	7.50	0.114	0.024	0.120	23693	2.624	131.1	7.1
4/28/99	0:15	A	OK	300	7.50	0.114	0.023	0.120	23889	2.594	131.6	6.4
4/28/99	0:20	B	OK	300	7.50	0.114	0.031	0.120	23097	2.558	134.9	7.3
4/28/99	0:25	A	OK	300	7.50	0.114	0.025	0.120	23460	2.548	129.6	7.8
4/28/99	0:30	B	OK	300	7.50	0.114	0.022	0.120	23333	2.584	127.8	7.3
4/28/99	0:35	A	OK	300	7.50	0.114	0.02	0.12	24971	2.712	112.2	7.4
4/28/99	0:40	B	OK	300	7.50	0.114	0.027	0.120	23685	2.623	117.0	6.8
4/28/99	0:45	A	OK	300	7.50	0.114	0.023	0.120	24576	2.669	121.9	6.8
4/28/99	0:50	B	OK	300	7.50	0.114	0.018	0.120	24388	2.701	123.5	6.3
4/28/99	0:55	A	OK	300	7.50	0.114	0.025	0.121	24985	2.713	117.1	6.5
4/28/99	1:00	B	OK	300	7.50	0.114	0.026	0.120	24968	2.766	125.7	5.5
4/28/99	1:05	A	OK	300	7.50	0.114	0.021	0.121	25703	2.791	124.2	5.3
4/28/99	1:10	B	OK	300	7.50	0.114	0.021	0.120	25624	2.838	122.3	5.6
4/28/99	1:15	A	OK	300	7.50	0.114	0.021	0.121	26333	2.860	128.8	5.2
4/28/99	1:20	B	OK	300	7.50	0.114	0.023	0.120	25234	2.796	110.9	6.7
4/28/99	1:25	A	OK	300	7.50	0.114	0.023	0.121	26420	2.869	125.3	6.5
4/28/99	1:30	B	OK	300	7.50	0.114	0.021	0.121	25370	2.810	130.8	6.5
4/28/99	1:35	A	OK	300	7.50	0.114	0.020	0.121	26449	2.873	131.4	5.9
4/28/99	1:40	B	OK	300	7.50	0.114	0.022	0.121	25051	2.775	128.9	6.9
4/28/99	1:45	A	OK	300	7.50	0.114	0.020	0.121	25894	2.812	123.4	7.0
4/28/99	1:50	B	OK	300	7.50	0.114	0.022	0.121	25878	2.866	128.9	4.9
4/28/99	1:55	A	OK	300	7.50	0.114	0.020	0.121	26719	2.902	120.4	7.7
4/28/99	2:00	B	OK	300	7.50	0.114	0.020	0.121	26328	2.916	123.5	6.6
4/28/99	2:05	A	OK	300	7.50	0.114	0.019	0.121	27214	2.956	116.7	7.2
4/28/99	2:10	B	OK	300	7.50	0.114	0.018	0.121	26442	2.929	120.4	8.8
4/28/99	2:15	A	OK	300	7.50	0.114	0.021	0.121	26674	2.897	119.5	8.1
4/28/99	2:20	B	OK	300	7.50	0.114	0.022	0.121	26191	2.901	120.3	7.9
4/28/99	2:25	A	OK	300	7.50	0.114	0.023	0.121	26765	2.907	123.5	8.6
4/28/99	2:30	B	OK	300	7.50	0.114	0.026	0.121	25930	2.872	121.8	8.4
4/28/99	2:35	A	OK	300	7.50	0.114	0.021	0.121	26887	2.920	122.8	8.8
4/28/99	2:40	B	OK	300	7.50	0.114	0.020	0.121	26548	2.941	115.7	8.9
4/28/99	2:45	A	OK	300	7.50	0.114	0.019	0.121	27155	2.949	120.3	9.7
4/28/99	2:50	B	OK	300	7.50	0.114	0.022	0.121	26052	2.886	116.6	10.9
4/28/99	2:55	A	OK	300	7.50	0.114	0.018	0.121	27197	2.954	113.4	11.0
4/28/99	3:00	B	OK	300	7.50	0.114	0.021	0.121	26932	2.983	119.7	11.9
4/28/99	3:05	A	OK	300	7.50	0.114	0.018	0.121	26832	2.914	126.7	12.0
4/28/99	3:10	B	OK	300	7.50	0.114	0.023	0.121	26739	2.962	127.7	9.8

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/28/99	3:15	A	OK	300	7.49	0.114	0.023	0.121	26319	2.859	125.4	10.0
4/28/99	3:20	B	OK	300	7.50	0.114	0.025	0.121	26957	2.986	131.3	10.4
4/28/99	3:25	A	OK	300	7.50	0.114	0.020	0.121	26687	2.898	123.3	12.0
4/28/99	3:30	B	OK	300	7.50	0.114	0.021	0.121	25573	2.833	119.5	11.5
4/28/99	3:35	A	OK	300	7.50	0.114	0.023	0.121	26713	2.901	123.0	9.4
4/28/99	3:40	B	OK	300	7.50	0.114	0.024	0.121	25865	2.865	114.7	11.7
4/28/99	3:45	A	OK	300	7.50	0.114	0.022	0.121	25420	2.761	117.8	10.7
4/28/99	3:50	B	OK	300	7.50	0.114	0.020	0.121	24995	2.769	119.4	10.0
4/28/99	3:55	A	OK	300	7.50	0.114	0.026	0.121	25199	2.737	122.5	9.7
4/28/99	4:00	B	OK	300	7.50	0.114	0.020	0.121	24255	2.687	122.4	9.0
4/28/99	4:05	A	OK	300	7.50	0.114	0.030	0.121	25296	2.747	118.8	9.1
4/28/99	4:10	B	OK	300	7.50	0.114	0.025	0.121	24682	2.734	121.4	9.7
4/28/99	4:15	A	OK	300	7.50	0.114	0.023	0.121	25791	2.801	114.0	10.3
4/28/99	4:20	B	OK	300	7.50	0.114	0.020	0.121	24926	2.761	117.0	9.1
4/28/99	4:25	A	OK	300	7.50	0.114	0.023	0.121	24317	2.641	114.0	9.8
4/28/99	4:30	B	OK	300	7.50	0.114	0.030	0.121	24118	2.671	108.0	8.6
4/28/99	4:35	A	OK	300	7.50	0.114	0.029	0.121	23750	2.579	113.1	10.1
4/28/99	4:40	B	OK	300	7.50	0.114	0.024	0.121	22569	2.500	117.2	9.6
4/28/99	4:45	A	OK	300	7.50	0.114	0.022	0.121	23809	2.586	112.1	9.7
4/28/99	4:50	B	OK	300	7.50	0.114	0.022	0.121	23702	2.625	107.0	9.7
4/28/99	4:55	A	OK	300	7.50	0.114	0.025	0.121	23243	2.524	111.5	10.1
4/28/99	5:00	B	OK	300	7.50	0.114	0.023	0.120	22948	2.542	110.4	11.1
4/28/99	5:05	A	OK	300	7.50	0.114	0.023	0.121	23541	2.557	113.9	9.3
4/28/99	5:10	B	OK	300	7.50	0.114	0.029	0.121	22635	2.508	101.8	10.2
4/28/99	5:15	A	OK	300	7.50	0.115	0.021	0.121	22672	2.462	107.0	8.9
4/28/99	5:20	B	OK	300	7.50	0.114	0.024	0.120	22288	2.469	112.7	10.6
4/28/99	5:25	A	OK	300	7.50	0.115	0.026	0.121	22841	2.481	108.9	11.2
4/28/99	5:30	B	OK	300	7.50	0.115	0.030	0.120	20599	2.282	102.6	10.4
4/28/99	5:35	A	OK	300	7.50	0.115	0.026	0.121	22679	2.463	109.3	11.4
4/28/99	5:40	B	OK	300	7.50	0.115	0.021	0.120	21223	2.351	109.9	9.9
4/28/99	5:45	A	OK	300	7.50	0.115	0.025	0.121	21567	2.342	109.3	11.9
4/28/99	5:50	B	OK	300	7.50	0.115	0.021	0.120	20767	2.300	98.7	10.2
4/28/99	5:55	A	OK	300	7.50	0.115	0.021	0.121	21262	2.309	97.9	9.0
4/28/99	6:00	B	OK	300	7.50	0.115	0.023	0.120	21167	2.345	99.6	9.1
4/28/99	6:05	A	OK	300	7.50	0.115	0.024	0.121	20732	2.252	93.7	7.1
4/28/99	6:10	B	OK	300	7.50	0.115	0.024	0.120	21076	2.334	93.8	10.3
4/28/99	6:15	A	OK	300	7.50	0.115	0.024	0.121	20217	2.196	90.8	8.1
4/28/99	6:20	B	OK	300	7.50	0.115	0.021	0.120	20988	2.325	97.8	8.5
4/28/99	6:25	A	OK	300	7.50	0.115	0.023	0.121	20612	2.239	88.7	7.8
4/28/99	6:30	B	OK	300	7.50	0.115	0.023	0.120	20056	2.221	81.9	7.0
4/28/99	6:35	A	OK	300	7.50	0.115	0.023	0.121	21261	2.309	80.0	6.3
4/28/99	6:40	B	OK	300	7.50	0.115	0.024	0.120	20437	2.264	75.2	6.6
4/28/99	6:45	A	OK	300	7.50	0.115	0.022	0.121	21058	2.287	75.9	8.7
4/28/99	6:50	B	OK	300	7.50	0.115	0.026	0.120	21075	2.334	72.1	8.4
4/28/99	6:55	A	OK	300	7.50	0.115	0.020	0.120	21246	2.307	65.2	9.5
4/28/99	7:00	B	OK	300	7.50	0.115	0.027	0.120	20877	2.312	71.9	9.3
4/28/99	7:05	A	OK	300	7.47	0.115	0.022	0.120	21066	2.296	66.0	10.4
4/28/99	7:10	B	OK	300	7.50	0.115	0.029	0.120	20874	2.312	73.3	9.2
4/28/99	7:15	A	OK	300	7.50	0.115	0.021	0.120	20614	2.239	83.7	9.4
4/28/99	7:20	B	OK	300	7.50	0.115	0.022	0.120	20793	2.303	73.6	8.5
4/28/99	7:25	A	OK	300	7.50	0.115	0.022	0.121	21528	2.338	66.8	7.2
4/28/99	7:30	B	OK	300	7.50	0.115	0.024	0.120	21744	2.408	76.9	10.0
4/28/99	7:35	A	OK	300	7.50	0.115	0.021	0.121	21162	2.298	77.0	9.2
4/28/99	7:40	B	OK	300	7.50	0.115	0.026	0.120	20902	2.315	67.8	8.0

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DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M^3	WIND DIR	SPEED
4/28/99	7:45	A	OK	300	7.50	0.115	0.020	0.121	21517	2.337	74.4	9.2
4/28/99	7:50	B	OK	300	7.50	0.115	0.027	0.120	22310	2.471	74.0	10.1
4/28/99	7:55	A	OK	300	7.50	0.115	0.026	0.121	22162	2.407	87.4	10.8
4/28/99	8:00	B	OK	300	7.50	0.115	0.023	0.121	21922	2.428	70.7	8.9
4/28/99	8:05	A	OK	300	7.50	0.115	0.025	0.121	22609	2.456	65.3	7.7
4/28/99	8:10	B	OK	300	7.50	0.115	0.023	0.121	22295	2.470	61.7	6.0
4/28/99	8:15	A	OK	300	7.50	0.115	0.028	0.121	23094	2.508	60.6	8.7
4/28/99	8:20	B	OK	300	7.50	0.115	0.026	0.121	21321	2.362	60.3	7.4
4/28/99	8:25	A	OK	300	7.50	0.115	0.036	0.121	22393	2.432	62.1	9.2
4/28/99	8:30	B	OK	300	7.50	0.115	0.027	0.121	22342	2.475	69.5	11.1
4/28/99	8:35	A	OK	300	7.50	0.115	0.019	0.121	22476	2.441	69.2	9.7
4/28/99	8:40	B	OK	300	7.50	0.115	0.022	0.121	22141	2.452	68.2	10.7
4/28/99	8:45	A	OK	300	7.50	0.115	0.025	0.121	22816	2.478	71.2	9.8
4/28/99	8:50	B	OK	300	7.50	0.115	0.022	0.121	22384	2.479	56.8	6.0
4/28/99	8:55	A	OK	300	7.50	0.115	0.024	0.121	22927	2.490	53.4	7.3
4/28/99	9:00	B	OK	300	7.50	0.115	0.025	0.121	23433	2.596	60.4	9.1
4/28/99	9:05	A	OK	300	7.50	0.115	0.023	0.121	23422	2.544	47.0	9.0
4/28/99	9:10	B	OK	300	7.50	0.115	0.024	0.121	22449	2.487	61.4	7.8
4/28/99	9:15	A	OK	300	7.49	0.115	0.028	0.121	22823	2.480	54.7	9.5
4/28/99	9:20	B	OK	300	7.50	0.115	0.026	0.121	23979	2.656	65.3	9.4
4/28/99	9:25	A	OK	300	7.50	0.115	0.022	0.121	24182	2.626	69.8	9.9
4/28/99	9:30	B	OK	300	7.50	0.115	0.024	0.121	23988	2.657	67.4	10.3
4/28/99	9:35	A	OK	300	7.50	0.115	0.022	0.121	23618	2.565	69.9	9.3
4/28/99	9:40	B	OK	300	7.50	0.115	0.028	0.121	23190	2.569	73.7	9.1
4/28/99	9:45	A	OK	300	7.50	0.115	0.017	0.122	24408	2.651	55.6	9.1
4/28/99	9:50	B	OK	300	7.50	0.115	0.022	0.121	23736	2.629	68.6	9.7
4/28/99	9:55	A	OK	300	7.50	0.115	0.025	0.122	24894	2.704	67.0	8.7
4/28/99	10:00	B	OK	300	7.50	0.115	0.024	0.121	24572	2.722	67.7	7.3
4/28/99	10:05	A	OK	300	7.50	0.115	0.021	0.122	25933	2.817	72.3	9.0
4/28/99	10:10	B	OK	300	7.50	0.115	0.024	0.122	25961	2.876	70.5	8.8
4/28/99	10:15	A	OK	300	7.50	0.115	0.019	0.122	26112	2.836	63.2	7.1
4/28/99	10:20	B	OK	300	7.50	0.115	0.021	0.122	25066	2.776	65.9	5.9
4/28/99	10:25	A	OK	300	7.50	0.115	0.022	0.122	25932	2.816	51.5	7.6
4/28/99	10:30	B	OK	300	7.50	0.115	0.023	0.122	24995	2.769	62.2	6.1
4/28/99	10:35	A	OK	300	7.50	0.115	0.022	0.122	25085	2.724	68.1	5.8
4/28/99	10:40	B	OK	300	7.50	0.115	0.021	0.122	24483	2.712	42.5	4.5
4/28/99	10:45	A	OK	300	7.50	0.115	0.024	0.122	25067	2.722	61.6	6.0
4/28/99	10:50	B	OK	300	7.50	0.115	0.032	0.122	24808	2.748	53.5	8.3
4/28/99	10:55	A	OK	300	7.50	0.115	0.027	0.122	25387	2.757	53.4	9.2
4/28/99	11:00	B	OK	300	7.50	0.115	0.025	0.121	24070	2.666	50.5	8.2
4/28/99	11:05	A	OK	300	7.50	0.115	0.027	0.121	23634	2.567	56.4	8.7
4/28/99	11:10	B	OK	300	7.50	0.115	0.024	0.121	24496	2.713	50.1	7.2
4/28/99	11:15	A	OK	300	7.50	0.115	0.028	0.122	24996	2.715	57.3	8.3
4/28/99	11:20	B	OK	300	7.50	0.115	0.023	0.121	24642	2.730	49.1	7.8
4/28/99	11:25	A	OK	300	7.49	0.115	0.023	0.122	25700	2.792	53.6	6.9
4/28/99	11:30	B	OK	300	7.50	0.115	0.027	0.122	26256	2.908	56.3	8.4
4/28/99	11:35	A	OK	300	7.50	0.115	0.023	0.122	26634	2.893	51.4	7.8
4/28/99	11:40	B	OK	300	7.50	0.115	0.020	0.122	25274	2.800	54.3	9.4
4/28/99	11:45	A	OK	300	7.50	0.115	0.023	0.122	25014	2.717	50.6	8.5
4/28/99	11:50	B	OK	300	7.50	0.115	0.022	0.121	25165	2.787	53.2	8.3
4/28/99	11:55	A	OK	300	7.50	0.115	0.024	0.122	26162	2.841	61.7	5.3
4/28/99	12:00	B	OK	300	7.50	0.115	0.026	0.122	26558	2.942	55.8	7.7
4/28/99	12:05	A	OK	300	7.50	0.115	0.020	0.122	27156	2.949	57.2	7.4
4/28/99	12:10	B	OK	300	7.50	0.115	0.018	0.122	25016	2.771	47.3	8.0

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/28/99	12:15	A	OK	300	7.50	0.115	0.026	0.122	27511	2.988	45.6	7.0
4/28/99	12:20	B	OK	300	7.50	0.115	0.023	0.122	26573	2.943	51.0	6.3
4/28/99	12:25	A	OK	300	7.50	0.115	0.024	0.122	27658	3.004	52.6	7.8
4/28/99	12:30	B	OK	300	7.50	0.115	0.020	0.122	25157	2.787	49.3	7.3
4/28/99	12:35	A	OK	300	7.50	0.115	0.022	0.122	25603	2.781	41.0	6.3
4/28/99	12:40	B	OK	300	7.50	0.115	0.022	0.122	25659	2.842	42.4	5.6
4/28/99	12:45	A	OK	300	7.50	0.115	0.025	0.122	26043	2.828	53.1	6.3
4/28/99	12:50	B	OK	300	7.50	0.115	0.022	0.122	25753	2.853	49.9	6.3
4/28/99	12:55	A	OK	300	7.50	0.115	0.022	0.122	26877	2.919	63.8	7.0
4/28/99	13:00	B	OK	300	7.50	0.115	0.020	0.122	26268	2.910	49.4	4.9
4/28/99	13:05	A	OK	300	7.50	0.115	0.021	0.122	26770	2.907	52.0	6.9
4/28/99	13:10	B	OK	300	7.50	0.115	0.018	0.122	26584	2.945	52.3	6.5
4/28/99	13:15	A	OK	300	7.50	0.115	0.021	0.123	28118	3.054	50.8	8.2
4/28/99	13:20	B	OK	300	7.50	0.115	0.025	0.123	30439	3.372	49.6	8.6
4/28/99	13:25	A	OK	300	7.50	0.115	0.027	0.123	28727	3.120	47.5	7.1
4/28/99	13:30	B	OK	300	7.50	0.115	0.025	0.122	26238	2.906	48.1	5.5
4/28/99	13:35	A	OK	300	7.50	0.115	0.023	0.122	28407	3.085	41.3	6.5
4/28/99	13:40	B	OK	300	7.50	0.115	0.027	0.122	27531	3.051	51.3	6.2
4/28/99	13:45	A	OK	300	7.50	0.115	0.026	0.122	26138	2.839	53.6	6.1
4/28/99	13:50	B	OK	300	7.50	0.115	0.018	0.122	27159	3.008	58.0	6.7
4/28/99	13:55	A	OK	300	7.50	0.115	0.019	0.122	27721	3.011	53.9	6.5
4/28/99	14:00	B	OK	300	7.50	0.115	0.021	0.122	26343	2.918	55.8	6.9
4/28/99	14:05	A	OK	300	7.50	0.115	0.022	0.122	25612	2.782	52.7	8.1
4/28/99	14:10	B	OK	300	7.50	0.115	0.025	0.122	26148	2.896	42.8	6.1
4/28/99	14:15	A	OK	300	7.50	0.115	0.021	0.122	25870	2.810	36.1	6.2
4/28/99	14:20	B	OK	300	7.50	0.115	0.022	0.121	25302	2.803	64.1	6.6
4/28/99	14:25	A	OK	300	7.50	0.115	0.034	0.122	26049	2.829	51.5	7.6
4/28/99	14:30	B	OK	300	7.50	0.115	0.016	0.122	25781	2.856	56.6	5.9
4/28/99	14:35	A	OK	300	7.50	0.115	0.022	0.122	26577	2.886	47.3	5.5
4/28/99	14:40	B	OK	300	7.50	0.115	0.022	0.122	26697	2.957	53.3	4.7
4/28/99	14:45	A	OK	300	7.50	0.115	0.023	0.122	26948	2.927	50.1	5.9
4/28/99	14:50	B	OK	300	7.50	0.115	0.025	0.122	26897	2.979	55.4	6.8
4/28/99	14:55	A	OK	300	7.50	0.115	0.026	0.122	26479	2.876	42.6	6.7
4/28/99	15:00	B	OK	300	7.50	0.115	0.022	0.122	25524	2.827	56.7	5.9
4/28/99	15:05	A	OK	300	7.50	0.115	0.025	0.122	26774	2.908	41.4	6.6
4/28/99	15:10	B	OK	300	7.50	0.115	0.025	0.122	26105	2.892	44.2	5.3
4/28/99	15:15	A	OK	300	7.50	0.115	0.024	0.122	26650	2.894	47.0	5.9
4/28/99	15:20	B	OK	300	7.50	0.115	0.024	0.121	24857	2.753	41.2	6.6
4/28/99	15:25	A	OK	300	7.50	0.115	0.025	0.122	24385	2.648	47.8	6.9
4/28/99	15:30	B	OK	300	7.50	0.115	0.023	0.121	25513	2.826	41.0	4.7
4/28/99	15:35	A	OK	300	7.50	0.115	0.020	0.122	24688	2.681	50.5	5.7
4/28/99	15:40	B	OK	300	7.50	0.115	0.027	0.121	24350	2.697	43.2	5.5
4/28/99	15:45	A	OK	300	7.49	0.115	0.021	0.122	25211	2.739	46.7	6.2
4/28/99	15:50	B	OK	300	7.50	0.115	0.021	0.121	24785	2.745	46.5	4.6
4/28/99	15:55	A	OK	300	7.50	0.115	0.022	0.122	24825	2.696	41.5	5.6
4/28/99	16:00	B	OK	300	7.50	0.115	0.032	0.121	22921	2.539	52.6	5.5
4/28/99	16:05	A	OK	300	7.50	0.115	0.019	0.121	23721	2.576	51.4	4.6
4/28/99	16:10	B	OK	300	7.50	0.115	0.026	0.121	24236	2.684	49.7	8.1
4/28/99	16:15	A	OK	300	7.50	0.115	0.028	0.121	23724	2.577	56.4	7.9
4/28/99	16:20	B	OK	300	7.50	0.115	0.022	0.121	23242	2.574	59.3	8.6
4/28/99	16:25	A	OK	300	7.50	0.115	0.027	0.121	23842	2.589	59.3	8.7
4/28/99	16:30	B	OK	300	7.50	0.115	0.026	0.121	23938	2.652	67.5	9.8
4/28/99	16:35	A	OK	300	7.50	0.115	0.027	0.121	24914	2.706	54.6	7.9
4/28/99	16:40	B	OK	300	7.50	0.115	0.025	0.121	22908	2.537	55.4	8.9

Mercury Data for Matthews Survey, April 15 to April 28, 1999

DATE	TIME	CH	PEAK	TIME (SEC)	VOL	BL	BL DEV	MAX V	AREA	NG/M ³	WIND DIR	SPEED
4/28/99	16:45	A	OK	300	7.50	0.115	0.021	0.121	24283	2.637	61.5	7.4
4/28/99	16:50	B	OK	300	7.50	0.115	0.023	0.121	23791	2.635	46.2	6.1
4/28/99	16:55	A	OK	300	7.50	0.115	0.024	0.121	23712	2.575	47.2	6.9
4/28/99	17:00	B	OK	300	7.50	0.115	0.027	0.121	22395	2.481	50.4	7.7
4/28/99	17:05	A	OK	300	7.50	0.115	0.021	0.121	22333	2.426	56.0	8.1
4/28/99	17:10	B	OK	300	7.50	0.115	0.025	0.121	23204	2.570	52.8	6.4
4/28/99	17:15	A	OK	300	7.50	0.115	0.021	0.121	23272	2.528	46.8	6.8
4/28/99	17:20	B	OK	300	7.50	0.115	0.021	0.121	21643	2.397	44.7	6.1
4/28/99	17:25	A	OK	300	7.50	0.115	0.021	0.121	21306	2.314	48.7	6.9
4/28/99	17:30	B	OK	300	7.50	0.115	0.019	0.121	21622	2.395	49.9	7.8
4/28/99	17:35	A	OK	300	7.50	0.115	0.027	0.121	21933	2.382	53.0	7.9
4/28/99	17:40	B	OK	300	7.50	0.115	0.022	0.121	21499	2.381	57.9	5.9
4/28/99	17:45	A	OK	300	7.50	0.115	0.016	0.121	21802	2.368	43.0	6.4
4/28/99	17:50	B	OK	300	7.50	0.115	0.023	0.121	20863	2.311	49.1	7.3
4/28/99	17:55	A	OK	300	7.49	0.115	0.029	0.121	21188	2.302	48.8	7.5
4/28/99	18:00	B	OK	300	7.50	0.115	0.024	0.121	21172	2.345	58.0	5.9
4/28/99	18:05	A	OK	300	7.50	0.115	0.020	0.121	21845	2.373	57.1	5.7
4/28/99	18:10	B	OK	300	7.50	0.115	0.023	0.121	20613	2.283	48.9	6.8
4/28/99	18:15	A	OK	300	7.50	0.115	0.023	0.121	20414	2.217	49.5	7.3
4/28/99	18:20	B	OK	300	7.50	0.115	0.030	0.120	21302	2.360	50.5	6.5
4/28/99	18:25	A	OK	300	7.50	0.115	0.021	0.121	20967	2.277	43.8	6.7
4/28/99	18:30	B	OK	300	7.50	0.115	0.026	0.120	21184	2.347	51.9	6.6
4/28/99	18:35	A	OK	300	7.50	0.115	0.028	0.121	20666	2.244	58.2	7.5
4/28/99	18:40	B	OK	300	7.50	0.115	0.022	0.120	20790	2.303	50.7	6.0
4/28/99	18:45	A	OK	300	7.50	0.115	0.025	0.121	20729	2.251	45.9	7.6
4/28/99	18:50	B	OK	300	7.50	0.115	0.026	0.120	20136	2.230	53.9	5.5
4/28/99	18:55	A	OK	300	7.50	0.115	0.023	0.121	21371	2.321	53.1	5.3
4/28/99	19:00	B	OK	300	7.50	0.115	0.025	0.120	20543	2.276	48.7	7.0
4/28/99	19:05	A	OK	300	7.50	0.115	0.026	0.121	20465	2.223	51.6	7.5

Appendix C – Drager Tube Instructions for Use

The following are the instructions provided with the Drager Tubes.

Hydrochloric Acid 1/a

Application Range

Determination of hydrochloric acid gas (HCl) in air or technical gases. Hydrochloric aerosols are not indicated.

Measuring Range: 1 to 10 ppm

Number of Strokes (n): 10

Time of Measurement: approx. 2 minutes

Standard Deviation: +/- 10...15%

Color Change: blue → yellow

Ambient Conditions

Temperature: 5° C to 40° C

Humidity: ≤ 15 mg/L (corresp. 65% RH at 25° C)

Atmospheric Pressure: $F = 1013 / \text{Actual Atmospheric Pressure (hPa)}$

Principle Reaction

HCl + bromophenol blue → yellow reaction product

Requirements

- The Tubes may only be used in conjunction with the following Drager Pumps: Model 21/31, accuro, accuro 2000, or Quantimeter 1000.
- Observe the instructions for the use of the pump.
- Before each series of measurements, check the pump for leaks with an unopened tube.
- The measured value is applicable only to the place and date of measurement.

Measurement and Evaluation

- Break off both tips of the tube in the tube opener.
- Insert the tube tightly in the pump. (Arrow points towards the pump)
- Suck air or gas sample through the tube.
- Read the entire length of the discoloration.
- Multiply the value by the factor F for the correction of the atmospheric pressure.
- Flush the pump with air after the operation.

1 ppm HCl = 1.52 mg HCl/m³

1 mg HCl/m³ = 0.66 ppm HCl (20 °C, 1013 hPa)

Cross Sensitivities

- No interference on the reading of 10 ppm H₂S and 5 ppm NO₂. Other acid gases are also indicated, however, with differing sensitivity.
- Chlorine changes the indicating layer to gray. If chlorine occurs simultaneously, HCl readings will be higher.

Additional Information

Avoid skin contact with the tube filling. Contents are corrosive. Keep out of reach of unauthorized persons. The package strip indicates the order number, shelf life, storage temperature and serial number. State the serial number for inquiries.

Appendix D - Facility Operations Data

In order to determine how the facilities were operating during the time of the survey and to compare that to "normal" operations for a similar time period and to the remainder of the year, MCDEP collected the following data in an *unannounced* inspection of two facilities nearest the neighborhood, East Coast Container and BMWNC. The data was collected for the facilities operational period of January 1998 through September 1999.

D.1 East Coast Container (ECC)

This facility recycles and refurbishes "empty" (less than 1-inch of material) used drums. The drums are emptied of contents and sent through a "reclamation furnace" to remove residue and exterior paints. They are then sandblasted, reshaped, repainted, and shipped to customers for reuse.

ECC provided production data on the number drums sent to the reclamation furnace on a daily basis to MCDEP personnel during an unannounced site visit. These data were compiled and are given in Tables D.1.1 and D.1.2 for the years 1998 and 1999, respectively.

Tables D.1.3 below gives the average number of barrels per day processed in 1998 and 1999. Comparing these averages, it can be seen that the average number of barrels processed per day in each month is higher in 1999 than in 1998. The difference in average daily production falls in a range between 15% and 34% thus indicating that the facility did not reduce production from the previous year. Figure D.1.1 graphically represents the comparison shown in Table D.1.3.

Table D.1.3 - Average number of Barrels per Day in each month of 1998 & 1999.

Average Barrels/day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
1998	1067	1002	1024	1093	1086	1039	1104	1191	1237	1194	1180	1299
1999	1230	1330	1369	1341	1267	1240	1308	1374	1291	nd*	nd	nd
% difference from 98 to 99	15.3	32.8	33.7	22.7	16.7	19.4	18.5	15.3	4.3	--	--	--

nd= no data

By comparing the average number of barrels per day for each year (Table D.1.4, below), the difference in production is seen to vary by about 16%, i.e. 1999 was about 16% greater than in 1998. This difference falls within the relative standard deviation (RSD) for both years indicating that the two ranges of the yearly barrels per day averages overlap, or more generally, that overall production was similar in 1998 and 1999.

Also in Table D.1.4, the comparison of the average barrels per day for the same period of time in 1998 and 1999 show that the average production for the same time period is basically the same. This is indicated by the standard deviation of the averages being approximately 18-20% for both years.

Table D.1.4 - Comparison of Yearly Average Barrels/day between 1998 & 1999

Year	Average Barrels/day	Std Dev	RSD (%)
1998	1125	270	24.0%
1999	1306	228	17.4%
% difference from 98 to 99	16.0%		

Survey Period April 9-May19	Average Barrels/day	Std Dev	RSD (%)
1998	1077	221	20.5%
1999	1309	242	18.5%
% difference from 98 to 99	21.6%		

Whereas Table D.1.4 shows the comparison of the yearly average barrels per day, Figure D.1.2 shows the comparison of the daily operation of the facility during approximately the same period of the survey for 1998 and 1999 (April 13 - May 19). This figure shows that the production was generally higher in 1999. This is supported by the average and the percent difference shown in Table D.1.4 for the survey period for the two years.

Figure D.1.3 shows the number of barrels processed on each day for a period of time of 1½ months before and after the start of the sampling survey period. From the graph it can be seen that there is no discernable pattern of production variance.

Table D.1.1 - Production Data of Barrels Processed per Day

ECC 1998	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Day 1				945		883	1203		1064	1288		1249
2		1235	977	1017		1023	1168		1202		1459	1560
3		1030	1076	264		1150		993	1421		1255	1370
4		1101	1125		905	1075		1257			1090	
5	986	1290	1077		841			1274		1358	1275	
6	1286		540	1265	874		1135	1112		1344	662	
7	1095			1155	788		1008	1025		1128		1235
8	1170			1225		552	1382		1140	1298		1344
9		945	1175	970		938	1140		1136	193	1169	1396
10		1395	1319			1131	606	1220	1381		937	1629
11		1005	1244		1317	1273		1345			1187	1464
12	1240	992	1089		1260	692		1384		1322	1016	
13	1465	300	668	1336	978		1369	1273		1234		
14	1340			1405	785		1022	928	1301	1246		1464
15	1589			1378		1170	1380		1290	1302		1596
16	1087	735	1192	796		1230	992		1467	699	1344	1395
17		560	1007			950	855	1219	1333		1346	1262
18		754	1265			1337		1372			1480	
19	1035	1060	864		1029			1007		1524	1259	
20	842		550	1183	1645		1120	1353		1202		
21	880			1205	1484		1050	1055	1299	1350		1073
22	1348			1082	824	902	1336		1250	1468		1446
23	635	980	1109	980		810	1231		1714	643	1093	637
24		1205	1122	840		987	641	739	1250		1224	
25		1245	1047			1180		1261	135		841	
26	1084	1195	972		998			1377		1213		
27	1010		370	1340	1199		1143	1439		1146		
28	660			1354	1396		996		1325	1405		969
29	455			1260	1050	1303	1183		1140	1518		1136
30			1221	855		1147	1223		1425		1426	1155
31			1515					1194				
Avg. (barrels/day)	1067	1002	1024	1093	1086	1039	1104	1191	1237	1194	1180	1299
TOTAL	19207	17027	22524	21855	17373	19733	23183	23827	22273	23881	20063	23380

NOTES: 1) This table was compiled from raw data sheets obtained from ECC during an unannounced inspection by MCDEP personnel.
 2) No barrels were processed on the days that have no data points.

Table D.1.2 - Production Data of Barrels Processed per Day

ECC 1999	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Day 1		1153	1322			1272	1287		1367			
2		1286	1171			1333		1290	1168			
3		1529	1686			1348	1018	1106				
4	1108	1334	1272			1320	1130	1350				
5	1037	992		1075	1260			1583				
6	609			1267	1307		874					
7	1371			1363	578	1298	1133		1383			
8		1697	1318	1472		1194	1293		1415			
9		1581	1642			998	1054	1341	1223			
10		1478	1266		1025	1309		1284	817			
11	941	1246	1669		885	549		1422				
12	1241			1253	1344		1275	1489				
13	1438			1429	1530		1409		1003			
14	1391			1506		1352	1571		1502			
15		1259	1409	1606		1269	1509		1627			
16		1328	1148	837		1096		1203	1426			
17		1456	1431		1519	1330		1042	834			
18	1778	1452	1413		1437			1439				
19	639	1084	963	1547	1617		1452	1589				
20	1306			1167	1483		1361		1272			
21	1548			1244	568	1346	1330		1203			
22	850	1278	1266	1442		1298	1365		1480			
23		1552	1381			1552		1525	1429			
24		1185	1409		1554	1394		1164				
25	1274	1044	1454		941			1654				
26	1417			1316	1496		1281	1423				
27	1395			1414	1587		1368		1374			
28	1570			1273		1317	1387		1272			
29			1376	1581		1424	1295		1280			
30			1408			1321		1306	1447			
31			1366					1522				
Avg. (barrels/day)	1230	1330	1369	1341	1267	1240	1308	1374	1291			
TOTAL	20913	23934	27370	22792	22799	24800	22244	24732	24522			

- NOTES:
- 1) This table was compiled from raw data sheets obtained from ECC during an unannounced inspection by MCDEP personnel.
 - 2) No barrels were processed on the days that have no data points.
 - 3) The time period of the Matthews Survey are shaded in light gray

Figure D.1.1 - Average # Barrels per Furnace Operation Day Vs Month

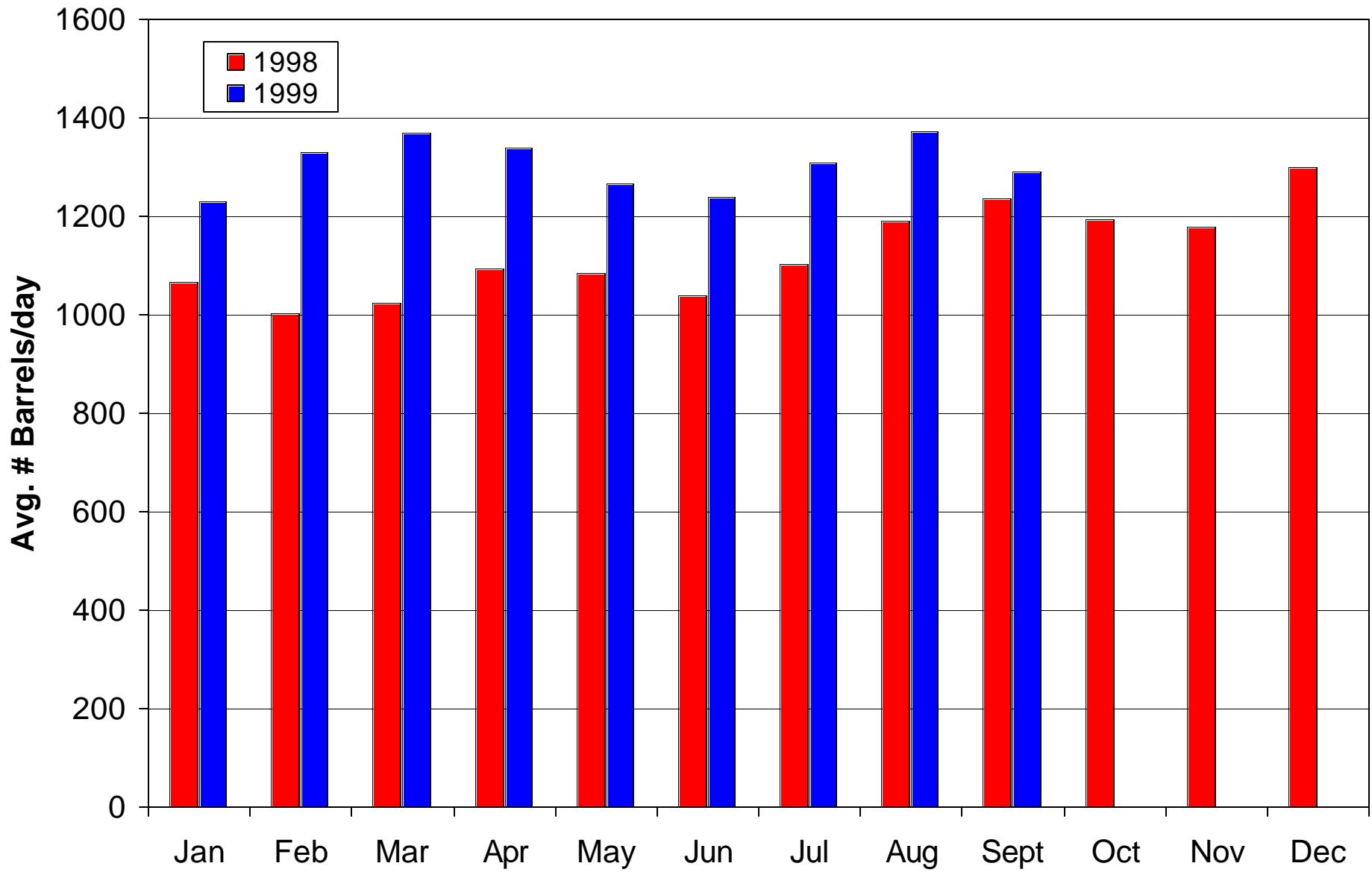


Figure D.1.2 - Comparison of Daily Operation during Survey Period

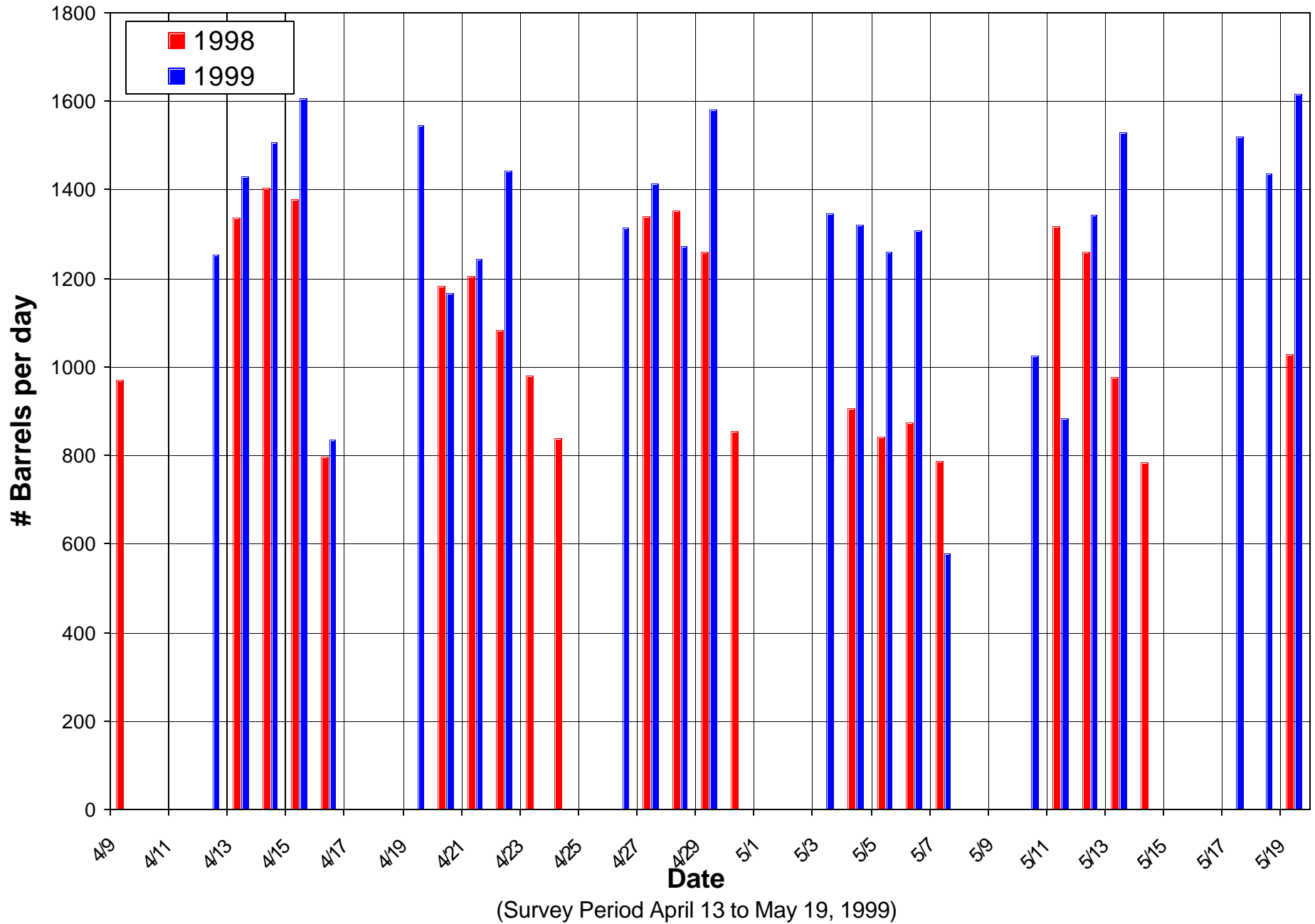
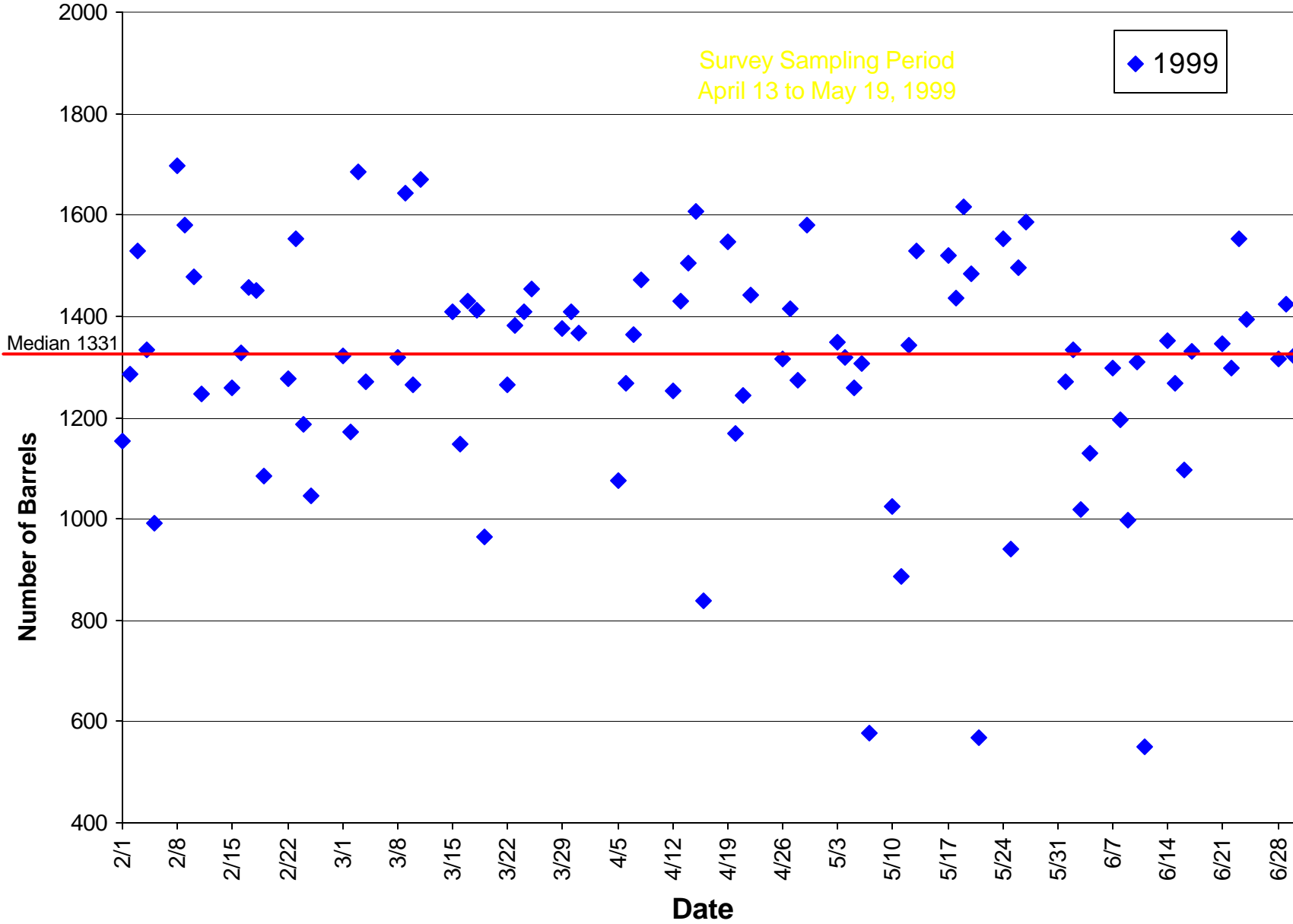


Figure D.1.3 - Daily Operation from February 1 to June 31, 1999



D.2 Biomedical Waste of NC (BMWNC)

This facility is a medical waste incinerator facility that is permitted through the MCDEP (permit limits and specifications available from MCDEP).

The facility provided production data on the pounds of waste burned on a daily basis to MCDEP personnel during an unannounced site visit. These data were compiled and are given in Tables D.2.1 and D.2.2 for the Jan. 1 - Dec. 31, 1998 and Jan. 1 - Sept. 15, 1999, respectively. The data were collected through September 15, 1999 which were the latest data available at the time of the inspection.

Tables D.2.3 and D.2.4 below give the 1998 and 1999 average pounds per day and total pound per month incinerated, respectively. By comparing the values in Table D.2.3, it can be seen that the average number of pounds processed per day in each month is generally higher in 1999 than in 1998 with some variation. The difference in average daily production for each month generally falls in a range between 5% and 18% with variability between the two years, i.e. some months the average is higher for 1998 and some are higher for 1999. This indicates that the production at the facility is variable and that production may not be predictable. Figure D.2.1 graphically represents the comparison shown in Table D.2.3 for the average lbs/day each month in 1998 & 1999.

Table D.2.3 - Average Pounds per Day in each month of 1998 & 1999.

lbs/day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
1998	67748	77032	70273	66714	77145	74792	64383	63475	59544	64006	72762	70323
95% conf.int. ^{1,2}	±3682	±6871	±2383	±5436	±4693	±7487	±7056	±4190	±5737	±4177	±10656	±8512
# of samples, n	31	28	31	30	31	30	31	31	30	31	30	31
1999	66571	82818	78641	78696	69519	70883	68252	66711	69459			
95% conf.int. ^{1,2}	±6263	±5948	±6910	±7325	±4256	±6497	±7277	±8271	±6910			
# of samples, n	31	28	31	30	31	30	31	31	15			
% difference from '98 to '99 in the monthly average lbs/day	-1.7%	7.5%	11.9%	18.0%	-9.9%	-5.2%	6.0%	5.1%	16.7%			

1. 95% conf. int. means that there is a 95% confidence that the values for the pounds per day fall within the confidence interval (conf. int.) value.
2. 95% confidence interval calculated as follows: $(t)(\text{std. dev.})/(n)^{1/2}$ where t is Student's t-value (2.072), std. dev. (standard deviation), and n is the number of values.

In Table D.2.4, the total number of pounds processed in each month is given along with the percent difference in the totals for 1998 and 1999. As can be seen with the daily averages, there are variations that appear to be due to the operational norm for the facility. This can be more clearly seen in Figure D.2.2. The data within the two years does not seem to present any discernable pattern of variability.

Table D.2.4 - Total Pounds per Month in each month of 1998 & 1999.

lbs/month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
1998	2100175	2156900	2178450	2001420	2391506	2243749	1995879	1967740	1786328	1984194	2182852	2180009
1999	2068740	2318900	2417390	2348310	2152540	2087070	2170720	2127850	1041880			
% difference from 98 to 99	1.5%	-7.5%	-11.0%	-17.3%	10.0%	7.0%	-8.8%	-8.1%				

Table D.2.5 shows the comparison of the yearly average lbs/day values and their relative standard deviations for 1998 and 1999 and a comparison of those years to the survey period. The table shows that the relative standard deviation for the two years in the yearly average lbs/day are virtually the same at 25.4% and 25.3% with a difference in the two years of 5.3%. This means that the daily average increased slightly in 1999 (5.3%) but that the variability in the 1999 daily average was nearly the same as in 1998.

This pattern can also be seen by comparing the survey period between the two years. Again, the percent difference is relatively small (3.5%) indicating that when 1999 is compared to 1998, the amount of material burned for the same time period was similar, but with a slight increase in 1999. Comparison of the RSDs of the longer time periods in 1998 and 1999 in the upper section of the table (approximately 25%) with the survey period (lower section), 19.6% and 22.9% for 1998 and 1999, respectively, indicates that the variation in the survey period are similar to the variation in the data collection period.

Table D.2.5 - Comparison of the Yearly Average Pounds per day for 1998 & 1999

Year	Avg lbs/day	Std Dev	RSD (%)
1998	68957	17536	25.4%
1999	72610	18337	25.3%
% difference from 98 to 99	5.3%		

Survey Period April 9 - May 19	Avg lbs/day	Std Dev	RSD (%)
1998	69071	13555	19.6%
1999	71511	16346	22.9%
% difference from 98 to 99	3.5%		

To further illustrate the variable nature of the processing at the facility, Figure D.2.3 depicts the daily values of burned material for 1998 and 1999. As can be seen the amount of material burned each day is quite variable and does not show any consistently obvious trends with respect to time. Also, this variation is observable in both 1998 and 1999.

Figure D.2.4 graphically illustrates the time period from January 1 to September 15, 1999 for the number of pounds burned each day. Again the burned amount is quite variable as indicated by the 25.3% RSD in Table D.2.5 for 1999.

Also note that there are frequent "peaks" in the burn amounts followed by relative periods where the burn amounts are closer to the median value (67919 lbs/day). It was during one of these periods that the sampling was conducted although there were days at the beginning and the end of the survey during which sampling was conducted where the amounts were higher. The graphs indicates that the facility did not undergo any unusual reduction of burning during the sampling period to a level that was not consistent with the operational median for 1999. If there had been a reduction in operations to a level below what was "normal" operations (median), the daily burn values for the time periods shown would have been consistently below this median value.

Table D.2.1 - Amount of Material Burned per Day at BMWNC 1998

BMWNC 1998	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
1	68250	65455	68557	73433	72420	63065	66433	72145	23035	58085	95953	100205
2	42662	66926	89735	89163	74223	100958	84682	57721	28306	67384	87255	103749
3	71512	70094	92421	88618	70766	102868	97536	36840	33416	61029	68189	101863
4	67479	68089	67424	98131	66950	99074	99561	35353	44409	53636	68844	70117
5	71110	50760	69039	102210	69057	106161	87135	43225	61903	34249	87463	66788
6	64882	69964	72742	73920	69648	102561	44100	60996	72835	49704	94836	71416
7	62284	68916	71931	59515	70850	81685	35019	66922	68642	63847	102590	68350
8	64051	69319	70522	64658	70707	39532	34861	64783	71314	53714	86275	68915
9	70161	69869	66733	68889	68093	36981	59481	71352	38703	55170	64932	70711
10	62233	68778	72030	70378	72023	51961	67605	64214	33562	67567	71963	64942
11	48420	68882	71020	64611	71589	70009	64467	61347	57167	67212	71232	101229
12	62152	89309	68228	52134	73900	68682	60204	77640	67420	64583	73379	87131
13	60329	83230	74077	34098	71924	65775	61258	94606	68233	65435	73514	99298
14	62796	109087	70977	62340	78767	94345	62198	65074	69057	66543	74689	98236
15	68254	97327	69557	62293	90122	93940	64373	67209	73420	56396	52544	80680
16	57087	100834	68000	68644	102776	80687	53786	45051	71282	63714	28823	71162
17	64433	90770	69818	66910	100560	71900	70918	56577	71749	60291	22148	73584
18	67759	93968	69256	69134	93381	67114	64166	56936	69769	47804	51888	71088
19	68105	105031	73163	63135	92378	96680	66527	67418	66206	65529	65562	73577
20	69956	106649	71294	68518	100376	99415	63355	68158	67526	68740	67772	56755
21	70789	105618	69854	66484	100090	89902	63439	70115	69755	68518	71330	70426
22	90851	43333	60324	69004	97439	61349	67125	68006	68163	65057	103508	66867
23	85108	61032	67048	67446	69437	66230	66397	68342	40624	67389	101014	61212
24	95200	60864	70180	66144	70580	39606	101870	66590	58884	68660	99767	3818
25	75107	63542	67736	63003	70287	71128	95607	62702	69677	65748	4514	0
26	65016	68639	69188	46074	53933	66241	73400	65697	71697	66878	0	52237
27	69633	70237	70219	53560	70955	68483	34377	65041	72972	65272	76496	66659
28	68733	70378	69165	70191	75275	67681	33695	68348	67506	64672	105555	65412
29	69247		57849	39685	68284	53598	31587	66604	62598	72282	106375	67067
30	68035		65228	59097	69369	66138	55886	67247	46498	100163	104442	63042
31	68541		65135		65347		64831	65481		88923		63473

TOTAL	2100175	2156900	2178450	2001420	2391506	2243749	1995879	1967740	1786328	1984194	2182852	2180009
Avg. (lbs/day)	67748	77032	70273	66714	77145	74792	64383	63475	59544	64006	72762	70323
Std Dev	10041	17806	6499	14582	12797	20083	19241	11426	15391	11390	28583	23211
95% conf int	+3682	+6871	+2383	+5436	+4693	+7487	+7056	+4190	+5737	+4177	+10656	+8512
n=	31	28	31	30	31	30	31	31	30	31	30	31

95% conf int means that there is a 95% confidence that the values for the pounds per day fall within the confidence interval (conf int) value.

95% confidence interval calculated as follows: $\pm (t)(\text{std dev})/(n)^{1/2}$ where t is Student's t-value (2.072), std dev (standard deviation), and n is the number of values.

Table D.2.2 - Amount of Material Burned per Day at BMWNC 1999

BMWNC 1999	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
1	67820	73047	102975	64627	63640	69514	34822	104554	97111			
2	61103	97647	77664	62629	67091	66284	35067	77164	74670			
3	15036	88122	59157	65714	68395	64196	35292	34623	79259			
4	30164	97285	36763	71211	71456	62203	33197	53402	86206			
5	34443	68319	60802	94663	68825	60277	58928	66985	75296			
6	66945	66452	64664	103449	67646	59304	68023	47874	59957			
7	66767	70786	67142	100544	47133	70049	60291	60103	61284			
8	64165	73367	70759	99540	61762	65976	57445	69829	62292			
9	67905	62570	63184	102675	60279	65414	85305	63654	53618			
10	66111	86994	58106	95080	64451	72459	93971	64539	60634			
11	69549	91262	63589	104288	60392	94669	103613	58637	59381			
12	70800	72992	64637	97413	65006	82261	93076	43097	65373			
13	56438	62843	61262	97427	63906	69154	98662	66389	59318			
14	87311	69930	60998	98228	64784	63311	64041	96624	83998			
15	101846	66045	63143	102324	64471	67544	67701	98698	63481			
16	103234	68494	81548	94899	69007	69095	66243	98199				
17	83811	68197	71799	92398	65516	59135	63189	107756				
18	66910	69545	71334	75634	69767	65345	65882	103094				
19	63465	65330	75037	67540	82490	57802	68338	86684				
20	61802	91016	100052	66351	97338	52466	63932	57623				
21	66346	103785	106556	63783	97760	67933	64943	41537				
22	70045	102336	105769	58101	98059	94193	62815	30275				
23	68645	101582	100999	55138	87135	89445	65106	37690				
24	72585	103519	98310	31915	68571	99645	63864	63420				
25	72149	100726	101459	55305	62589	93681	66256	69393				
26	72684	99584	98026	59669	69940	96711	65129	58578				
27	60249	94065	99044	66805	66417	89360	84179	61187				
28	71028	103058	102560	64993	56113	63068	95882	46211				
29	71199		93259	69829	66114	25104	94113	66788				
30	70388		69651	66142	68520	31469	98523	91427				
31	67793		67142		67968		92891	101812				

TOTAL	2068740	2318900	2417390	2348310	2152540	2087070	2170720	2127850	1041880			
Avg. (lbs/day)	66571	82818	78641	78696	69519	70883	68252	66711	69459			
Std Dev	17077	15413	18843	19648	11603	17426	19843	22553	12558			
95% conf int	+6263	+5948	+6910	+7325	+4256	+6497	+7277	+8271	+6910	For Sept '99 t=2.131		
n=	31	28	31	30	31	30	31	31	15			

95% conf int means that there is a 95% confidence that the values for the pounds per day fall within the confidence interval (conf int) value.

95% confidence interval calculated as follows: $(t)(\text{std dev})/(n)^{1/2}$ where t is Student's t-value (2.072), std dev (standard deviation), and n is the number of values.

Figure D.2.1 - Daily Average Number of Pounds Burned Vs Month

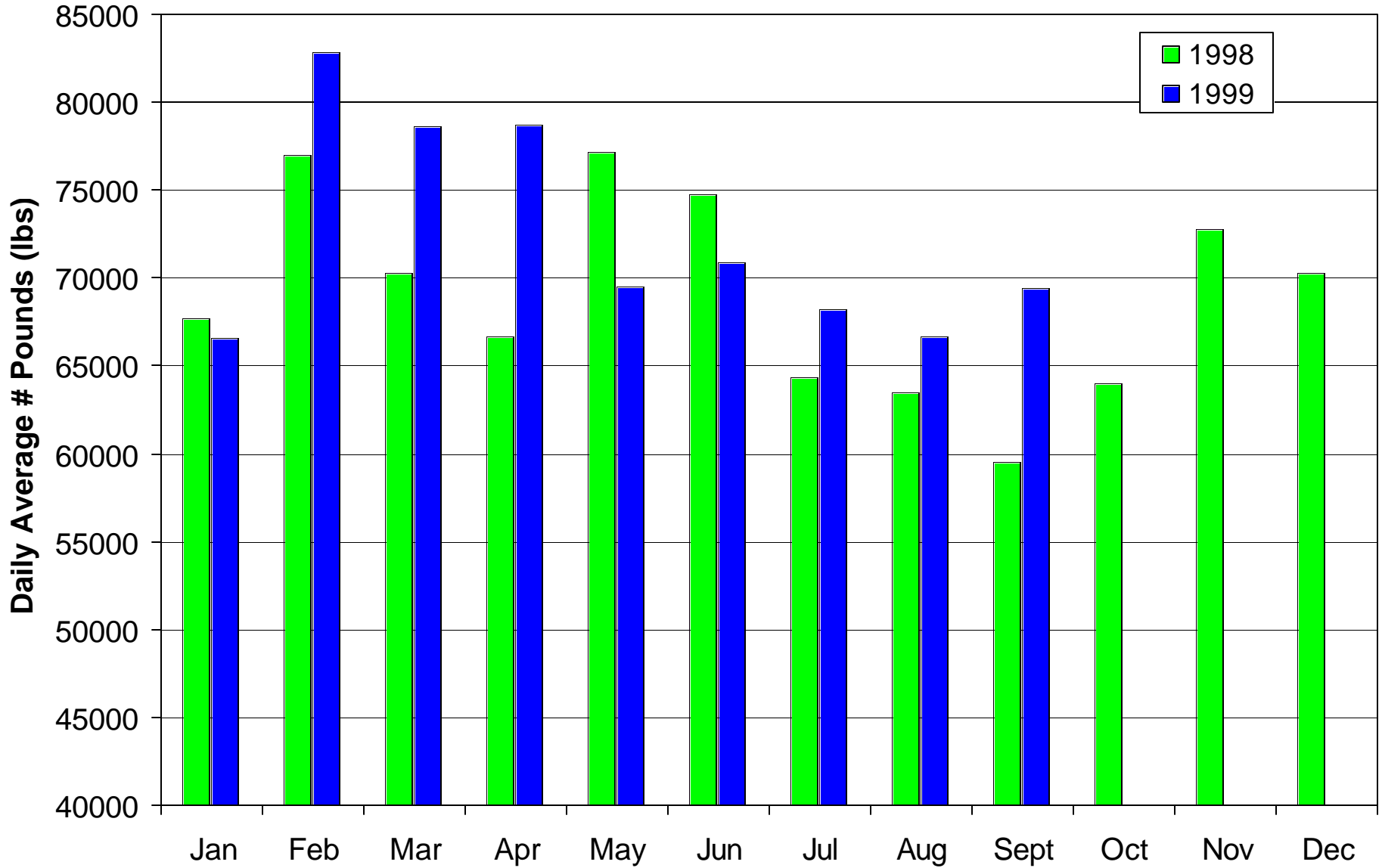


Figure D.2.2 - Total # Pounds Burned Each Month

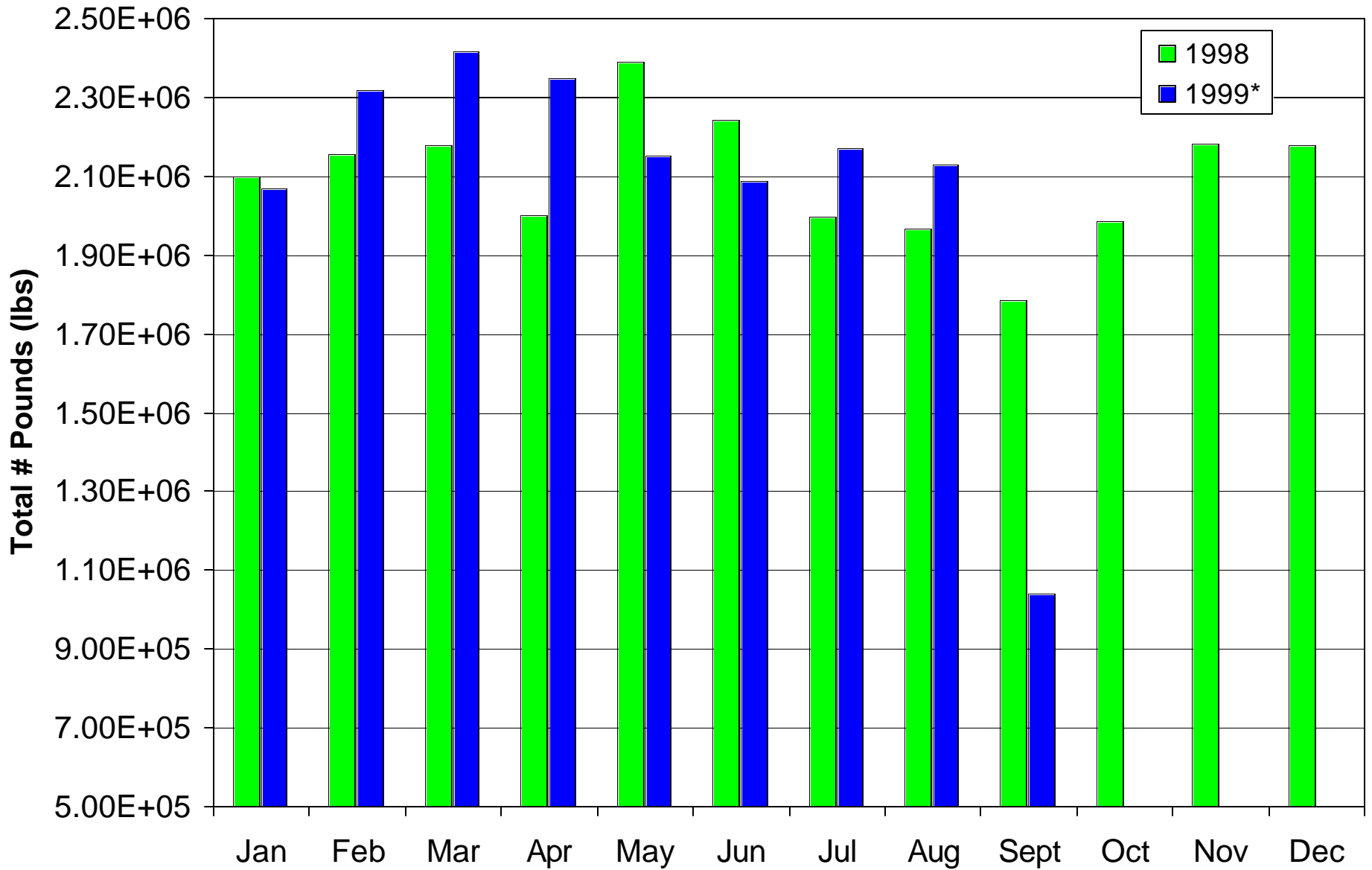


Figure D.2.3 - Number of Pounds Burned Each Day

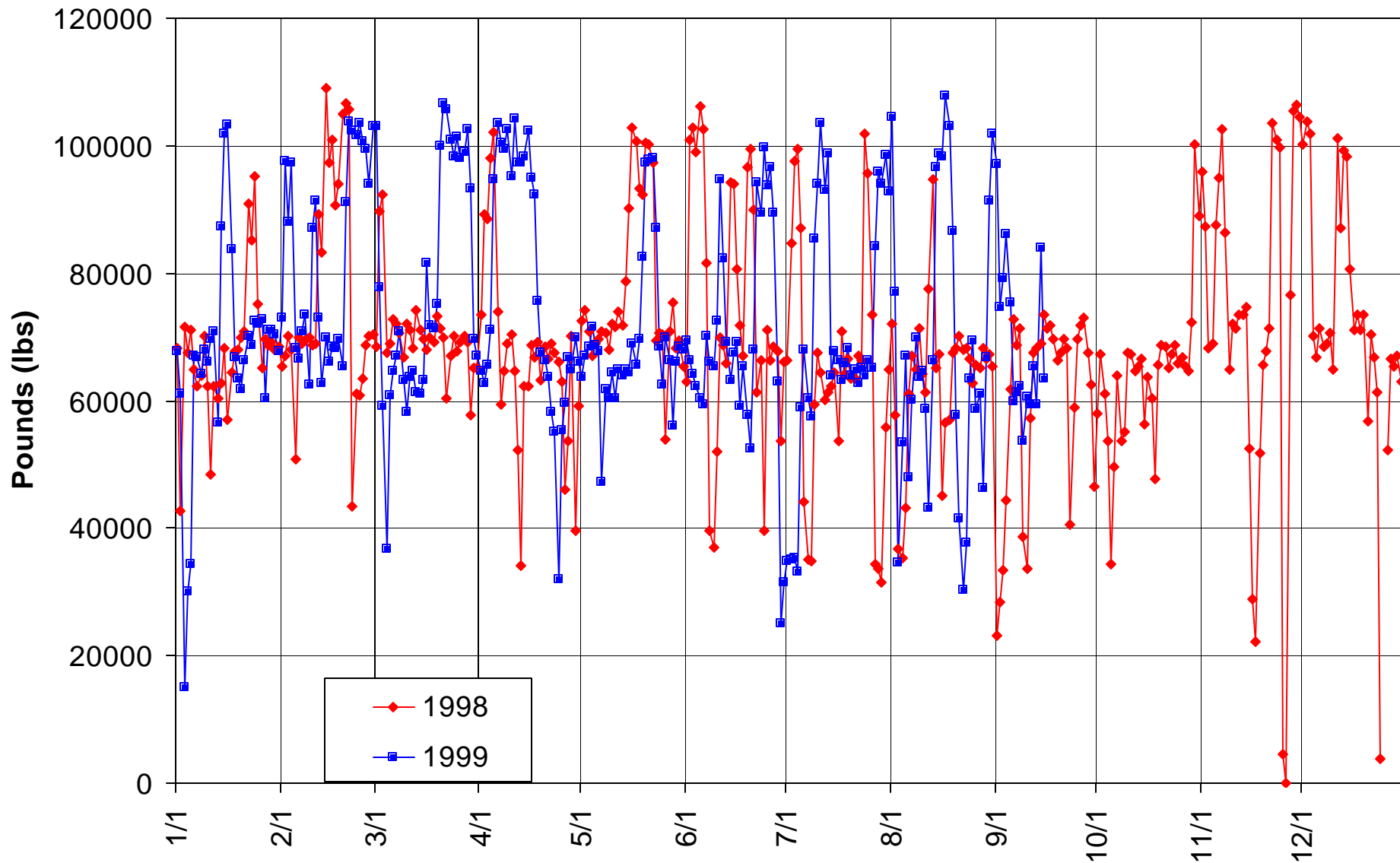
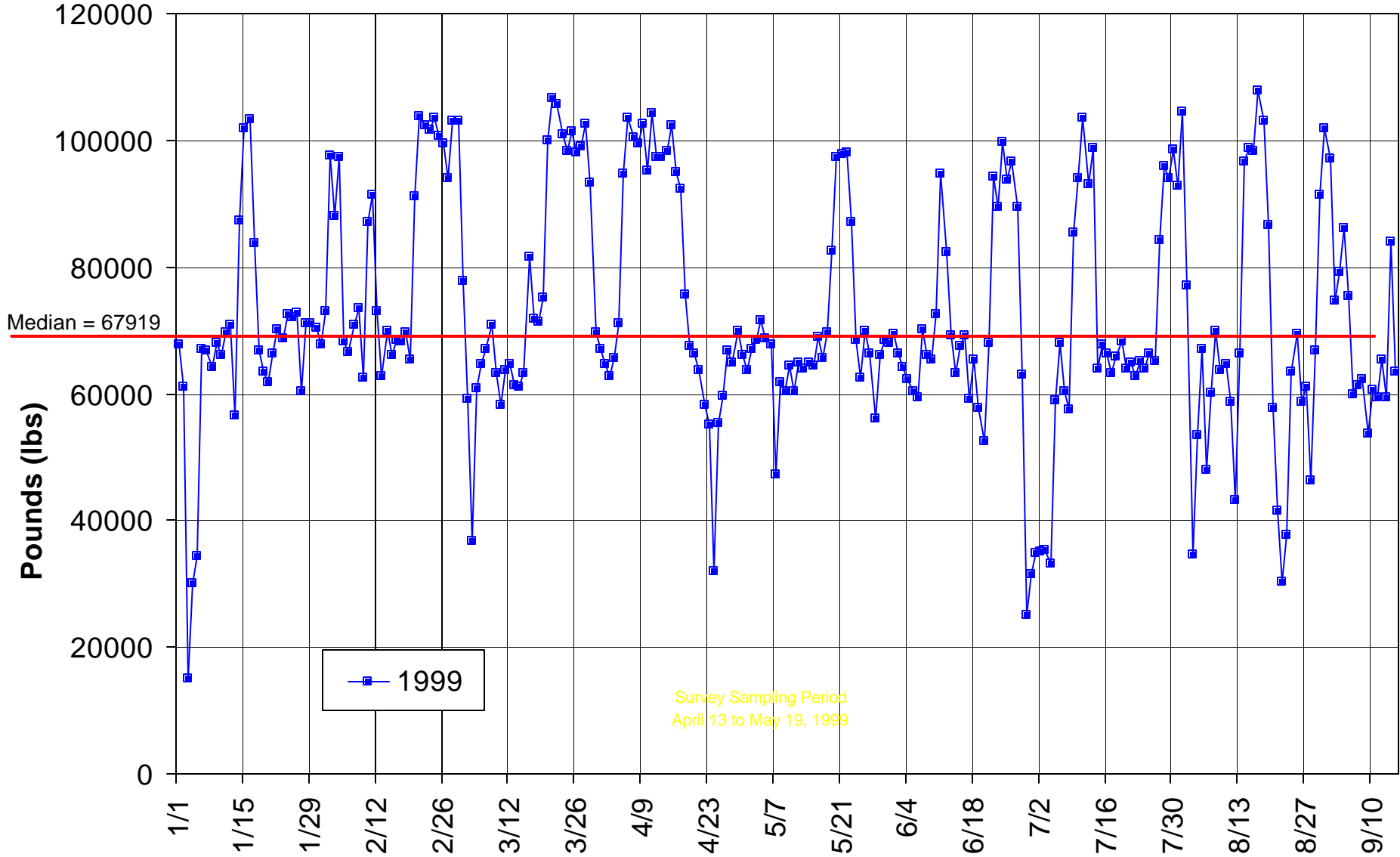


Figure D.2.4 - Number of Pounds Burned Each Day



Appendix E – Cost Estimates of Survey

The following table is the estimated cost of conducting the Matthews Survey of Toxic Air Pollutants in Matthews, NC. These estimates are only for the sampling and analyses costs for the samples and are **not** inclusive of personnel costs (salaries, time, transportation, hotels, meals, etc), amortized capital equipment expenses, or other non-direct costs.

Item	Agency	Estimated cost per sample or item ¹	Number of samples ²	Total item cost (\$)
Site Installation/Maintenance ³	MCDEP	\$1000	3	\$3000
Mercury	NC DAQ	N/A	2931	\$350
Metals	MCDEP	\$85	50	\$4250
Volatile Organic Compounds	NC DAQ	\$140	108	\$15,120
Formaldehyde	NC DAQ	\$80	27	\$2160
Hydrogen chloride	NC DAQ	\$10	20	\$200
			Total Cost	\$25,080

Notes:

1. N/A indicates a cost per sample is not applicable and in this case is for expendable supplies.
2. Number of samples includes the number collected in the field as well as blanks and standards.
3. Maintenance includes utility costs and physical site maintenance.