Summary and Evaluation
Perimeter Road Property Transfer SWMU/AOC
Boeing Auburn Plant
Auburn, Washington

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Prepared for

The Boeing Company

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1.0 INTRODUCTION

The Boeing Auburn Plant, located within the Cities of Auburn and Algona, is owned and operated by The Boeing Company (Boeing). The plant is operating under Agreed Order (AO) No. 01HWTRNR-3345 between Boeing and the Washington State Department of Ecology (Ecology), issued under the authority of RCW 70.105D.050(1) and WAC 173-340-530. The Boeing Auburn Plant is within the definition of the regulated facility defined in the AO. The AO provides for an expedited process for voluntary conveyance or sale of a property or parts of a property prior to formal completion of corrective action. The property transfer process is documented in Section VII.13 of the AO. Property transfer provisions in the AO require that Boeing notify Ecology of any contemplated property transfer at least 90 days prior to transfer finalization. The AO also requires that Boeing submit information concerning:

- The Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs) present on the subject property
- The remedial actions completed or underway at the subject property.
- The likelihood of releases of hazardous constituents at or from the subject property
- The likelihood of releases from the remaining Boeing property onto the subject property

Based on this information, Ecology will prepare a written determination that a no further action (NFA) is appropriate and the subject parcel shall cease to be considered part of the facility. Alternatively, Ecology may determine that additional actions are necessary and the subject parcel must remain as part of the facility.

As part of their asset reutilization process, Boeing has identified the City of Auburn as a potential recipient of the Perimeter Road parcel of the Boeing Auburn Plant. This parcel includes the roadway and the area west of the roadway to the current facility boundary. The approximate location of the Perimeter Road parcel is shown on Figure 1. The parcel is shown on Figure 1.

Perimeter Road was originally a local road that was later developed by Boeing when they purchased the property from the General Services Administration in 1966. The road is not present in a 1940 aerial photograph of the site. The rail line directly west of Perimeter Road is visible along with a drainage ditch that presumably was developed into Government Canal. By 1960, Perimeter Road is visible in an aerial photograph; the road extends south from 15th Street SW about halfway to present day 1st Avenue South. By 1968, Perimeter Road is visible in an aerial photograph from 15th Street SW all the way to 1st Avenue South. Aerial photographs from 1940, 1960 and 1968 are included in Appendix A.

2.0 SWMU AND AOCS

The Perimeter Road parcel does not contain any SWMUs or AOCs based on a description of SWMUs and AOCs in the *Resource Conservation and Recovery Act Facility Assessment Final Conclusions and Recommendations* (Tetra Tech 1998) and the *Remedial Investigation Work Plan* (Geomatrix 2003). A number of SWMUs are located adjacent to or near (within 100 ft) the road. These SWMUs are:

- SWMU-S-07a: Government Canal
- SWMU-S-07b: Government Canal Stormwater Treatment Facility
- SWMU S-02: Building 17-32 and 17-33 Regulated Waste Material Staging Area
- SWMU S-06: Building 17-15 Rinsewater Treatment Plant
- SWMU S-26: Former North Lagoon
- SWMU S-27: Former South Lagoon
- SWMU S-29: Former Landfill.

The location of these and other SWMUs and AOCs are shown on Figure 2.

The AO categorized SWMUs and AOCs into three categories: Column 1a, Column 1b and Column 2. Column 1a SWMUs and AOCs required further action for soil and groundwater; Column 1b required further action for groundwater only. Column 2 SWMUs and AOCs either have completed independent remediation and/or additional work is not needed to meet cleanup standards. Of the seven SWMUs identified near Perimeter Road, all except SWMU S-06 were identified as Column 2 (no further action required) in the AO. A release potential summary from the RFA (Tetra Tech 1998) for each of the seven SWMUs listed above is presented in Appendix B.

SWMU S-06, located at Building 17-15, is being investigated as part of the facility remedial investigation; it is identified as a Column 1a SWMU requiring further soil and groundwater investigation.

3.0 REMEDIAL ACTIONS COMPLETED OR UNDERWAY AT OR NEAR THE PERIMETER ROAD PARCEL

Site-wide groundwater quality is being assessed through a series of "boundary" wells (Geomatrix 2003). A number of boundary wells and other wells are located on or directly adjacent to the Perimeter Road parcel. These wells are shown on Figure 1. All but one of these wells, AGW024, were sampled during the RI. (AGW024 was sampled prior to the RI). A subset of these wells continues to be sampled on an interim basis after completion of the prescribed RI sampling. Table 1 summarizes RI and interim (post-RI) sampling requirements at these Perimeter Road monitoring wells.

Six direct-push probe installations (ASB0136 through ASB0140), were installed on the Perimeter Road parcel during the RI near SWMU S-06 (Landau Associates 2004). The purpose of SWMU S-06 RI investigations was to collect additional data to evaluate the source and extent of vinyl chloride in groundwater in the vicinity of the wastewater pre-treatment plant (WWPTP). Groundwater samples from ASB0136 through ASB0140 were analyzed for VOCs. The locations of these probes are shown on Figure 3.

4.0 LIKELIHOOD OF RELEASES OF HAZARDOUS CONSTITUENTS AT OR FROM PERIMETER ROAD

The likelihood of releases of hazardous constituents at or from the Perimeter Road parcel is very low. No SWMUs or AOCs were identified on this property during the RFA (Tetra Tech 1998). Runoff from the road surface generally enters into adjacent unlined ditches and either percolates into soil or eventually discharges to Government Canal (SWMU S-07a) (see Figure 2). Government Canal has been previously investigated and in 1992, over 1,000 soil and sediment samples (GeoEngineers 1992) were collected (GeoEngineers 1992). A comprehensive risk assessment was also performed that indicated no further action was necessary to protect human health in the vicinity of the canal (Geomatrix 2004). These data from the Government Canal investigation are consistent with the lack of a release from Perimeter Road.

5.0 LIKELIHOOD OF RELEASES FROM THE REMAINING BOEING FACILITY ONTO THE PERIMETER ROAD PARCEL

Analytical data from 1990 to the present from Boeing Auburn monitoring wells are managed in an RI database. The database was queried to identify detections of constituents in groundwater from Perimeter Road monitoring wells that exceed Model Toxics Control Act (MTCA) Method B cleanup levels[1]. Exceedences of cleanup levels occurred in samples from a number of wells. However, the only exceedences that are considered evidence of a release from the facility occur in wells west and north of SWMU S-06 and Building 17-15. This is a known condition that was further evaluated as part of the site-wide RI described in Section 3.0. Groundwater exceedences of cleanup levels are summarized in Table 2. A list of all groundwater data from 2000 to the present is presented in Appendix C.

Metals exceedences included iron, manganese, nickel, chromium, chrome VI, thallium and vanadium. The manganese and iron exceedences were detected in dissolved and total metals analyses. The occurrence of these metals is widespread in the shallow aquifer and is associated with naturally occurring groundwater conditions. There is no evidence that iron and manganese concentrations in groundwater are associated with a release from the facility. Thallium and vanadium detections are detected at very low concentrations slightly above cleanup levels. Typically these detections are associated with total metals analyses but occasionally dissolved metals analyses also exceeded cleanup levels. While vanadium is only detected above cleanup levels at a very low frequency, thallium is detected at a relatively high frequency. The detections of thallium are a function of the very low cleanup level of this constituent (0.0005 µg/L) which is lower than the analytical method reporting limit (0.001 µg/L to 0.005 µg/L). All of the thallium detections occurred within the range of reporting limits for this constituent. Very low levels of thallium and vanadium occur naturally in soil and groundwater at low concentrations and the levels observed in the Perimeter Road wells are considered consistent with naturally occurring levels of these constituents. Chrome VI was detected once at one well. The value was flagged as estimated and is not considered indicative of a release from the facility. Chromium was detected twice and nickel was detected once slightly above cleanup levels (all three exceedence were for total analyses). Neither of these constituents was detected in the dissolved phase above cleanup levels.

A single semi-volatile constituent, bis(2-ethylhexyl)phthalate (also known as DEHP), was detected at a number of wells. Bis(2-ethylhexyl)phthalate is a plasticizer (makes plastics more flexible) that is ubiquitous in the environment due to anthropogenic impacts. It is a component of polyvinyl chloride (PVC) products and various plastics and is used in adhesives, cosmetics, pesticides and vacuum

[1] MTCA Method B cleanup levels are used as screening levels to evaluate the data.

pump oil (Michigan State University 2005). Since this constituent is only detected sporadically along Perimeter Road, and has not been detected more than once at any one of these wells, it is likely that the occurrence of this constituent is due to localized impacts.

A few volatile organic compounds (VOCs) have been detected in groundwater in wells in the vicinity of SWMU S-06. However, vinyl chloride is the only constituent detected recently above cleanup levels. The most recent exceedences of vinyl chloride cleanup levels occurred at wells AGW032, AGW033 and AGW105(I). These three wells are located west or north of Building 17-15 (Figure 1) and are indicative of a low level release of volatile organic compounds from the facility beneath Perimeter Road. Additional investigation of VOCs along Perimeter Road was conducted as part of the RI with the installation of six direct push probes (Figure 3). Vinyl chloride was detected in one of these probes at 0.083 µg/L. Direct push probe VOC data is presented in Table 3.

6.0 CONCLUSIONS

Existing groundwater data for wells located on or near the Perimeter Road parcel indicate the presence of a minor release of very low levels of vinyl chloride from the main portion of the facility beneath Perimeter Road. There is no evidence of a release from the Perimeter Road parcel itself. The presence of a release beneath the Perimeter Road parcel indicates that additional remedial actions will have to be conducted on this parcel in the future. Additional remedial actions will likely consist of continued groundwater monitoring. It is very unlikely that any active remediation will be conducted on the subject parcel to address this minor release. Monitoring of current wells on the Perimeter Road parcel would also likely be required regardless of the presence of a release to monitor groundwater quality as part of Boeing Auburn facility boundary well monitoring.

7.0 REFERENCES

GeoEngineers. 1992. *Government Canal Phase 2 Investigation, Boeing Auburn Plant.* October.

Geomatrix. 2003. *Remedial Investigation Work Plan, Boeing Auburn Plant.* October.

Geomatrix. 2004. *Area 5 Property Transfer SWMU/AOC Summary and Evaluation, Boeing Auburn Plant, Auburn, Washington.* January.

Landau Associates. 2004. *Rationale for Siting Intermediate Well AGW105 Near SWMU S-06 Remedial Investigation - Boeing Auburn Facility Auburn, Washington.* Memorandum submitted to Washington Department of Ecology. May 12.

Michigan State University. 2005. Envirofacts website created by Michigan State University and funded by the National Institute of Environmental Health Sciences. http://www.envirotools.org/factsheets/contaminants/di(2-ethylhexyl)%20phthalate.shtml#lref . Accessed July 23, 2005.

Tetra Tech. 1998. *The Boeing Company Auburn Fabrication Division, Auburn, Washington, Resource Conservation and Recovery Act Facility Assessment Final Report*. June 19.

Perimeter Road Parcel

Legend

- AGW080 — Perimeter Road Monitoring Well
- AGW045 — Abandoned Well
- AGW041 — Monitoring Well (Shallow Zone unless Otherwise Indicated)
- (I) — Intermediate Zone Monitoring Well
- (D) — Deep Zone Monitoring Well
- 17-68 — Boeing Building and Number
- Property Boundary
- Perimeter Road Parcel

AGW080 AGW081 AGW082 AGW083 AGW030 AGW105 (I) AGW029 AGW024 AGW034 (D) AGW079 AGW025 AGW026 AGW032 AGW028 AGW027 AGW047 AGW037 AGW040 AGW050 AGW039 AGW049 AGW038 AGW048 AGW046 AGW033 AGW035 (D) AGW031 AGW098 (D) AGW095 (I) AGW019 AGW073 (D) AGW072 (I) AGW071 AGW065 AGW075 AGW070 AGW066 AGW064 AGW055 AGW007 AGW054 AGW006 AGW017 AGW010 AGW013 AGW016 AGW014 AGW009 AGW011 AGW057 (I) AGW012 AGW058 AGW008 AGW056 AGW005 AGW059 AGW060 AGW067 AGW069 AGW068 AGW021 AGW023 AGW022 AGW020 AGW116 AGW115 AGW118 AGW045 AGW044 AGW117 AGW041 AGW042 AGW043 AGW062 AGW061 AGW018 AGW076 AGW086 AGW001 AGW104 AGW078 AGW084 AGW097 (I) AGW099 (D) AGW096 AGW077 AGW085

17-31 17-45 17-44 17-10 17-07 17-12 17-11 17-28 17-18 17-21 17-35 17-70 17-71 17-66 17-13 17-06 17-05 17-72 17-01 17-23 17-24 17-08 17-16 17-09 17-74 17-275 17-04 17-14 17-220 17-34 17-29 17-240 17-239 17-234

1st Avenue S

15th Srteet SW

PSP&L R/W UPRR R/W

YMCA Junior Achievement

Former Building 17-03

GSA Property

0 400 800

Scale in Feet

Base map source: Geometrix 2003

Boeing/Auburn | X:\025\164035\Fig1_2.dwg (A) "Figure 1" 7/25/2005

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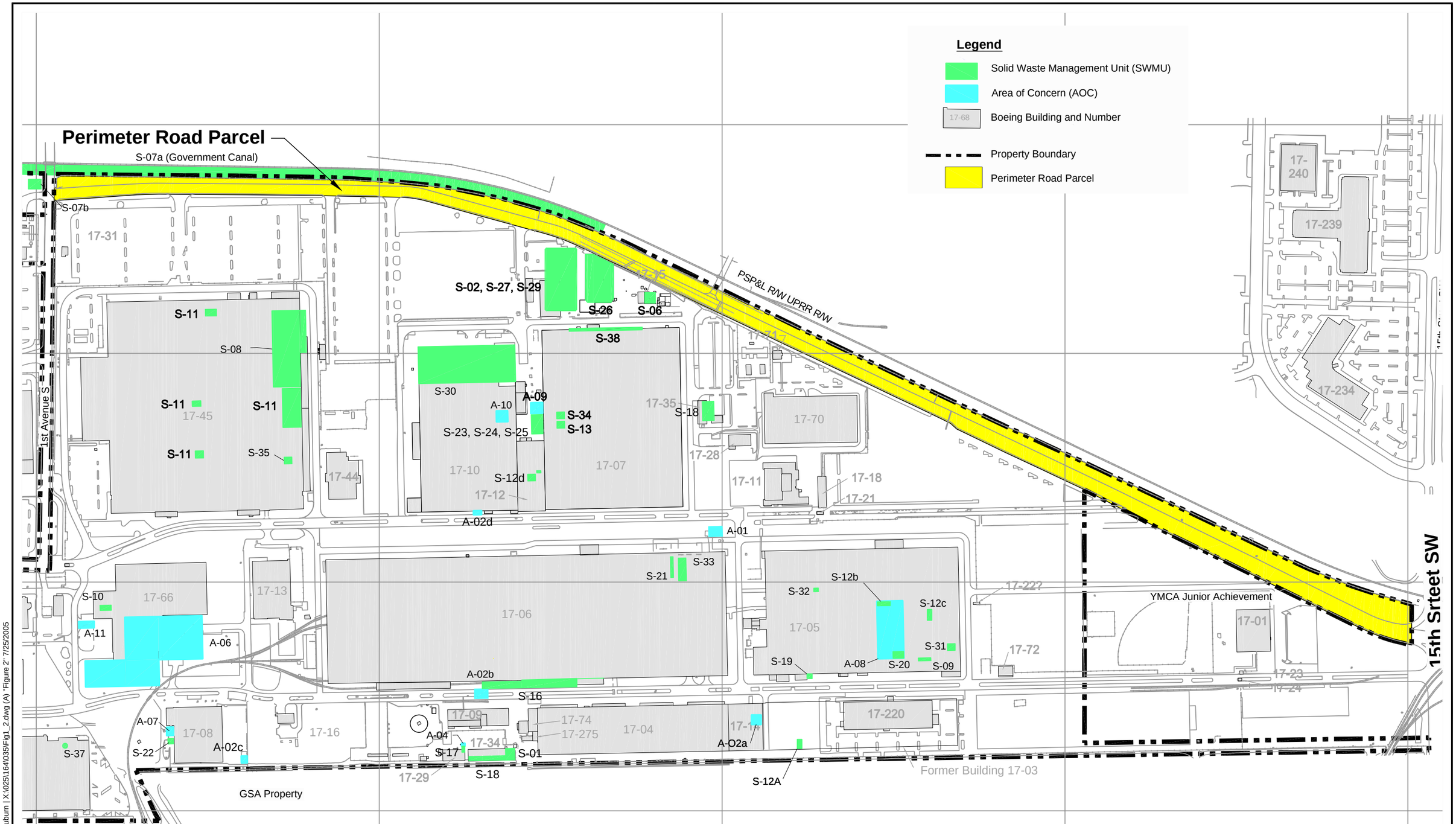
Boeing Auburn Perimeter Road Auburn, Washington	**Site Plan**	Figure 1



Boeing/Auburn I X:\025\164035\Fig1_2.dwg (A) "Figure 2" 7/25/2005

Base map source: Geometrix 2003

N

0 400 800

Scale in Feet

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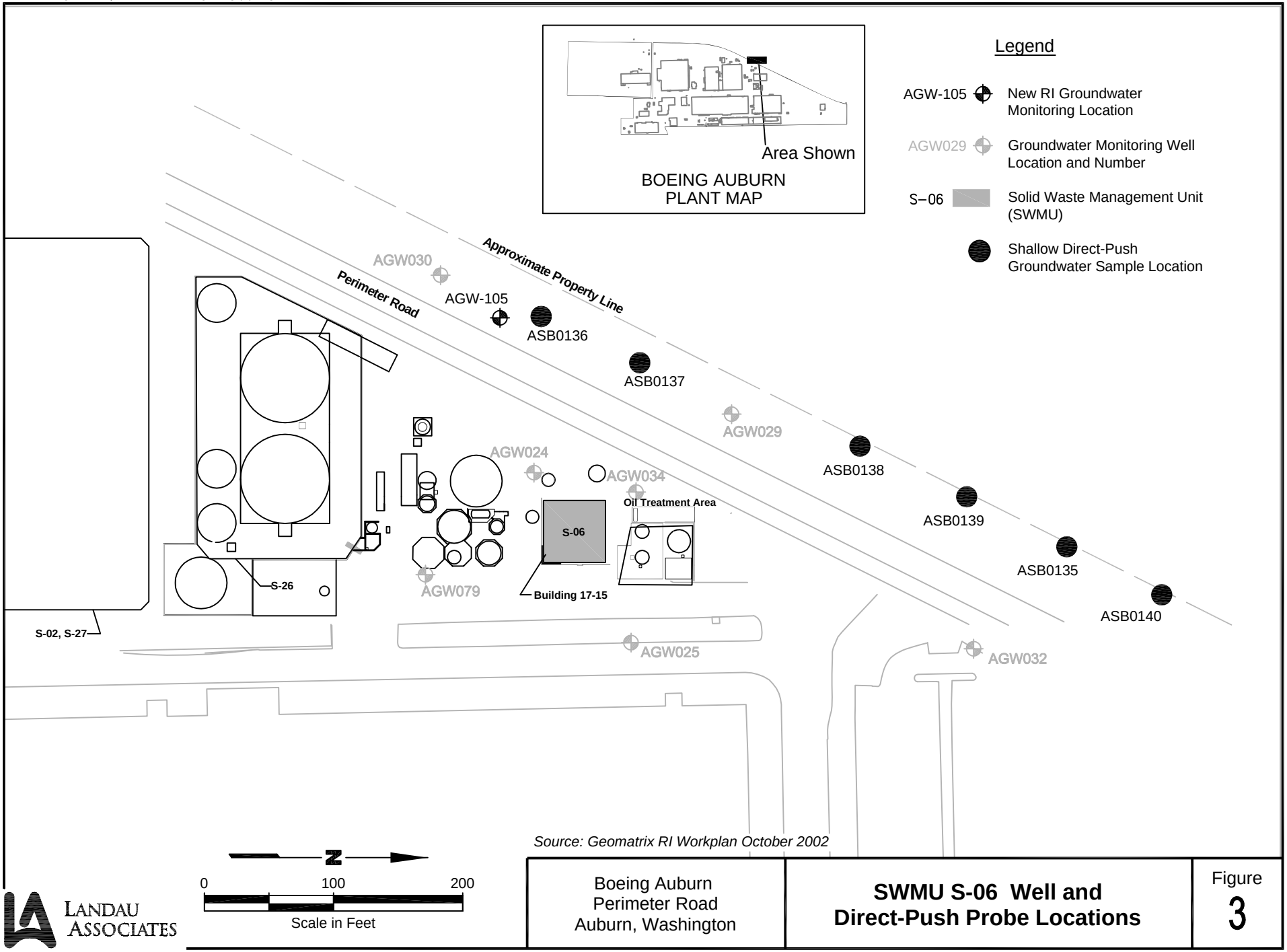
Boeing Auburn Perimeter Road Auburn, Washington	**Existing SWMUs and AOCs**	Figure **2**



Source: Geomatrix RI Workplan October 2002

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Boeing Auburn
Perimeter Road
Auburn, Washington

SWMU S-06 Well and Direct-Push Probe Locations

Figure 3

TABLE 1
WELLS AND ANALYTES IN GROUNDWATER MONITORING PLAN

		Remedial Investigation Sampling		Interim Sampling (Post RI)	
Building	**Well**	**Analytical Schedule**	**Sampling Frequency**	**Analytical Schedule**	**Sampling Frequency**
17-15 (WWPTP)	AGW024	None	None	None	None
17-15 (WWPTP)	AGW025	VOCs, SVOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV.	Semi-Annual	VOCs	Semi-Annual
17-15 (WWPTP)	AGW029	VOCs, SVOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV.	Semi-Annual	VOCs	Semi-Annual
17-15 (WWPTP)	AGW030	VOCs, SVOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV.	Semi-Annual	VOCs	Semi-Annual
17-15 (WWPTP)	AGW031	VOCs, SVOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV.	Semi-Annual	None	None
17-15 (WWPTP)	AGW032	VOCs, SVOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV., MNA	Semi-Annual	VOCs	Semi-Annual
17-15 (WWPTP)	AGW033	VOCs, SVOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV., MNA	Semi-Annual	VOCs	Semi-Annual
17-15 (WWPTP)	AGW034	VOCs, SVOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV. (4)	Semi-Annual	VOCs	Semi-Annual
17-15 (WWPTP)	AGW035	VOCs, SVOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV., MNA (4)	Semi-Annual	None	None
17-05	AGW064	VOCs, SVOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV.	Semi-Annual	VOCs	Semi-Annual
17-05	AGW065	VOCs, SVOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV.	Quarterly	VOCs	Semi-Annual
17-45	AGW080	VOCs, SVOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV.	Semi-Annual	None	None
17-45	AGW081	VOCs, SVOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV.	Semi-Annual	VOCs	Semi-Annual
17-45	AGW082	VOCs, SVOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV.	Semi-Annual	None	None
17-45	AGW083	VOCs, SVOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV.	Semi-Annual	None	None
17-05	AGW095(I)	VOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV, MNA	Quarterly	None	None
17-05	AGW098(D)	VOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV, MNA	Quarterly	None	None
17-15	AGW105(I)	VOCs, SVOCs, NWTPH-D EXT, TAL METALS, Cr VI, CONV.	Semi-Annual	VOCs	Semi-Annual

Notes:

BTEX - benzene, toluene, ethylbenzene, xylenes

CONV - conventionals (alkalinity, ammonia, Cl, NO3, NO3+NO2, sulfide, sulfate, sulfite, TOC, total solids, TSS, TDS)

Cr VI - chromium (VI)

MEK - methyl ethyl ketone

TABLE 1
WELLS AND ANALYTES IN GROUNDWATER MONITORING PLAN

MNA - nitrate, FE(III), Mn(IV), chloride, sulfide, sulfate

WWPTP - wastewater pre-treatment plant

SVOCs - semi volatile organic compounds

TAL metals - Total and Dissolved Target Analyte List metals (Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn,

TPH - total petroleum hydrocarbons

VOCs - volatile organic compounds

NWTPH-D EXT - WA method for TPH for semi-volatile petroleum products

NWTPH-G - WA method for TPH for gasoline range components

Please refer to Boeing Auburn Site-Wide QAPP (Appendix B to this work plan) for specific analytical methods.

TABLE 2
SUMMARY OF DETECTIONS ABOVE MTCA METHOD B CLEANUP LEVELS AT PERIMETER ROAD MONITORING WELLS

Location	Analyte	MTCA METHOD B SCREENING LEVEL	UNITS	TOTAL NUMBER OF SAMPLES ANALYZED	NUMBER OF SAMPLES GREATER THAN SCREENING LEVEL	DATE OF MOST RECENT EXCEEDANCE	MAXIMUM DETECTED VALUE
AGW024	Iron	0.3	mg/L	1	1	12/11/1995	12.5
AGW024	Manganese	0.05	mg/L	1	1	12/11/1995	0.47
AGW024	Vinyl Chloride	0.292	ug/L	17	17	3/9/2000	29
AGW029	Iron	0.3	mg/L	26	26	12/1/2004	18.4
AGW029	Manganese	0.05	mg/L	26	26	12/1/2004	0.712
AGW029	Thallium	0.0005	mg/L	1	1	11/7/2000	0.001
AGW029	Vinyl Chloride	0.292	ug/L	5	2	12/1/2004	0.5
AGW030	bis(2-Ethylhexyl)phthalate	6	ug/L	2	1	5/21/2003	15
AGW030	Iron	0.3	mg/L	26	26	12/1/2004	20.3
AGW030	Manganese	0.05	mg/L	26	26	12/1/2004	0.381
AGW030	Methylene Chloride	5	ug/L	1	1	11/24/1992	7.7
AGW030	Thallium	0.0005	mg/L	1	1	11/25/2002	0.001
AGW030	Vanadium	0.112	mg/L	26	2	11/7/2000	0.139
AGW030	Vinyl Chloride	0.292	ug/L	2	1	11/2/2001	0.4
AGW031	Iron	0.3	mg/L	23	14	12/2/2004	35.7
AGW031	Manganese	0.05	mg/L	28	25	12/2/2004	6.2
AGW031	Thallium	0.0005	mg/L	1	1	12/17/2003	0.001
AGW031	Trichloroethene	5	ug/L	22	11	3/14/2000	10.97
AGW032	Iron	0.3	mg/L	27	27	12/7/2004	114
AGW032	Manganese	0.05	mg/L	27	27	12/7/2004	5.52
AGW032	Thallium	0.0005	mg/L	3	3	5/21/2003	0.001
AGW032	Vinyl Chloride	0.292	ug/L	21	19	5/24/2005	5.2
AGW033	bis(2-Ethylhexyl)phthalate	6	ug/L	5	1	8/30/1999	8
AGW033	Iron	0.3	mg/L	28	28	12/1/2004	18.7
AGW033	Manganese	0.05	mg/L	28	28	12/1/2004	1.01
AGW033	Trichloroethene	5	ug/L	21	3	3/19/1998	8.7
AGW033	Vinyl Chloride	0.292	ug/L	15	15	5/24/2005	1.6
AGW034(D)	bis(2-Ethylhexyl)phthalate	6	ug/L	1	1	9/2/1998	48
AGW034(D)	Iron	0.3	mg/L	7	6	12/7/2004	1.11
AGW034(D)	Manganese	0.05	mg/L	8	2	6/8/2004	0.093
AGW035(D)	1,1,2,2-Tetrachloroethane	0.219	ug/L	1	1	12/12/1995	5.4
AGW035(D)	Trichloroethene	5	ug/L	20	3	3/19/1998	5.7
AGW064	Iron	0.3	mg/L	28	14	12/2/2004	2.62
AGW064	Manganese	0.05	mg/L	28	28	12/2/2004	0.455
AGW065	Iron	0.3	mg/L	32	32	12/2/2004	47.3
AGW065	Manganese	0.05	mg/L	32	32	12/2/2004	0.667
AGW080	Iron	0.3	mg/L	26	24	11/30/2004	75.1
AGW080	Manganese	0.05	mg/L	26	26	11/30/2004	0.455
AGW080	Thallium	0.0005	mg/L	1	1	8/30/1999	0.001
AGW081	Chromium	0.1	mg/L	14	2	3/23/1998	0.178
AGW081	Iron	0.3	mg/L	27	23	11/30/2004	174
AGW081	Manganese	0.05	mg/L	27	27	11/30/2004	1.99
AGW081	Nickel	0.1	mg/L	6	1	3/23/1998	0.14
AGW081	Thallium	0.0005	mg/L	2	2	8/30/1999	0.002
AGW081	Vanadium	0.112	mg/L	20	3	5/16/2001	0.522
AGW082	Iron	0.3	mg/L	19	13	11/30/2004	71.2
AGW082	Manganese	0.05	mg/L	27	18	11/30/2004	0.602
AGW082	Thallium	0.0005	mg/L	4	4	11/22/2002	0.002
AGW082	Vanadium	0.112	mg/L	13	6	5/21/2003	0.239

TABLE 2
SUMMARY OF DETECTIONS ABOVE MTCA METHOD B CLEANUP LEVELS AT PERIMETER ROAD MONITORING WELLS

Location	Analyte	MTCA METHOD B SCREENING LEVEL	UNITS	TOTAL NUMBER OF SAMPLES ANALYZED	NUMBER OF SAMPLES GREATER THAN SCREENING LEVEL	DATE OF MOST RECENT EXCEEDANCE	MAXIMUM DETECTED VALUE
AGW083	bis(2-Ethylhexyl)phthalate	6	ug/L	4	1	5/16/2001	140
AGW083	Hexavalent Chrome	0.048	mg/L	3	1	9/11/1997	0.17
AGW083	Iron	0.3	mg/L	27	25	11/30/2004	159
AGW083	Manganese	0.05	mg/L	27	27	11/30/2004	1.44
AGW083	Thallium	0.0005	mg/L	4	4	11/22/2002	0.002
AGW083	Vanadium	0.112	mg/L	16	3	11/22/2002	0.254
AGW095(I)	Iron	0.3	mg/L	5	5	12/2/2004	7.93
AGW095(I)	Manganese	0.05	mg/L	10	10	12/2/2004	1.23
AGW098(D)	bis(2-Ethylhexyl)phthalate	6	ug/L	1	1	8/17/2004	470
AGW098(D)	Iron	0.3	mg/L	4	1	12/17/2003	0.44
AGW105(I)	Iron	0.3	mg/L	4	4	12/1/2004	4.33
AGW105(I)	Manganese	0.05	mg/L	4	4	12/1/2004	0.139
AGW105(I)	Vinyl Chloride	0.292	ug/L	4	4	5/24/2005	1.8

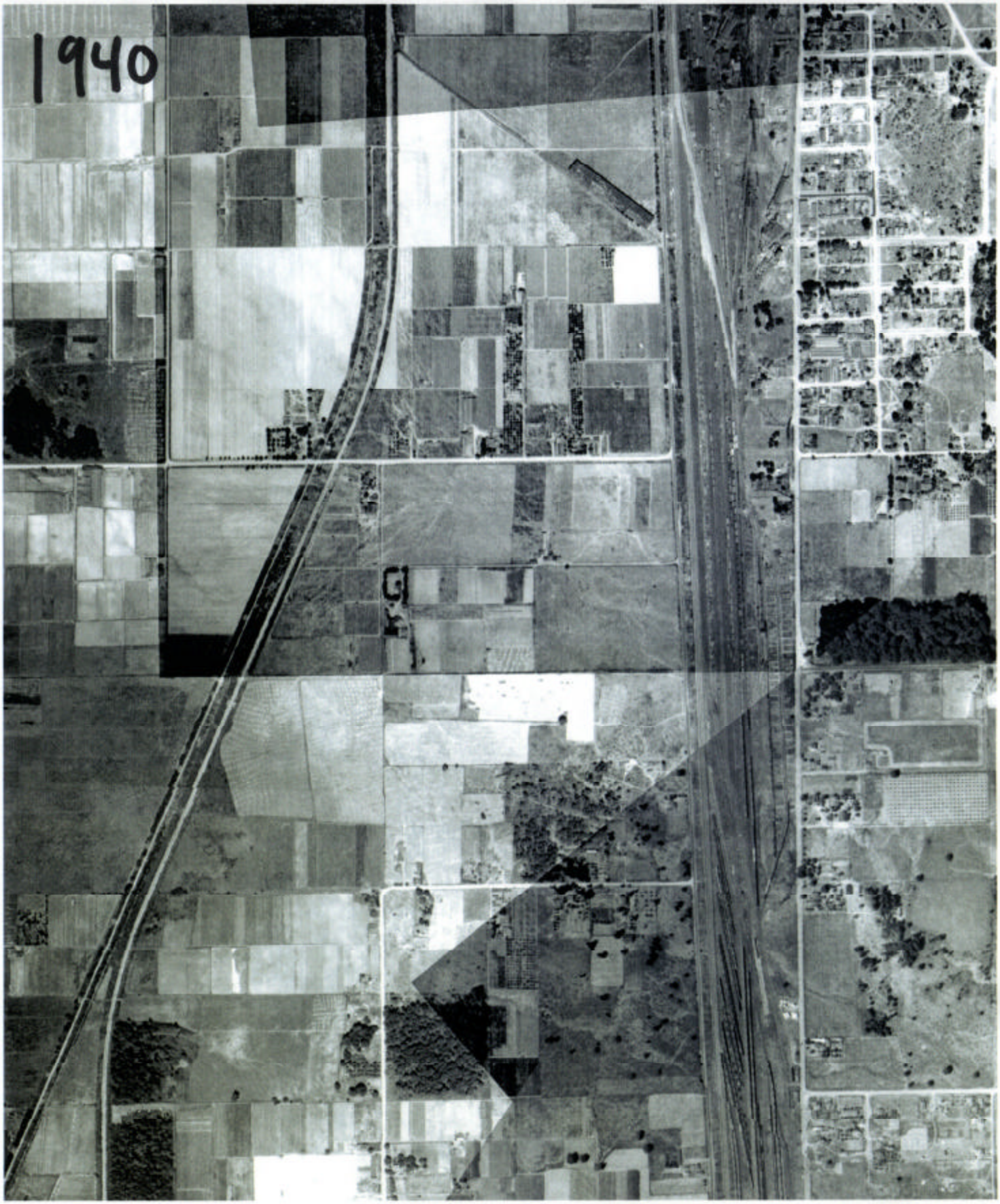
TABLE 3
ANALYTICAL RESULTS FROM DIRECT-PUSH PROBES
NEAR SWMU S-06

Probe ID and Sample Depth (ft)	ASB-0135-13	ASB-0136-15	ASB-0137-13	ASB-0138-12	ASB-0139-13	Dup of ASB-0139-13 ASB-0939-13	ASB-0140-11
Date	3/22/2004	3/22/2004	3/22/2004	3/22/2004	3/22/2004	3/22/2004	3/22/2004
VOLATILES (µg/L)							
Method 8260B							
Chloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromomethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Acetone	1.0 U	1.7 M	1.5 M	3.0	1.0 U	1.1 M	1.5 M
Carbon Disulfide	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	1.0 U	1.0	1.0 U	1.1	1.0 U	1.0	1.0 U
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chloroethylvinylether	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Methyl-2-Pentanone (MIBK)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
o-Xylene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOLATILES (µg/L)							
8260SIM							
Vinyl Chloride	0.020 U	**0.083**	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
1,1-Dichloroethene	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
FIELD PARAMETERS							
pH (Field)	5.81	6.46	6.51	4.94	5.24	---	4.81
Temperature (deg C)	11.4	14.4	16.6	13.6	14	---	10.4
Conducitivity (uS)	77	349	313	223	222	---	49
Dissolved Oxygen (mg/L)	4.70	0	10.78	0	0	---	1.15
Turbidity (NTU)	0	420	35	10	8	---	0

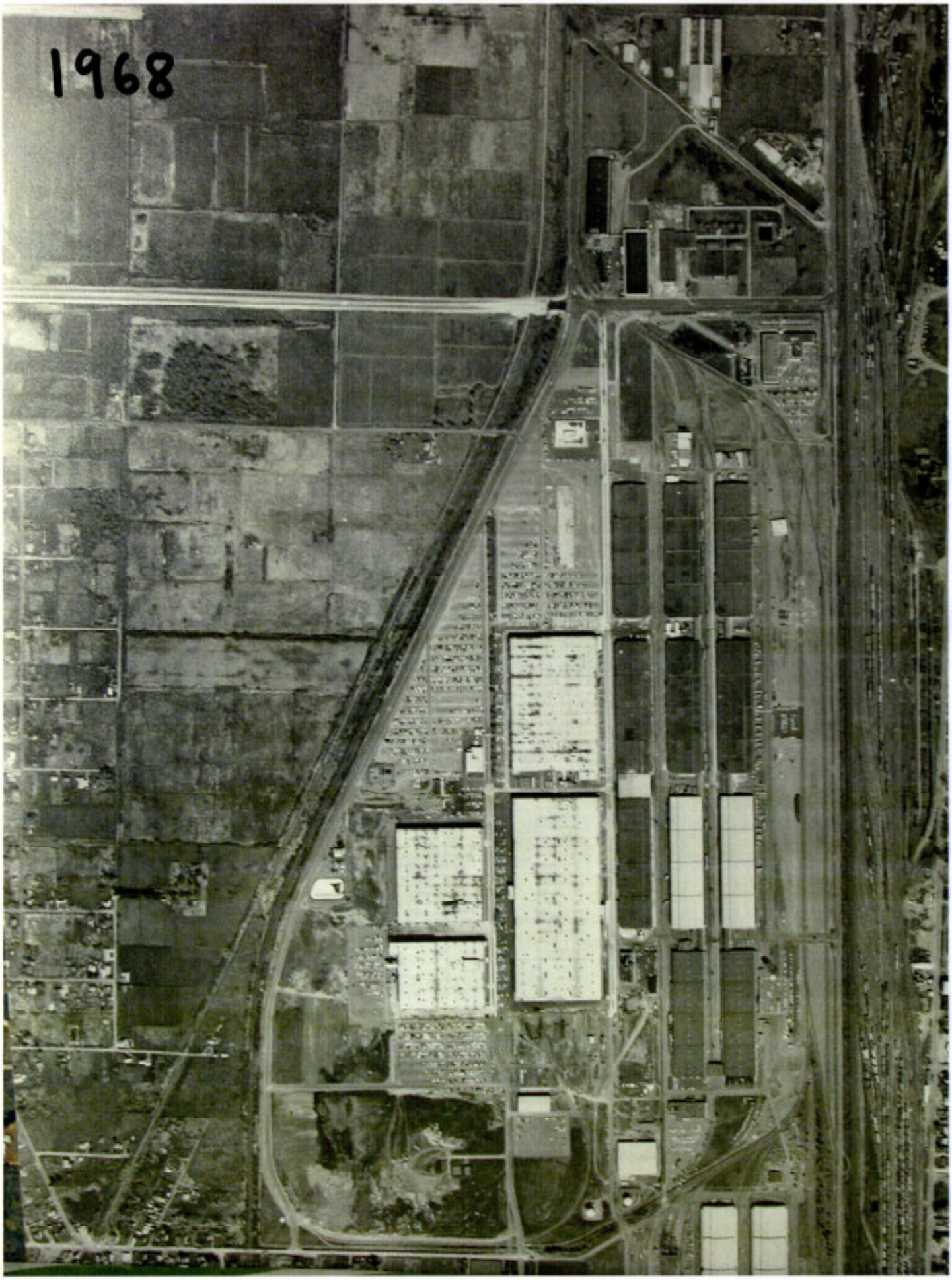
U = Indicates compound was analyzed for, but was not detected at the reported sample detection limit.
M = Indicates an estimated value of analyte found and confirmed by analyst but with low spectral match.
--- = Not analyzed

APPENDIX A

Select Aerial Photographs


1940

1960


1968

APPENDIX B

RFA Summary of SWMU and AOC Release Potential

(Source Tetra Tech 1998.)

SWMU AND AOC RELEASE POTENTIAL RATIONALE
BOEING AUBURN FABRICATION DIVISION
EPA ID: WAD041337130

		Data Sheet	02
Unit Number	SWMU S-02	**Unit Name**	Regulated Waste Material Staging Area
Building Number	17-32 and 17-33	**Building Name**	Drum Yard/Hazardous Waste and Small Quantity Staging Area
Map Number	1	**Map Coordinates**	K-3
Date of Inspection	September 24, 1997	**Photo Number(s)**	2, 3, 4
References	The Boeing Company (Boeing) 1997c, 1997f		
Unit Description	Dates of operation: 1991 to present. Active. The staging area encompasses two buildings. They are adjacent to one another and are both used to stage drummed hazardous waste generated facility-wide at Boeing Auburn. The two buildings have been in use since 1991, and major improvements were completed in 1994. Building 17-32 consists of a truck staging area, office area, a solvent still, aerosol can compactor, and 10 bays to hold drums of waste separated by type. Building 17-33 has seven bays. The wastes are categorized into groups such as flammables, caustics, or oxidizers. Each waste type is staged in its designated bay. Each bay has a blind grated sump to catch any spills, is paved with concrete, and is covered with a roof. The overall capacity (in units of 55-gal drums) is 448 for Building 17-32 and 192 for Building 17-33. The adjacent yard has also been used to stage up to four 20- by 20-sq yd roll-off boxes and ten 250-gal-bag totes.		
Release Potential/ Rationale	The staging area is relatively new and has good release controls and written management practices.		

Media	Release Potential
Soil	Low
Groundwater	Low
Surface Water	Low
Air	Low

SWMU AND AOC RELEASE POTENTIAL RATIONALE
BOEING AUBURN FABRICATION DIVISION
EPA ID: WAD041337130

		Data Sheet	06
Unit Number	SWMU S-06	**Unit Name**	Rinsewater Treatment Plant and Process Sewers
Building Number	17-15	**Building Name**	Rinsewater Treatment Plant
Map Number	1	**Map Coordinates**	L-3
Date of Inspection	September 24-25, 1997	**Photo Number(s)**	10 - 17

References

The Boeing Company (Boeing) 1994a, 1997b, 1997c; Kennedy/Jenks Consultants 1991, 1993a, 1994a, 1997b; King County Department of Metropolitan Services 1995

Unit Description

Dates of operation: 1969 to present. Active.

The rinsewater treatment plant (RTP) receives wastewater from metal plating, finishing, and cutting operations. The two major waste streams include wastewater containing (1) cutting oils and cooling fluids and (2) cyanide and heavy metals (including chromium). These waste streams are both generated within the Auburn plant and brought to the RTP from off-site Boeing facilities. The RTP has four main unit processes: (1) oil/water separation with ultra filtration, (2) cyanide oxidation (using sodium hypochloride), (3) chrome reduction, and (4) metal precipitation. The RTP is permitted to discharge up to 2 million gal/day to the Metro sanitary sewer. Appendix A-1 diagrams RTP operations.

Process sewers that convey hazardous waste are located throughout the facility. These enter the RTP at five separate locations. The oil surge tank receives effluent from Buildings 17-04, -06, -07, -10, -11, -12, -29/34, -35, -45, -58, and -66. The cyanide surge tank receives effluent from Building 17-07. Influent from Buildings 17-05, -06, -07, 0-8, -32/33, -45, -52, -62, and -68 is routed to the acid surge tank and two equalization basins. The alkaline surge tank receives effluent from Buildings 17-06, -07, -32/33, -45, -62 and -68.

Release Potential/ Rationale

The volume of waste handled by the RTP is very large. Trucks and tank cars filled with waste also arrive from on- and off-site Boeing facilities. Although the RTP area is self contained, there is a potential for a spill to reach soil and groundwater. Numerous underground process sewers carry liquid hazardous wastes to the RTP. The process sewers have no leak detection systems. The fact that Boeing intends to replace the underground piping with aboveground piping indicates concern about ongoing releases.

Media	Release Potential
Soil	High
Groundwater	High
Surface Water	Low
Air	Low

SWMU AND AOC RELEASE POTENTIAL RATIONALE
BOEING AUBURN FABRICATION DIVISION
EPA ID: WAD041337130

		Data Sheet	07
Unit Number	SWMU S-07	**Unit Name**	Government Canal and Storm Water Treatment Facility
Building Number	NA	**Building Name**	NA
Map Number	1	**Map Coordinates**	H-2
Date of Inspection	September 25, 1997	**Photo Number(s)**	18, 19

References

The Boeing Company (Boeing) 1997c, 1997f; Charlton & Leach, Inc. 1995; GeoEngineers, Inc. 1992c, 1995; Tetra Tech, Inc. 1992

Unit Description

Dates of operation: 1966 to present. Active.
The Government Canal is a 1.75-mi long, unlined, conveyance channel that was constructed in 1942 by the U.S. Army Corps of Engineers. The canal is about 15 to 20 ft wide at the top and varies from 4 to 10 ft below the surface of the surrounding ground. The canal's original purpose was to convey stormwater from the U.S. Government General Services Administration (GSA) facility to the White River. Boeing purchased the southern portion of the GSA site in the mid-1960s and gained control over the canal and the easements along each side of the canal for maintenance. A 0.75-mi-long tributary storm water channel enters the government canal south of Ellingson Road. This tributary begins near the southern most corner of the Boeing plant. Between 1966 and 1987, Boeing discharged treated water from its rinsewater treatment plant to the canal under a National Pollutants Discharge Elimination System permit. Effluent from the treatment plant was diverted to Metro's Renton treatment plant in 1987. The canal is active and currently receives storm water runoff from the Boeing Auburn facility and from properties located in the cities of Algona and Pacific. Sediments from portions of the canal have been periodically dredged by Boeing and placed in areas adjacent to the canal.
The storm water treatment facility (STF) was constructed in 1992 to treat storm water before it is discharged into the canal. The facility consists of two concrete, rectangular settling basins that are operated in series. During the visual site inspection, the first basin had a large algal bloom, and the second basin was covered in macrophytes, predominantly emergent. This second basin discharges to the Government Canal.

Release Potential/ Rationale

Current practices do not seem to be impacting the Government Canal or the White River. Treatment units appear to be effectively settling out and containing sediments.

Media	Release Potential
Soil	Moderate
Groundwater	Moderate
Surface Water	Low
Air	Low

SWMU AND AOC RELEASE POTENTIAL RATIONALE
BOEING AUBURN FABRICATION DIVISION
EPA ID: WAD041337130

		Data Sheet	31
Unit Number	SWMU S-26	**Unit Name**	Former North Lagoon
Building Number	NA	**Building Name**	NA
Map Number	1	**Map Coordinates**	K-3
Date of Inspection	September 24, 1997	**Photo Number(s)**	None taken

References The Boeing Company 1986b, 1987, 1997c; Dames & Moore 1985, 1986, 1988b

Unit Description Dates of operation: 1966 to 1985. Taken out of service.
The north lagoon, a former wastewater surface impoundment, was located south of the rinsewater treatment plant and north of the former south lagoon (SWMU S-27). The north lagoon was trapezoidal in shape, approximately 100 ft by 180 ft, and 8 ft deep with 4 ft below grade. The lagoon had a capacity of 494,000 gal. The location for both the north and south lagoons is the current location of the regulated waste material staging area.

Release Potential/ Rationale The north lagoon was taken out of service in 1985. Clean closure was accepted by the Washington Department of Ecology in 1987. There is no documentation that any releases of hazardous materials have occurred from this unit. Monitoring wells installed near the former lagoon did not indicate groundwater contamination, and extensive sampling of the excavated lagoon and surrounding area indicated no contamination of subliner soils. The lagoon area has been backfilled and resurfaced.

Media	Release Potential
Soil	Low
Groundwater	Low
Surface Water	Low
Air	Low

SWMU AND AOC RELEASE POTENTIAL RATIONALE
BOEING AUBURN FABRICATION DIVISION
EPA ID: WAD041337130

		Data Sheet	32
Unit Number	SWMU S-27	**Unit Name**	Former South Lagoon
Building Number	NA	**Building Name**	NA
Map Number	1	**Map Coordinates**	K-3
Date of Inspection	September 24, 1997	**Photo Number(s)**	None taken

References The Boeing Company 1997c; Dames & Moore 1985, 1986, 1988b, 1988c

Unit Description

Dates of operation: 1981 to 1988. Taken out of service.
The south lagoon, a former wastewater surface impoundment, was located south of both the rinsewater treatment plant and the former north lagoon (SWMU S-26). The south lagoon was approximately 225 ft by 125 ft and 8 ft deep with 4 ft below grade. The lagoon had a capacity of 520,000 gal. The former location for both the north and south lagoons is the current location of the regulated waste material staging area.

Release Potential/ Rationale

The south lagoon was taken out of service in 1988. Clean closure was accepted by the Washington Department of Ecology in 1989. There is no documentation that any releases of hazardous materials have occurred from this unit. Monitoring wells installed near the lagoon did not indicate groundwater contamination, and contamination was not detected in soil below the bottom liner. Residual contaminated materials were removed from the site and disposed of properly when the south lagoon was closed. No evidence that lagoon operations affected surrounding soils remains at the site. The lagoon area has been backfilled and resurfaced.

Media	Release Potential
Soil	Low
Groundwater	Low
Surface Water	Low
Air	Low

SWMU AND AOC RELEASE POTENTIAL RATIONALE
BOEING AUBURN FABRICATION DIVISION
EPA ID: WAD041337130

		Data Sheet	34
Unit Number	SWMU S-29	**Unit Name**	Former Landfill
Building Number	NA	**Building Name**	NA
Map Number	1	**Map Coordinates**	K-3
Date of Inspection	Not observed	**Photo Number(s)**	None taken

References The Boeing Company (Boeing) 1997c, 1997f; Dames & Moore 1985, 1987

Unit Description Dates of operation: Unknown. Inactive.
The former landfill was located south of the existing rinsewater treatment facility, probably near the regulated waste material staging area (SWMU S-02). The exact location of the former landfill is not known. According to Gordon Mueller, a long-time Boeing employee who works for the Facilities Department at the Boeing Auburn Fabrication Division, the landfill area was used for disposal and burning of construction material waste from buildings 17-05 and 17-06 during initial construction of the Boeing Auburn Facility in 1965. There is no documentation recording prior usage of this area, and the exact dates of operation are unknown.

Release Potential/ Rationale Little is known about this unit. It is believed that the landfill area was used for disposal and burning of construction material waste from Building 17-05 and 17-06 during initial construction of the Boeing Auburn Facility in 1965. According to analytical results, the waste material was determined to be non-hazardous. It is not known whether the material has been removed or remains in-place. Because little is known about the disposition of the waste material presumably stored at this unit, the waste could potentially contaminate the surrounding media (soil and groundwater).

Media	Release Potential
Soil	Moderate
Groundwater	Moderate
Surface Water	Low
Air	Low

APPENDIX C

Perimeter Road Groundwater Quality Well Data 2005

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW024	AGW029	AGW029	AGW029	AGW029	AGW029	AGW029
	AGW024-000309	AGW029-000314	AGW029-001107	AGW029-010516	AGW029-011102	AGW029-020520	AGW029-021125
Lab Sample ID:	BJ74E	BK07F	CK52H	DC91F	DU11F	EJ74F	FA10B
Sampling Date:	3/9/2000	3/14/2000	11/7/2000	5/16/2001	11/2/2001	5/20/2002	11/25/2002
CONVENTIONAL CHEMISTRY PARAMETERS							
(mg/L Unless Otherwise Noted)							
Alkalinity (CaCO3)	NA	NA	NA	NA	NA	NA	NA
Chloride	NA	NA	NA	NA	NA	NA	NA
N-Ammonia	NA	NA	NA	NA	NA	NA	NA
Nitrate + Nitrite (NO3+NO2)	NA	NA	NA	NA	NA	NA	NA
N-Nitrate	NA	NA	NA	NA	NA	NA	NA
N-Nitrite	NA	NA	NA	NA	NA	NA	NA
Sulfate	NA	NA	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA	NA	NA	NA
Sulfite	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA	NA
TOTAL METALS							
EPA Method 6000/7000 Series (mg/L)							
Aluminum	NA	0.41	1.15	4.7	1.43	0.54	2.97
Antimony	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	NA	0.006	0.001	0.001	0.001 U	0.001 U	0.001
Barium	NA	0.03	0.031	0.045	0.037	0.033	0.04
Beryllium	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	NA	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	NA	21.1	19.7	21.8	24.1	23.8	22.5
Chromium	NA	0.005 U	0.006	0.007	0.008	0.005 U	0.008 J
Cobalt	NA	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Copper	NA	0.003	0.002 U	0.011	0.004	0.002 U	0.004
Iron	NA	18.4	13.1	15.5 J	16.6	16.3	16.7
Lead	NA	0.001 U	0.001 U	0.001	0.001 U	0.001 U	0.002
Magnesium	NA	5.79	5.37	6.1	6.75	6.77	6.26
Manganese	NA	0.481	0.478	0.519	0.65	0.604	0.563
Mercury	NA	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	NA	5.1	5.4	5.1	5.56	5.4	5.6
Selenium	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	NA	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	NA	61.3	57.8	47.2	64	48.4	55.9
Thallium	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	NA	0.017	0.028	0.029	0.034	0.014	0.034
Zinc	NA	0.029	0.006	0.013	0.007	0.006 U	0.009 J

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW024	AGW029	AGW029	AGW029	AGW029	AGW029	AGW029
	AGW024-000309	AGW029-000314	AGW029-001107	AGW029-010516	AGW029-011102	AGW029-020520	AGW029-021125
Lab Sample ID:	BJ74E	BK07F	CK52H	DC91F	DU11F	EJ74F	FA10B
Sampling Date:	3/9/2000	3/14/2000	11/7/2000	5/16/2001	11/2/2001	5/20/2002	11/25/2002
DISSOLVED METALS							
EPA Method 6000/7000 Series (mg/L)							
Aluminum	NA	0.04	0.1	0.05	0.09	0.05	0.07
Antimony	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	NA	0.004	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Barium	NA	0.026	0.026	0.029	0.031	0.032	0.03
Beryllium	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	NA	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	NA	21.8	20.8	24	23.5	27.3	22.7
Chromium	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.006
Cobalt	NA	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Copper	NA	0.002 U	0.002 U	0.004	0.002 U	0.002 U	0.002 U
Hexavalent Chrome	NA	0.01 U	0.06 U	0.01 J	UR	0.01 J	0.01 U
Iron	NA	14	12.4	14.3	15	17.1	15.3
Lead	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.002	0.001 U
Magnesium	NA	5.98	5.53	6.54	6.35	7.37	6.39
Manganese	NA	0.493	0.511	0.584	0.627	0.695	0.595
Mercury	NA	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	NA	5.1	5.2	5.5	5.42	5.4	5.6
Selenium	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	NA	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	NA	63.3	58.1	55	62.3	50	59.9
Thallium	NA	0.001 U	0.001	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	NA	0.014	0.027	0.015	0.028	0.015	0.024
Zinc	NA	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.007
POLYCHLORINATED BIPHENYLS (PCBs)							
EPA Method 8081 (ug/L)							
Aroclor 1016	NA	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1221	NA	2 U	2 U	2 U	2 U	2 U	2 U
Aroclor 1232	NA	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1242	NA	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1248	NA	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1254	NA	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1260	NA	1 U	1 U	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW024	AGW029	AGW029	AGW029	AGW029	AGW029	AGW029
	AGW024-000309	AGW029-000314	AGW029-001107	AGW029-010516	AGW029-011102	AGW029-020520	AGW029-021125
Lab Sample ID:	BJ74E	BK07F	CK52H	DC91F	DU11F	EJ74F	FA10B
Sampling Date:	3/9/2000	3/14/2000	11/7/2000	5/16/2001	11/2/2001	5/20/2002	11/25/2002
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)							
EPA Method 8270 (ug/L)							
1,2,4-Trichlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	NA	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	NA	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	NA	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	NA	3 U	3 U	3 U	3 U	3 U	3 U
2,4-Dimethylphenol	NA	3 U	3 U	3 U	3 U	3 U	3 U
2,4-Dinitrophenol	NA	10 U	10 U	10 U	25 U	25 U	25 U
2,4-Dinitrotoluene	NA	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	NA	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	NA	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	NA	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	NA	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylphenol	NA	2 U	2 U	1 U	1 U	1 U	1 U
2-Nitroaniline	NA	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	NA	5 U	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	NA	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	NA	6 U	6 U	6 U	6 U	6 U	6 U
4,6-Dinitro-2-methylphenol	NA	10 U	10 U	10 U	15 U	15 U	15 U
4-Bromophenyl-phenylether	NA	1 U	1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	NA	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	NA	3 U	3 U	3 U	3 U	3 U	3 U
4-Chlorophenyl-phenylether	NA	1 U	1 U	1 U	1 U	1 U	1 U
4-Methylphenol	NA	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroaniline	NA	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitrophenol	NA	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Benzoic Acid	NA	10 U	10 U	10 U	50 U	50 U	50 U
Benzyl Alcohol	NA	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	NA	1 U	1 U	1 U	1 U	1 U	1 U
Bis-(2-Chloroethyl) ether	NA	2 U	2 U	2 U	2 U	2 U	2 U
bis(2-Ethylhexyl)phthalate	NA	1 U	1.4	1 U	4 U	4 U	4 U
Butylbenzylphthalate	NA	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	NA	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	NA	1 U	1 U	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW024	AGW029	AGW029	AGW029	AGW029	AGW029	AGW029
	AGW024-000309	AGW029-000314	AGW029-001107	AGW029-010516	AGW029-011102	AGW029-020520	AGW029-021125
Lab Sample ID:	BJ74E	BK07F	CK52H	DC91F	DU11F	EJ74F	FA10B
Sampling Date:	3/9/2000	3/14/2000	11/7/2000	5/16/2001	11/2/2001	5/20/2002	11/25/2002
Dibenzofuran	NA	1 U	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	NA	1 U	1 U	1 U	1 U	1 U	1 U
Dimethylphthalate	NA	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Butylphthalate	NA	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Octyl phthalate	NA	1 U	1 U	1 U	2 U	2 U	2 U
Fluoranthene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	NA	2 U	2 U	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	NA	5 U	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	NA	2 U	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-cd)pyrene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	NA	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Nitrobenzene	NA	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	NA	2 U	2 U	2 U	2 U	2 U	2 U
N-Nitrosodiphenylamine	NA	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	NA	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Phenol	NA	2 U	2 U	2 U	2 U	2 U	2 U
Pyrene	NA	1 U	1 U	1 U	1 U	1 U	1 U
PETROLEUM HYDROCARBONS							
NWTPH-Dx (mg/L)							
Diesel Range Hydrocarbons	NA	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Jet-A	NA	0.5 U	0.5 U	NA	NA	NA	NA
Motor Oil	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)							
EPA Method 8260B (ug/L)							
1,1,1-Trichloroethane	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	5 U	5 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethylvinylether	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5 U	5 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone (MIBK)	5 U	5 U	1 U	1 U	1 U	1 U	1 U
Acetone	5 U	5 U	1 U	1 U	1 U	1.7 U	3.4 J
Benzene	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	1 U	1 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U
Bromomethane	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW024	AGW029	AGW029	AGW029	AGW029	AGW029	AGW029
	AGW024-000309	AGW029-000314	AGW029-001107	AGW029-010516	AGW029-011102	AGW029-020520	AGW029-021125
Lab Sample ID:	BJ74E	BK07F	CK52H	DC91F	DU11F	EJ74F	FA10B
Sampling Date:	3/9/2000	3/14/2000	11/7/2000	5/16/2001	11/2/2001	5/20/2002	11/25/2002
Carbon Disulfide	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	1 U	1 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Methylene Chloride	2 U	2 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
o-Xylene	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	5 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	1.8	1 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW029 AGW029-030521	AGW029 AGW029-040602	AGW029 AGW029-041201	AGW030 AGW030-000314	AGW030 AGW030-001107	AGW030 AGW030-010516	AGW030 AGW030-011102
Lab Sample ID:	FM53F	GR48G	HK38C	BK07E	CK52G	DC91E	DU11E
Sampling Date:	5/21/2003	6/2/2004	12/1/2004	3/14/2000	11/7/2000	5/16/2001	11/2/2001
CONVENTIONAL CHEMISTRY PARAMETERS							
(mg/L Unless Otherwise Noted)							
Alkalinity (CaCO3)	NA	182	208	NA	NA	NA	NA
Chloride	NA	5 U	4	NA	NA	NA	NA
N-Ammonia	NA	2.74	2.85	NA	NA	NA	NA
Nitrate + Nitrite (NO3+NO2)	NA	0.011	0.05 U	NA	NA	NA	NA
N-Nitrate	NA	0.011	0.05 U	NA	NA	NA	NA
N-Nitrite	NA	0.01 U	0.05 U	NA	NA	NA	NA
Sulfate	NA	30	16.9	NA	NA	NA	NA
Sulfide	NA	0.05 U	0.15	NA	NA	NA	NA
Sulfite	NA	NA	1.5 U	NA	NA	NA	NA
Total Dissolved Solids	NA	284	300 J	NA	NA	NA	NA
Total Organic Carbon	NA	17.9	19.8	NA	NA	NA	NA
Total Suspended Solids	NA	6.7	17.1 J	NA	NA	NA	NA
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA	NA
TOTAL METALS							
EPA Method 6000/7000 Series (mg/L)							
Aluminum	0.22	0.29	NA	0.48	1.68	0.6	0.56
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001 U	0.001 U	0.002	0.002	0.001 U	0.002
Barium	0.029	0.026	0.03	0.012	0.042	0.008	0.032
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	22.9	22.9	NA	7.49	22	3.35	19.6
Chromium	0.005 U	0.005 U	0.005	0.005 U	0.02	0.005	0.015
Cobalt	0.003 U	0.003 U	NA	0.003 U	0.003 U	0.003 U	0.003 U
Copper	0.002 U	0.002 U	0.002 U	0.005	0.005	0.005	0.004
Iron	16.5	15.6	15.8	6.67	18.6	3.25 J	15.6
Lead	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium	6.59	6.04	NA	2.04	5.49	0.79	4.56
Manganese	0.621	0.594	0.653 J	0.113	0.343	0.051	0.36
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	5.1	5.6	NA	3.3	6.5	2.6	5.07
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	44.3	46.8	NA	51.2	152	55.1	164
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.017	0.017	0.028	0.035	0.139	0.037	0.099
Zinc	0.006 U	0.006	0.006 U	0.01	0.008	0.006 U	0.013

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW029 AGW029-030521	AGW029 AGW029-040602	AGW029 AGW029-041201	AGW030 AGW030-000314	AGW030 AGW030-001107	AGW030 AGW030-010516	AGW030 AGW030-011102
Lab Sample ID:	FM53F	GR48G	HK38C	BK07E	CK52G	DC91E	DU11E
Sampling Date:	5/21/2003	6/2/2004	12/1/2004	3/14/2000	11/7/2000	5/16/2001	11/2/2001
DISSOLVED METALS							
EPA Method 6000/7000 Series (mg/L)							
Aluminum	0.05 U	0.05 U	NA	0.17	0.46	0.14	0.33
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001 U	0.001 U	0.001	0.001	0.001 U	0.002 U
Barium	0.03	0.027	0.029	0.01	0.036	0.006	0.033
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	26.5	24.3	NA	7.43	22.4	3.28	20.6
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.014	0.005 U	0.013
Cobalt	0.003 U	0.003 U	NA	0.003 U	0.003 U	0.003 U	0.003 U
Copper	0.002 U	0.002 U	0.002 U	0.003	0.002	0.002	0.002 U
Hexavalent Chrome	UR	0.011 J	UR	0.02 U	0.11 U	0.01 UJ	UR
Iron	18.1	16.5	15.1	5.74	17	2.64	16
Lead	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U
Magnesium	7.5	6.85	NA	1.99	5.47	0.8	4.89
Manganese	0.712	0.661	0.662	0.114	0.351	0.051	0.381
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	5.2	5.3	NA	3.2	6.3	2.5	5.54
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	48.6	47.2	NA	51.8	153	58.8	175
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.017	0.016	0.025	0.032	0.136	0.032	0.097
Zinc	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
POLYCHLORINATED BIPHENYLS (PCBs)							
EPA Method 8081 (ug/L)							
Aroclor 1016	1 U	NA	NA	1 U	1 U	1 U	1 U
Aroclor 1221	2 U	NA	NA	2 U	2 U	2 U	2 U
Aroclor 1232	1 U	NA	NA	1 U	1 U	1 U	1 U
Aroclor 1242	1 U	NA	NA	1 U	1 U	1 U	1 U
Aroclor 1248	1 U	NA	NA	1 U	1 U	1 U	1 U
Aroclor 1254	1 U	NA	NA	1 U	1 U	1 U	1 U
Aroclor 1260	1 U	NA	NA	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW029	AGW029	AGW029	AGW030	AGW030	AGW030	AGW030
	AGW029-030521	AGW029-040602	AGW029-041201	AGW030-000314	AGW030-001107	AGW030-010516	AGW030-011102
Lab Sample ID:	FM53F	GR48G	HK38C	BK07E	CK52G	DC91E	DU11E
Sampling Date:	5/21/2003	6/2/2004	12/1/2004	3/14/2000	11/7/2000	5/16/2001	11/2/2001
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)							
EPA Method 8270 (ug/L)							
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	3 U	3 U	5 U	3 U	3 U	3 U	3 U
2,4-Dimethylphenol	3 U	3 U	1 U	3 U	3 U	3 U	3 U
2,4-Dinitrophenol	25 U	25 U	10 U	10 U	10 U	10 U	25 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylphenol	1 U	1 U	1 U	2 U	2 U	1 U	1 U
2-Nitroaniline	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	6 U	6 U	5 U	6 U	6 U	6 U	6 U
4,6-Dinitro-2-methylphenol	15 U	15 U	10 U	10 U	10 U	10 U	15 U
4-Bromophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	2 U	2 U	5 U	2 U	2 U	2 U	2 U
4-Chloroaniline	3 U	3 U	5 U	3 U	3 U	3 U	3 U
4-Chlorophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methylphenol	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroaniline	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitrophenol	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzoic Acid	50 U	10 U	10 U	10 U	10 U	10 U	50 U
Benzyl Alcohol	5 U	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bis-(2-Chloroethyl) ether	2 U	2 U	1 U	2 U	2 U	2 U	2 U
bis(2-Ethylhexyl)phthalate	1 U	1 U	1 U	1 U	1.3	1 U	4 U
Butylbenzylphthalate	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	1 U	1 U	1 U	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW029 AGW029-030521	AGW029 AGW029-040602	AGW029 AGW029-041201	AGW030 AGW030-000314	AGW030 AGW030-001107	AGW030 AGW030-010516	AGW030 AGW030-011102
Lab Sample ID:	FM53F	GR48G	HK38C	BK07E	CK52G	DC91E	DU11E
Sampling Date:	5/21/2003	6/2/2004	12/1/2004	3/14/2000	11/7/2000	5/16/2001	11/2/2001
Dibenzofuran	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethylphthalate	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Butylphthalate	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Octyl phthalate	1 U	1 U	1 U	1 U	1 U	1 U	2 U
Fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	2 U	2 U	1 U	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	2 U	2 U	1 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-cd)pyrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Nitrobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	2 U	2 U	5 U	2 U	2 U	2 U	2 U
N-Nitrosodiphenylamine	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Phenol	2 U	2 U	1 U	2 U	2 U	2 U	2 U
Pyrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
PETROLEUM HYDROCARBONS							
NWTPH-Dx (mg/L)							
Diesel Range Hydrocarbons	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Jet-A	NA	NA	NA	0.5 U	0.5 U	NA	NA
Motor Oil	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)							
EPA Method 8260B (ug/L)							
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.02 U	0.02 U	1 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
2-Butanone	1 U	1 U	1 U	5 U	1 U	1 U	1 U
2-Chloroethylvinylether	UR	0.5 U	UR	5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	1 U	1 U	1 U	5 U	1 U	1 U	1 U
4-Methyl-2-Pentanone (MIBK)	1 U	1 U	1 U	5 U	1 U	1 U	1 U
Acetone	2	1.1	1 U	5 U	2.3 U	1 U	1 U
Benzene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Bromoform	0.2 U	0.2 U	0.2 U	1 U	0.5 U	0.5 U	0.2 U
Bromomethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW029 AGW029-030521	AGW029 AGW029-040602	AGW029 AGW029-041201	AGW030 AGW030-000314	AGW030 AGW030-001107	AGW030 AGW030-010516	AGW030 AGW030-011102
Lab Sample ID:	FM53F	GR48G	HK38C	BK07E	CK52G	DC91E	DU11E
Sampling Date:	5/21/2003	6/2/2004	12/1/2004	3/14/2000	11/7/2000	5/16/2001	11/2/2001
Carbon Disulfide	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Chloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Chloroform	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.4 U	0.4 U	0.4 U	1 U	0.4 U	0.4 U	0.4 U
Methylene Chloride	0.3 U	0.3 U	0.3 U	2 U	0.3 U	0.3 U	0.3 U
o-Xylene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Styrene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Trichloroethene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	0.2 U	0.2 U	0.2 U	5 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	0.2 U	0.22	0.39	1 U	0.2 U	0.2 U	0.4

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW030	AGW030	AGW030	AGW030	AGW030	AGW030
	AGW030-020520	AGW030-021125	AGW030-030521	AGW030-040602	AGW030-041201	AGW030-050524
Lab Sample ID:	EJ74G	FA10A	FM53E	GR48E	HK38A	IC20G
Sampling Date:	5/20/2002	11/25/2002	5/21/2003	6/2/2004	12/1/2004	5/24/2005
CONVENTIONAL CHEMISTRY PARAMETERS						
(mg/L Unless Otherwise Noted)						
Alkalinity (CaCO3)	NA	NA	NA	180	156	NA
Chloride	NA	NA	NA	5 U	4.1	NA
N-Ammonia	NA	NA	NA	1.8	1.77	NA
Nitrate + Nitrite (NO3+NO2)	NA	NA	NA	0.01 U	0.05 U	NA
N-Nitrate	NA	NA	NA	0.01 U	0.05 U	NA
N-Nitrite	NA	NA	NA	0.011	0.05 U	NA
Sulfate	NA	NA	NA	29.1	12.7	NA
Sulfide	NA	NA	NA	0.05 U	0.05 U	NA
Sulfite	NA	NA	NA	NA	1.5 U	NA
Total Dissolved Solids	NA	NA	NA	286	272 J	NA
Total Organic Carbon	NA	NA	NA	21.1	20.1	NA
Total Suspended Solids	NA	NA	NA	3.8	59.3 J	NA
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA
TOTAL METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.68	0.49	0.66	0.42	NA	NA
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	NA
Arsenic	0.001	0.002	0.001 U	0.001	0.001 U	NA
Barium	0.016	0.026	0.011	0.012	0.012	NA
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	NA
Calcium	8.99	16.5	4.99	8.2	NA	NA
Chromium	0.007	0.011 J	0.007	0.007	0.006	NA
Cobalt	0.003 U	0.003 U	0.003 U	0.003 U	NA	NA
Copper	0.003	0.002 U	0.003	0.005	0.003	NA
Iron	8.15	14.7	5.54	7.91	5.78	NA
Lead	0.001	0.001	0.001 U	0.001 U	0.001 U	NA
Magnesium	2.46	4.31	1.34	2	NA	NA
Manganese	0.15	0.27	0.089	0.13	0.1 J	NA
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	NA
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA
Potassium	4.1	5.1	3.1	4.1	NA	NA
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	NA
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	NA
Sodium	72.9	101	70.2	73.3	NA	NA
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Vanadium	0.051	0.074	0.04	0.067	0.046	NA
Zinc	0.009	0.008 J	0.007	0.075	0.006 U	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW030 AGW030-020520	AGW030 AGW030-021125	AGW030 AGW030-030521	AGW030 AGW030-040602	AGW030 AGW030-041201	AGW030 AGW030-050524
Lab Sample ID:	EJ74G	FA10A	FM53E	GR48E	HK38A	IC20G
Sampling Date:	5/20/2002	11/25/2002	5/21/2003	6/2/2004	12/1/2004	5/24/2005
DISSOLVED METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.16	0.3	0.14	0.26	NA	NA
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	NA
Arsenic	0.001 U	0.001	0.001 U	0.001 U	0.001 U	NA
Barium	0.013	0.029	0.006	0.013	0.008	NA
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	NA
Calcium	9.4	19.9	4.98	8.51	NA	NA
Chromium	0.007	0.01	0.005 U	0.008	0.005 U	NA
Cobalt	0.003 U	0.003 U	0.003 U	0.003 U	NA	NA
Copper	0.002 U	0.002 U	0.002 U	0.002 U	NA	NA
Hexavalent Chrome	UR	0.01 U	UR	UR	0.002 U	NA
Iron	8.02	17.2	5.09	8.05	UR	NA
Lead	0.002	0.001	0.001 U	0.001 U	5.14	NA
Magnesium	2.48	5.28	1.32	2.29	0.001 U	NA
Manganese	0.157	0.333	0.09	0.146	NA	NA
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.104	NA
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.0001 U	NA
Potassium	3.9	6	2.8	3.6	0.01 U	NA
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	NA	NA
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.05 U	NA
Sodium	71.5	121	72.7	74	0.003 U	NA
Thallium	0.001 U	0.001	0.001 U	0.001 U	0.001 U	NA
Vanadium	0.046	0.079	0.038	0.063	0.043	NA
Zinc	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	NA
POLYCHLORINATED BIPHENYLS (PCBs)						
EPA Method 8081 (ug/L)						
Aroclor 1016	1 U	1 U	1 U	NA	NA	NA
Aroclor 1221	2 U	2 U	2 U	NA	NA	NA
Aroclor 1232	1 U	1 U	1 U	NA	NA	NA
Aroclor 1242	1 U	1 U	1 U	NA	NA	NA
Aroclor 1248	1 U	1 U	1 U	NA	NA	NA
Aroclor 1254	1 U	1 U	1 U	NA	NA	NA
Aroclor 1260	1 U	1 U	1 U	NA	NA	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW030 AGW030-020520	AGW030 AGW030-021125	AGW030 AGW030-030521	AGW030 AGW030-040602	AGW030 AGW030-041201	AGW030 AGW030-050524
Lab Sample ID:	EJ74G	FA10A	FM53E	GR48E	HK38A	IC20G
Sampling Date:	5/20/2002	11/25/2002	5/21/2003	6/2/2004	12/1/2004	5/24/2005
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)						
EPA Method 8270 (ug/L)						
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	NA
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	NA
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	NA
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	NA
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	1 U	1 U	1 U	NA
2,4,5-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	NA
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	NA
2,4-Dichlorophenol	3 U	3 U	3 U	3 U	5 U	NA
2,4-Dimethylphenol	3 U	3 U	3 U	3 U	1 U	NA
2,4-Dinitrophenol	25 U	25 U	25 U	25 U	10 U	NA
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	NA
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	NA
2-Chloronaphthalene	1 U	1 U	1 U	1 U	1 U	NA
2-Chlorophenol	1 U	1 U	1 U	1 U	1 U	NA
2-Methylnaphthalene	1 U	1 U	1 U	1 U	1 U	NA
2-Methylphenol	1 U	1 U	1 U	1 U	1 U	NA
2-Nitroaniline	5 U	5 U	5 U	5 U	5 U	NA
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U	NA
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U	NA
3-Nitroaniline	6 U	6 U	6 U	6 U	5 U	NA
4,6-Dinitro-2-methylphenol	15 U	15 U	15 U	15 U	10 U	NA
4-Bromophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	NA
4-Chloro-3-methylphenol	2 U	2 U	2 U	2 U	5 U	NA
4-Chloroaniline	3 U	3 U	3 U	3 U	5 U	NA
4-Chlorophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	NA
4-Methylphenol	1 U	1 U	1 U	1 U	1 U	NA
4-Nitroaniline	5 U	5 U	5 U	5 U	5 U	NA
4-Nitrophenol	5 U	5 U	5 U	5 U	5 U	NA
Acenaphthene	1 U	1 U	1 U	1 U	1 U	NA
Acenaphthylene	1 U	1 U	1 U	1 U	1 U	NA
Anthracene	1 U	1 U	1 U	1 U	1 U	NA
Benzo(a)anthracene	1 U	1 U	1 U	1 U	1 U	NA
Benzo(a)pyrene	1 U	1 U	1 U	1 U	1 U	NA
Benzo(b)fluoranthene	1 U	1 U	1 U	1 U	1 U	NA
Benzo(g,h,i)perylene	1 U	1 U	1 U	1 U	1 U	NA
Benzo(k)fluoranthene	1 U	1 U	1 U	1 U	1 U	NA
Benzoic Acid	50 U	50 U	50 U	10 U	10 U	NA
Benzyl Alcohol	5 U	5 U	5 U	5 U	5 U	NA
bis(2-Chloroethoxy) methane	1 U	1 U	1 U	1 U	1 U	NA
Bis-(2-Chloroethyl) ether	2 U	2 U	2 U	2 U	1 U	NA
bis(2-Ethylhexyl)phthalate	4 U	4 U	15	1 U	1 U	NA
Butylbenzylphthalate	1 U	1 U	2.3	1 U	1 U	NA
Carbazole	1 U	1 U	1 U	1 U	1 U	NA
Chrysene	1 U	1 U	1 U	1 U	1 U	NA
Dibenz(a,h)anthracene	1 U	1 U	1 U	1 U	1 U	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW030 AGW030-020520	AGW030 AGW030-021125	AGW030 AGW030-030521	AGW030 AGW030-040602	AGW030 AGW030-041201	AGW030 AGW030-050524
Lab Sample ID:	EJ74G	FA10A	FM53E	GR48E	HK38A	IC20G
Sampling Date:	5/20/2002	11/25/2002	5/21/2003	6/2/2004	12/1/2004	5/24/2005
Dibenzofuran	1 U	1 U	1 U	1 U	1 U	NA
Diethylphthalate	1 U	1 U	1 U	1 U	1 U	NA
Dimethylphthalate	1 U	1 U	1 U	1 U	1 U	NA
Di-n-Butylphthalate	1 U	1 U	1 U	1 U	1 U	NA
Di-n-Octyl phthalate	2 U	2 U	1.1	1 U	1 U	NA
Fluoranthene	1 U	1 U	1 U	1 U	1 U	NA
Fluorene	1 U	1 U	1 U	1 U	1 U	NA
Hexachlorobenzene	1 U	1 U	1 U	1 U	1 U	NA
Hexachlorobutadiene	2 U	2 U	2 U	2 U	1 U	NA
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U	NA
Hexachloroethane	2 U	2 U	2 U	2 U	1 U	NA
Indeno(1,2,3-cd)pyrene	1 U	1 U	1 U	1 U	1 U	NA
Isophorone	1 U	1 U	1 U	1 U	1 U	NA
Naphthalene	1 U	1 U	1 U	1 U	1 U	NA
Nitrobenzene	1 U	1 U	1 U	1 U	1 U	NA
N-Nitroso-Di-N-Propylamine	2 U	2 U	2 U	2 U	5 U	NA
N-Nitrosodiphenylamine	1 U	1 U	1 U	1 U	1 U	NA
Pentachlorophenol	5 U	5 U	5 U	5 U	5 U	NA
Phenanthrene	1 U	1 U	1 U	1 U	1 U	NA
Phenol	2 U	2 U	2 U	2 U	1 U	NA
Pyrene	1 U	1 U	1 U	1 U	1 U	NA
PETROLEUM HYDROCARBONS						
NWTPH-Dx (mg/L)						
Diesel Range Hydrocarbons	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	NA
Jet-A	NA	0.5 U	NA	NA	NA	NA
Motor Oil	0.5 U	0.2 U	0.5 U	0.5 U	0.5 U	NA
VOLATILE ORGANIC COMPOUNDS (VOCs)						
EPA Method 8260B (ug/L)						
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.02 U	0.02 U	0.020 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	1 U	0.5 U	1 U	1 U	1 U	1.0 U
2-Chloroethylvinylether	0.5 U	1 U	UR	0.5 U	0.5 U	0.5 U
2-Hexanone	1 U	1 U	1 U	1 U	1 U	1.0 U
4-Methyl-2-Pentanone (MIBK)	1 U	3.5	1 U	1 U	1 U	1.0 U
Acetone	2.4 U	0.2 U	1.5	1 U	1.8 U	1.0 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromomethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW030 AGW030-020520	AGW030 AGW030-021125	AGW030 AGW030-030521	AGW030 AGW030-040602	AGW030 AGW030-041201	AGW030 AGW030-050524
Lab Sample ID:	EJ74G	FA10A	FM53E	GR48E	HK38A	IC20G
Sampling Date:	5/20/2002	11/25/2002	5/21/2003	6/2/2004	12/1/2004	5/24/2005
Carbon Disulfide	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.2 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.4 U	0.3 U	0.4 U	0.4 U	0.4 U	0.4 U
Methylene Chloride	0.3 U	0.2 U	0.3 U	0.3 U	0.3 U	0.3 U
o-Xylene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.02 U	0.03	0.020 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW031 AGW031-000314	AGW031 AGW031-001107	AGW031 AGW031-010518	AGW031 AGW031-011102	AGW031 AGW031-020520	AGW031 AGW031-021124	AGW031 AGW031-030519
Lab Sample ID:	BK07J	CK52C	DD17C	DU11G	EJ74C	FA02G	FM32G
Sampling Date:	3/14/2000	11/7/2000	5/18/2001	11/2/2001	5/20/2002	11/24/2002	5/19/2003
CONVENTIONAL CHEMISTRY PARAMETERS							
(mg/L Unless Otherwise Noted)							
Alkalinity (CaCO3)	NA	NA	NA	NA	NA	NA	NA
Chloride	NA	NA	NA	NA	NA	NA	NA
N-Ammonia	NA	NA	NA	NA	NA	NA	NA
Nitrate + Nitrite (NO3+NO2)	NA	NA	NA	NA	NA	NA	NA
N-Nitrate	NA	NA	NA	NA	NA	NA	NA
N-Nitrite	NA	NA	NA	NA	NA	NA	NA
Sulfate	NA	NA	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA	NA	NA	NA
Sulfite	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA	NA
TOTAL METALS							
EPA Method 6000/7000 Series (mg/L)							
Aluminum	0.19	0.39	0.56	4.79	0.46	1.05	0.68
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.002	0.002	0.003	0.005	0.002	0.004	0.004
Barium	0.018	0.016	0.026	0.053	0.022	0.048	0.032
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	37.6	20	34	35.3	27.9	23.5	32.4
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.005	0.006	0.007	0.014	0.004	0.013	0.008
Copper	0.01	0.008	0.013	0.018	0.006	0.009	0.009
Iron	2.44	2.06	3.47 J	6.69	2.28	5	3.31
Lead	0.001 U	0.001 U	0.001 U	0.001 U	0.001	0.001 U	0.001 U
Magnesium	11.5	5.94	10	10.6	8.31	7.44	10.3
Manganese	1.9	1.84	2.19	4.54	2.04	6.2	2.94
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	4	3.1	3.7	3.89	3.3	3.3	3.3
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	11.5	8.28	7.74	8.1	10.8	8.6	10.9
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.003 U	0.004	0.005	0.013	0.005	0.007	0.005
Zinc	0.01	0.006 U	0.006 U	0.01	0.006 U	0.006 U	0.006 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW031 AGW031-000314	AGW031 AGW031-001107	AGW031 AGW031-010518	AGW031 AGW031-011102	AGW031 AGW031-020520	AGW031 AGW031-021124	AGW031 AGW031-030519
Lab Sample ID:	BK07J	CK52C	DD17C	DU11G	EJ74C	FA02G	FM32G
Sampling Date:	3/14/2000	11/7/2000	5/18/2001	11/2/2001	5/20/2002	11/24/2002	5/19/2003
DISSOLVED METALS							
EPA Method 6000/7000 Series (mg/L)							
Aluminum	0.02 U	0.04	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001
Barium	0.008	0.004	0.007	0.008	0.007	0.005	0.007
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	38.5	21.7	37.4	33	32.4	24.6	32.7
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Copper	0.01	0.005	0.011	0.01	0.006	0.002	0.004
Hexavalent Chrome	0.01 U	0.01 U	0.01 U	UR	UR	UR	0.011 U
Iron	0.06	0.09	0.15	0.08	0.05 U	0.06	0.05 U
Lead	0.001 U	0.001 U	0.001 U	0.001 U	0.001	0.001 U	0.001 U
Magnesium	11.8	6.4	11.2	10.1	9.22	7.92	10.1
Manganese	0.783	0.19	0.938	1.56	0.512	0.049	0.353
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	3.6	2.9	3.7	3.66	3.2	3.3	3.6
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	11.3	8.66	8.23	7.48	11.4	8.9	11.3
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Zinc	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
POLYCHLORINATED BIPHENYLS (PCBs)							
EPA Method 8081 (ug/L)							
Aroclor 1016	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1221	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Aroclor 1232	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1242	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Aroclor 1248	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1254	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1260	1 U	1 U	1 U	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW031 AGW031-000314	AGW031 AGW031-001107	AGW031 AGW031-010518	AGW031 AGW031-011102	AGW031 AGW031-020520	AGW031 AGW031-021124	AGW031 AGW031-030519
Lab Sample ID:	BK07J	CK52C	DD17C	DU11G	EJ74C	FA02G	FM32G
Sampling Date:	3/14/2000	11/7/2000	5/18/2001	11/2/2001	5/20/2002	11/24/2002	5/19/2003
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)							
EPA Method 8270 (ug/L)							
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	3 U	3 U	3 U	3 U	3 U	3 U	3 U
2,4-Dimethylphenol	3 U	3 U	3 U	3 U	3 U	3 U	3 U
2,4-Dinitrophenol	10 U	10 U	10 U	25 U	25 U	25 U	25 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
2-Methylphenol	2 U	2 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	6 U	6 U	6 U	6 U	6 U	6 U	6 U
4,6-Dinitro-2-methylphenol	10 U	10 U	10 U	15 U	15 U	15 U	15 U
4-Bromophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	3 U	3 U	3 U	3 U	3 U	3 U	3 U
4-Chlorophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methylphenol	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroaniline	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitrophenol	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzoic Acid	10 U	10 U	10 U	50 U	50 U	50 U	50 U
Benzyl Alcohol	5 U	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bis-(2-Chloroethyl) ether	2 U	2 U	2 U	2 U	2 U	2 U	2 U
bis(2-Ethylhexyl)phthalate	1 U	1.6	1 U	4 U	4 U	4 U	1
Butylbenzylphthalate	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	1 U	1 U	1 U	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW031	AGW031	AGW031	AGW031	AGW031	AGW031	AGW031
	AGW031-000314	AGW031-001107	AGW031-010518	AGW031-011102	AGW031-020520	AGW031-021124	AGW031-030519
Lab Sample ID:	BK07J	CK52C	DD17C	DU11G	EJ74C	FA02G	FM32G
Sampling Date:	3/14/2000	11/7/2000	5/18/2001	11/2/2001	5/20/2002	11/24/2002	5/19/2003
Dibenzofuran	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	1 U	1 U	150	1 U	1 U	1 U	1 U
Dimethylphthalate	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Butylphthalate	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Octyl phthalate	1 U	1 U	1 U	2 U	2 U	2 U	1 U
Fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-cd)pyrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Nitrobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	2 U	2 U	2 U	2 U	2 U	2 U	2 U
N-Nitrosodiphenylamine	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Phenol	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Pyrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
PETROLEUM HYDROCARBONS							
NWTPH-Dx (mg/L)							
Diesel Range Hydrocarbons	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.27
Jet-A	0.5 U	0.5 U	NA	NA	NA	NA	NA
Motor Oil	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)							
EPA Method 8260B (ug/L)							
1,1,1-Trichloroethane	1.7	0.2	0.5	0.2 U	0.4	0.2	0.6
1,1,2,2-Tetrachloroethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	1 U	0.2	0.3	0.2 U	0.2 U	0.2	0.2 U
1,1-Dichloroethene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	5 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethylvinylether	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	UR
2-Hexanone	5 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone (MIBK)	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	5 U	1 U	1 U	1 U	2.5 U	2 U	1 U
Benzene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	1 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromomethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW031 AGW031-000314	AGW031 AGW031-001107	AGW031 AGW031-010518	AGW031 AGW031-011102	AGW031 AGW031-020520	AGW031 AGW031-021124	AGW031 AGW031-030519
Lab Sample ID:	BK07J	CK52C	DD17C	DU11G	EJ74C	FA02G	FM32G
Sampling Date:	3/14/2000	11/7/2000	5/18/2001	11/2/2001	5/20/2002	11/24/2002	5/19/2003
Carbon Disulfide	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	1.8	0.4	0.7	0.4	0.3	0.4	0.5
cis-1,3-Dichloropropene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	1 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Methylene Chloride	2 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
o-Xylene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	5.7	2.2	2.8	1.9	2.5	2.2	3.3
Trichlorofluoromethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW031	AGW031	AGW031	AGW032	AGW032	AGW032	AGW032
	AGW031-031217	AGW031-040607	AGW031-041202	AGW032-000313	AGW032-001107	AGW032FF-001107	AGW032-010515
Lab Sample ID:	GD88A	GR85A	HK52A	BJ92C	CK52E	CK52K	DC82D
Sampling Date:	12/17/2003	6/7/2004	12/2/2004	3/13/2000	11/7/2000	11/7/2000	5/15/2001
CONVENTIONAL CHEMISTRY PARAMETERS							
(mg/L Unless Otherwise Noted)							
Alkalinity (CaCO3)	100	78.3	140	NA	NA	NA	NA
Chloride	2.7	3.9	4.2	NA	NA	NA	NA
N-Ammonia	0.023	0.023	0.015	NA	NA	NA	NA
Nitrate + Nitrite (NO3+NO2)	0.18	1.01	0.073	NA	NA	NA	NA
N-Nitrate	0.18	1.01	0.073	NA	NA	NA	NA
N-Nitrite	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA
Sulfate	13	16.4	18.2	NA	NA	NA	NA
Sulfide	0.05 U	0.05 U	0.05 U	NA	NA	NA	NA
Sulfite	NA	NA	1.5 U	NA	NA	NA	NA
Total Dissolved Solids	190	182	226	NA	NA	NA	NA
Total Organic Carbon	10	5.49	5.26	NA	NA	NA	NA
Total Suspended Solids	590	54.6	51.5	NA	NA	NA	NA
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA	NA
TOTAL METALS							
EPA Method 6000/7000 Series (mg/L)							
Aluminum	24.4	2.63	NA	1.61	1.5	NA	3.71
Antimony	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.05 U
Arsenic	0.015	0.003	0.002	0.036	0.014	NA	0.015
Barium	0.131	0.034	0.024	0.049	0.023	NA	0.025
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	NA	0.002 U
Calcium	29.5	23	NA	69.9	48.9	NA	48.4
Chromium	0.021	0.005 U	0.005 U	0.007	0.005 U	NA	0.005 U
Cobalt	0.018	0.005	NA	0.009	0.003 U	NA	0.003 U
Copper	0.053	0.01	0.009	0.006	0.004	NA	0.008
Iron	35.7	6.22	3.09	78.1	21.8	NA	14.9 J
Lead	0.008	0.001	0.001 U	0.001 U	0.001 U	NA	0.001 U
Magnesium	10.4	7.29	NA	17.4	15.8	NA	15.4
Manganese	3.42	1.81	1.82	4.33	1.04	NA	0.679
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	NA	0.0001 U
Nickel	0.02	0.01 U	0.01 U	0.01	0.01 U	NA	0.01 U
Potassium	4.3	3.5	NA	10.6	6	NA	5.3
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	NA	0.003 U
Sodium	11.8	12.5	NA	25.7	16.9	NA	14.6
Thallium	0.001	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
Vanadium	0.07	0.01	0.006	0.039	0.019	NA	0.024
Zinc	0.034	0.012	0.006 U	0.019	0.011	NA	0.029

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW031 AGW031-031217	AGW031 AGW031-040607	AGW031 AGW031-041202	AGW032 AGW032-000313	AGW032 AGW032-001107	AGW032 AGW032FF-001107	AGW032 AGW032-010515
Lab Sample ID:	GD88A	GR85A	HK52A	BJ92C	CK52E	CK52K	DC82D
Sampling Date:	12/17/2003	6/7/2004	12/2/2004	3/13/2000	11/7/2000	11/7/2000	5/15/2001
DISSOLVED METALS							
EPA Method 6000/7000 Series (mg/L)							
Aluminum	0.05 U	0.05 U	NA	0.02 U	0.02 U	0.08	0.04
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001 U	0.001 U	0.003	0.004	0.013	0.011
Barium	0.006	0.003 U	0.003	0.015	0.013	0.021	0.021
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	24.9	21.3	NA	65.1	53.8	54.4	55.9
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.003 U	0.003 U	NA	0.006	0.003 U	0.003 U	0.003 U
Copper	0.006	0.003	0.005	0.005	0.002 U	0.002 U	0.002 U
Hexavalent Chrome	0.01 U	0.011 U	0.011 U	0.01 U	0.01 U	NA	0.01 UJ
Iron	0.05 U	0.05 U	0.05 U	18	4.08	20.8	13.5
Lead	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium	7.99	6.27	NA	17.2	17.4	17.2	18.3
Manganese	0.004	0.013	0.173	3.99	1.12	1.15	0.759
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	3.2	3.5	NA	10.1	6.1	6.4	6.1
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	9.8	12	NA	26.2	17.9	17.9	17.1
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.003 U	0.003 U	0.003 U	0.003 U	0.004	0.015	0.015
Zinc	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
POLYCHLORINATED BIPHENYLS (PCBs)							
EPA Method 8081 (ug/L)							
Aroclor 1016	NA	NA	NA	1 U	1 U	NA	1 U
Aroclor 1221	NA	NA	NA	2 U	2 U	NA	2 U
Aroclor 1232	NA	NA	NA	1 U	1 U	NA	1 U
Aroclor 1242	NA	NA	NA	1 U	1 U	NA	1 U
Aroclor 1248	NA	NA	NA	1 U	1 U	NA	1 U
Aroclor 1254	NA	NA	NA	1 U	1 U	NA	1 U
Aroclor 1260	NA	NA	NA	1 U	1 U	NA	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW031	AGW031	AGW031	AGW032	AGW032	AGW032	AGW032
	AGW031-031217	AGW031-040607	AGW031-041202	AGW032-000313	AGW032-001107	AGW032FF-001107	AGW032-010515
Lab Sample ID:	GD88A	GR85A	HK52A	BJ92C	CK52E	CK52K	DC82D
Sampling Date:	12/17/2003	6/7/2004	12/2/2004	3/13/2000	11/7/2000	11/7/2000	5/15/2001
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)							
EPA Method 8270 (ug/L)							
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	NA	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	NA	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	NA	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	NA	1 U
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	1 U	1 U	1 U	NA	1 U
2,4,5-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	NA	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	NA	5 U
2,4-Dichlorophenol	3 U	3 U	5 U	3 U	3 U	NA	3 U
2,4-Dimethylphenol	3 U	3 U	1 U	3 U	3 U	NA	3 U
2,4-Dinitrophenol	25 U	25 U	10 U	10 U	10 U	NA	10 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	NA	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	NA	5 U
2-Chloronaphthalene	1 U	1 U	1 U	1 U	1 U	NA	1 U
2-Chlorophenol	1 U	1 U	1 U	1 U	1 U	NA	1 U
2-Methylnaphthalene	1 U	1 U	1 U	1 U	1 U	NA	1 U
2-Methylphenol	1 U	1 U	1 U	2 U	2 U	NA	1 U
2-Nitroaniline	5 U	5 U	5 U	5 U	5 U	NA	5 U
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U	NA	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U	NA	5 U
3-Nitroaniline	6 U	6 U	5 U	6 U	6 U	NA	6 U
4,6-Dinitro-2-methylphenol	15 U	15 U	10 U	10 U	10 U	NA	10 U
4-Bromophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	NA	1 U
4-Chloro-3-methylphenol	2 U	2 U	5 U	2 U	2 U	NA	2 U
4-Chloroaniline	3 U	3 U	5 U	3 U	3 U	NA	3 U
4-Chlorophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	NA	1 U
4-Methylphenol	1 U	1 U	1 U	1 U	1 U	NA	1 U
4-Nitroaniline	5 U	5 U	5 U	5 U	5 U	NA	5 U
4-Nitrophenol	5 U	5 U	5 U	5 U	5 U	NA	5 U
Acenaphthene	1 U	1 U	1 U	1 U	1 U	NA	1 U
Acenaphthylene	1 U	1 U	1 U	1 U	1 U	NA	1 U
Anthracene	1 U	1 U	1 U	1 U	1 U	NA	1 U
Benzo(a)anthracene	1 U	1 U	1 U	1 U	1 U	NA	1 U
Benzo(a)pyrene	1 U	1 U	1 U	1 U	1 U	NA	1 U
Benzo(b)fluoranthene	1 U	1 U	1 U	1 U	1 U	NA	1 U
Benzo(g,h,i)perylene	1 U	1 U	1 U	1 U	1 U	NA	1 U
Benzo(k)fluoranthene	1 U	1 U	1 U	1 U	1 U	NA	1 U
Benzoic Acid	10 U	10 U	10 U	10 U	10 U	NA	10 U
Benzyl Alcohol	5 U	5 U	5 U	5 U	5 U	NA	5 U
bis(2-Chloroethoxy) methane	1 U	1 U	1 U	1 U	1 U	NA	1 U
Bis-(2-Chloroethyl) ether	2 U	2 U	1 U	2 U	2 U	NA	2 U
bis(2-Ethylhexyl)phthalate	1 U	1.8 U	1 U	1.4	1.8	NA	1 U
Butylbenzylphthalate	1 U	1 U	1 U	1 U	1 U	NA	1 U
Carbazole	1 U	1 U	1 U	1 U	1 U	NA	1 U
Chrysene	1 U	1 U	1 U	1 U	1 U	NA	1 U
Dibenz(a,h)anthracene	1 U	1 U	1 U	1 U	1 U	NA	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW031 AGW031-031217	AGW031 AGW031-040607	AGW031 AGW031-041202	AGW032 AGW032-000313	AGW032 AGW032-001107	AGW032 AGW032FF-001107	AGW032 AGW032-010515
Lab Sample ID:	GD88A	GR85A	HK52A	BJ92C	CK52E	CK52K	DC82D
Sampling Date:	12/17/2003	6/7/2004	12/2/2004	3/13/2000	11/7/2000	11/7/2000	5/15/2001
Dibenzofuran	1 U	1 U	1 U	1 U	1 U	NA	1 U
Diethylphthalate	1 U	1 U	1 U	1 U	1 U	NA	1 U
Dimethylphthalate	1 U	1 U	1 U	1 U	1 U	NA	1 U
Di-n-Butylphthalate	1 U	1 U	1 U	1 U	1 U	NA	1 U
Di-n-Octyl phthalate	1 U	1 U	1 U	1 U	1 U	NA	1 U
Fluoranthene	1 U	1 U	1 U	1 U	1 U	NA	1 U
Fluorene	1 U	1 U	1 U	1 U	1 U	NA	1 U
Hexachlorobenzene	1 U	1 U	1 U	1 U	1 U	NA	1 U
Hexachlorobutadiene	2 U	2 U	1 U	2 U	2 U	NA	2 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U	NA	5 U
Hexachloroethane	2 U	2 U	1 U	2 U	2 U	NA	2 U
Indeno(1,2,3-cd)pyrene	1 U	1 U	1 U	1 U	1 U	NA	1 U
Isophorone	1 U	1 U	1 U	1 U	1 U	NA	1 U
Naphthalene	1 U	1 U	1 U	1 U	1 U	NA	1 U
Nitrobenzene	1 U	1 U	1 U	1 U	1 U	NA	1 U
N-Nitroso-Di-N-Propylamine	2 U	2 U	5 U	2 U	2 U	NA	2 U
N-Nitrosodiphenylamine	1 U	1 U	1 U	1 U	1 U	NA	1 U
Pentachlorophenol	5 U	5 U	5 U	5 U	5 U	NA	5 U
Phenanthrene	1 U	1 U	1 U	1 U	1 U	NA	1 U
Phenol	2 U	2 U	1 U	2 U	2 U	NA	2 U
Pyrene	1 U	1 U	1 U	1 U	1 U	NA	1 U
PETROLEUM HYDROCARBONS							
NWTPH-Dx (mg/L)							
Diesel Range Hydrocarbons	0.25 U	0.25 U	0.25 U	1.4	0.25 U	NA	0.25 U
Jet-A	NA	NA	NA	0.91	0.5 U	NA	NA
Motor Oil	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)							
EPA Method 8260B (ug/L)							
1,1,1-Trichloroethane	0.3	0.2	0.7	1 U	0.2 U	NA	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	0.2 U	2 U	0.2 U	NA	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	0.2	1 U	0.9	NA	1.2
1,1-Dichloroethene	0.2 U	0.02 U	0.12	1 U	0.2 U	NA	0.2 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
2-Butanone	1 U	1 U	1 U	5 U	1 U	NA	1 U
2-Chloroethylvinylether	0.5 U	UR	0.5 U	5 U	0.5 U	NA	0.5 U
2-Hexanone	1 U	1 U	1 U	5 U	1 U	NA	1 U
4-Methyl-2-Pentanone (MIBK)	1 U	1 U	1 U	5 U	1 U	NA	1 U
Acetone	1 U	1	4.1 U	5 U	1.9 U	NA	1 U
Benzene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Bromoform	0.2 U	0.2 U	0.2 U	1 U	0.5 U	NA	0.5 U
Bromomethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW031	AGW031	AGW031	AGW032	AGW032	AGW032	AGW032
	AGW031-031217	AGW031-040607	AGW031-041202	AGW032-000313	AGW032-001107	AGW032FF-001107	AGW032-010515
Lab Sample ID:	GD88A	GR85A	HK52A	BJ92C	CK52E	CK52K	DC82D
Sampling Date:	12/17/2003	6/7/2004	12/2/2004	3/13/2000	11/7/2000	11/7/2000	5/15/2001
Carbon Disulfide	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Chloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Chloroform	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Chloromethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
cis-1,2-Dichloroethene	0.4	0.2 U	0.6	1 U	0.5	NA	0.6
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Ethylbenzene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
m,p-Xylene	0.4 U	0.4 U	0.4 U	1 U	0.4 U	NA	0.4 U
Methylene Chloride	0.3 U	0.3 U	0.3 U	2 U	0.3 U	NA	0.3 U
o-Xylene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Styrene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Trichloroethene	1.9	1.2	3.6	1 U	0.3	NA	0.3
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Vinyl Acetate	0.2 U	0.2 U	0.2 U	5 U	0.2 U	NA	0.2 U
Vinyl Chloride	0.2 U	0.02 U	0.025	1 U	3	NA	2.4

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW032	AGW032	AGW032	AGW032	AGW032	AGW032
	AGW032-011106	AGW032-020520	AGW032-021124	AGW032-030521	AGW032-040608	AGW032-041207
Lab Sample ID:	DU39C	EJ74H	FA02H	FM53I	GR93E	HL09E
Sampling Date:	11/6/2001	5/20/2002	11/24/2002	5/21/2003	6/8/2004	12/7/2004
CONVENTIONAL CHEMISTRY PARAMETERS						
(mg/L Unless Otherwise Noted)						
Alkalinity (CaCO3)	NA	NA	NA	NA	NA	261
Chloride	NA	NA	NA	NA	10 U	4.6
N-Ammonia	NA	NA	NA	NA	6.78	1.44
Nitrate + Nitrite (NO3+NO2)	NA	NA	NA	NA	0.015	0.044
N-Nitrate	NA	NA	NA	NA	0.01 U	0.044
N-Nitrite	NA	NA	NA	NA	0.143	0.01 U
Sulfate	NA	NA	NA	NA	11.2	11.7
Sulfide	NA	NA	NA	NA	0.09	0.14 J
Sulfite	NA	NA	NA	NA	NA	1.2 U
Total Dissolved Solids	NA	NA	NA	NA	650	357
Total Organic Carbon	NA	NA	NA	NA	52.4	31.8
Total Suspended Solids	NA	NA	NA	NA	44.6	20.4
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA
TOTAL METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	2.74	0.14	2.08	1.59	0.56	NA
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.013	0.075	0.019	0.033	0.041	0.018
Barium	0.03	0.029	0.021	0.05	0.051	0.032 J
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	56.8	56.8	50.9	97.1	78.4	NA
Chromium	0.005	0.005 U	0.005 U	0.005 U	0.007	0.005 U
Cobalt	0.004	0.003 U	0.003 U	0.013	0.017	NA
Copper	0.009	0.002 U	0.005	0.006	0.007	0.005
Iron	16.6	84.6	20.6	114		36
Lead	0.001 U	0.002	0.001 U	0.002 U	0.005 U	0.001 U
Magnesium	18.4	14.2	17.3	26.1	19.6	NA
Manganese	0.779	4.67	0.924	4.87	3.47	5.11
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.02	0.03	0.01
Potassium	6.4	8.1	6	9.2	11.9	NA
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	17.8	17.7	17.1	23.1	26.2	NA
Thallium	0.001 U	0.001 U	0.001 U	0.001	0.005 U	0.001 U
Vanadium	0.026	0.022	0.021	0.03	0.048	0.027
Zinc	0.019	0.006 U	0.019	0.009	0.008	0.017

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW032 AGW032-011106	AGW032 AGW032-020520	AGW032 AGW032-021124	AGW032 AGW032-030521	AGW032 AGW032-040608	AGW032 AGW032-041207
Lab Sample ID:	DU39C	EJ74H	FA02H	FM53I	GR93E	HL09E
Sampling Date:	11/6/2001	5/20/2002	11/24/2002	5/21/2003	6/8/2004	12/7/2004
DISSOLVED METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.06	0.05 U	0.05 U	0.05 U	0.12	NA
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.011	0.072	0.015	0.031	0.037	0.014
Barium	0.023	0.032	0.018	0.042	0.04	0.022
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	56.7	67.2	52.4	95.7	75.8	NA
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.006	0.005 U
Cobalt	0.003 U	0.003 U	0.003 U	0.012	0.016	NA
Copper	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Hexavalent Chrome	0.01 U	UR	UR	UR	0.034	0.011 U
Iron	13.2	96.2	17.3	104	102	29.7
Lead	0.001 U	0.002	0.001 U	0.002 U		0.001 U
Magnesium	18.9	16	18.1	24.9	18.7	NA
Manganese	0.749	5.52	0.938	4.73	3.44	4.22
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01	0.01 U
Potassium	6.5	8.7	6.1	8.6	12.3	NA
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	17.8	19	17.6	22.2	26.2	NA
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U
Vanadium	0.016	0.024	0.012	0.023	0.043	0.019
Zinc	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.008
POLYCHLORINATED BIPHENYLS (PCBs)						
EPA Method 8081 (ug/L)						
Aroclor 1016	1 U	1 U	1 U	1 U	NA	NA
Aroclor 1221	2 U	2 U	2 U	2 U	NA	NA
Aroclor 1232	1 U	1 U	1 U	1 U	NA	NA
Aroclor 1242	1 U	1 U	1 U	1 U	NA	NA
Aroclor 1248	1 U	1 U	1 U	1 U	NA	NA
Aroclor 1254	1 U	1 U	1 U	1 U	NA	NA
Aroclor 1260	1 U	1 U	1 U	1 U	NA	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW032 AGW032-011106	AGW032 AGW032-020520	AGW032 AGW032-021124	AGW032 AGW032-030521	AGW032 AGW032-040608	AGW032 AGW032-041207
Lab Sample ID:	DU39C	EJ74H	FA02H	FM53I	GR93E	HL09E
Sampling Date:	11/6/2001	5/20/2002	11/24/2002	5/21/2003	6/8/2004	12/7/2004
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)						
EPA Method 8270 (ug/L)						
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	3 U	3 U	3 U	3 U	3 U	5 U
2,4-Dimethylphenol	3 U	3 U	3 U	3 U	3 U	1 U
2,4-Dinitrophenol	25 U	25 U	25 U	25 U	25 U	10 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylphenol	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	6 U	6 U	6 U	6 U	6 U	5 U
4,6-Dinitro-2-methylphenol	15 U	15 U	15 U	15 U	15 U	10 U
4-Bromophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	2 U	2 U	2 U	2 U	2 U	5 U
4-Chloroaniline	3 U	3 U	3 U	3 U	3 U	5 U
4-Chlorophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	1 U
4-Methylphenol	1 U	3.2	1 U	1 U	1 U	1 U
4-Nitroaniline	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitrophenol	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U
Benzoic Acid	50 U	50 U	50 U	50 U	10 U	10 U
Benzyl Alcohol	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	1 U	1 U	1 U	1 U	1 U	1 U
Bis-(2-Chloroethyl) ether	2 U	2 U	2 U	2 U	2 U	1 U
bis(2-Ethylhexyl)phthalate	4 U	4 U	4 U	1 U	1 U	1.8
Butylbenzylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	1 U	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	1 U	1 U	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW032 AGW032-011106	AGW032 AGW032-020520	AGW032 AGW032-021124	AGW032 AGW032-030521	AGW032 AGW032-040608	AGW032 AGW032-041207
Lab Sample ID:	DU39C	EJ74H	FA02H	FM53I	GR93E	HL09E
Sampling Date:	11/6/2001	5/20/2002	11/24/2002	5/21/2003	6/8/2004	12/7/2004
Dibenzofuran	1 U	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Dimethylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Butylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Octyl phthalate	2 U	2 U	2 U	1 U	1 U	1 U
Fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	2 U	2 U	2 U	2 U	2 U	1 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	2 U	2 U	2 U	2 U	2 U	1 U
Indeno(1,2,3-cd)pyrene	1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	1 U	1 U	1 U	1 U	1 U	1 U
Nitrobenzene	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	2 U	2 U	2 U	2 U	2 U	5 U
N-Nitrosodiphenylamine	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	1 U	1 U	1 U	1 U	1 U	1 U
Phenol	2 U	2 U	2 U	2 U	2 U	1 U
Pyrene	1 U	1 U	1 U	1 U	1 U	1 U
PETROLEUM HYDROCARBONS						
NWTPH-Dx (mg/L)						
Diesel Range Hydrocarbons	0.28	0.3	0.25 U	0.25 U	0.25 U	0.25 U
Jet-A	NA	NA	NA	NA	NA	NA
Motor Oil	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)						
EPA Method 8260B (ug/L)						
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	1	0.3 J	0.8	0.4	0.3	0.3
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.02 U	0.02 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	1 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethylvinylether	0.5 U	0.5 U	0.5 U	UR	0.5 U	0.5 U
2-Hexanone	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone (MIBK)	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	1 U	1.9 U	2.5 U	3.2	1.4	8.4 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromomethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW032 AGW032-011106	AGW032 AGW032-020520	AGW032 AGW032-021124	AGW032 AGW032-030521	AGW032 AGW032-040608	AGW032 AGW032-041207
Lab Sample ID:	DU39C	EJ74H	FA02H	FM53I	GR93E	HL09E
Sampling Date:	11/6/2001	5/20/2002	11/24/2002	5/21/2003	6/8/2004	12/7/2004
Carbon Disulfide	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.4	0.2 U	0.5	0.2 U	0.2 U	0.4
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Methylene Chloride	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
o-Xylene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.4	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	2.3	1.1	4	1.7	0.17	3

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW032	AGW032-Dup	AGW033	AGW033	AGW033	AGW033	AGW033
	AGW032-050524	AGWDUP1-050524	AGW033-000314	AGW033-001107	AGW033-010518	AGW033-011106	AGW033-020520
Lab Sample ID:	IC20J	IC20K	BK07H	CK52D	DD17A	DU39A	EJ74D
Sampling Date:	5/24/2005	5/24/2005	3/14/2000	11/7/2000	5/18/2001	11/6/2001	5/20/2002
CONVENTIONAL CHEMISTRY PARAMETERS							
(mg/L Unless Otherwise Noted)							
Alkalinity (CaCO3)	NA	NA	NA	NA	NA	NA	NA
Chloride	NA	NA	NA	NA	NA	NA	NA
N-Ammonia	NA	NA	NA	NA	NA	NA	NA
Nitrate + Nitrite (NO3+NO2)	NA	NA	NA	NA	NA	NA	NA
N-Nitrate	NA	NA	NA	NA	NA	NA	NA
N-Nitrite	NA	NA	NA	NA	NA	NA	NA
Sulfate	NA	NA	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA	NA	NA	NA
Sulfite	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA	NA
TOTAL METALS							
EPA Method 6000/7000 Series (mg/L)							
Aluminum	NA	NA	0.21	0.36	0.49	0.24	0.46
Antimony	NA	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	NA	NA	0.008	0.006	0.007	0.004	0.005
Barium	NA	NA	0.028	0.027	0.028	0.032	0.028
Beryllium	NA	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	NA	NA	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	NA	NA	53.5	43.1	46.4	52.4	45.2
Chromium	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	NA	NA	0.003 U	0.004	0.003	0.006	0.003 U
Copper	NA	NA	0.002	0.003	0.002 U	0.003	0.002
Iron	NA	NA	14.5	11	11.7 J	17.7	7.05
Lead	NA	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001
Magnesium	NA	NA	14.5	12.2	12.7	14.2	12.3
Manganese	NA	NA	0.622	0.756	0.575	1.01	0.664
Mercury	NA	NA	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	NA	NA	5.1	5.3	5.3	5.4	5
Selenium	NA	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	NA	NA	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	NA	NA	42.6	47.3	42.6	43.9	46
Thallium	NA	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	NA	NA	0.02	0.02	0.018	0.012	0.019
Zinc	NA	NA	0.007	0.02	0.006 U	0.007	0.009

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW032	AGW032-Dup	AGW033	AGW033	AGW033	AGW033	AGW033
	AGW032-050524	AGWDUP1-050524	AGW033-000314	AGW033-001107	AGW033-010518	AGW033-011106	AGW033-020520
Lab Sample ID:	IC20J	IC20K	BK07H	CK52D	DD17A	DU39A	EJ74D
Sampling Date:	5/24/2005	5/24/2005	3/14/2000	11/7/2000	5/18/2001	11/6/2001	5/20/2002
DISSOLVED METALS							
EPA Method 6000/7000 Series (mg/L)							
Aluminum	NA	NA	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U
Antimony	NA	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	NA	NA	0.002	0.001	0.003	0.002	0.001
Barium	NA	NA	0.023	0.022	0.025	0.029	0.023
Beryllium	NA	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	NA	NA	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	NA	NA	54.7	46.5	52.9	52.2	51.9
Chromium	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	NA	NA	0.003 U	0.004	0.004	0.006	0.003 U
Copper	NA	NA	0.003	0.002	0.002 U	0.002 U	0.002 U
Hexavalent Chrome	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	UR
Iron	NA	NA	3.95	2.74	6.31	13.8	2.57
Lead	NA	NA	0.002 U	0.001 U	0.001 U	0.001 U	0.001
Magnesium	NA	NA	14.8	13	14.3	14.4	13.5
Manganese	NA	NA	0.614	0.794	0.659	0.989	0.63
Mercury	NA	NA	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	NA	NA	5	5.5	5.8	5.4	4.9
Selenium	NA	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	NA	NA	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	NA	NA	42.6	48.4	46.2	44.9	48.3
Thallium	NA	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	NA	NA	0.006	0.007	0.009	0.006	0.009
Zinc	NA	NA	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
POLYCHLORINATED BIPHENYLS (PCBs)							
EPA Method 8081 (ug/L)							
Aroclor 1016	NA	NA	1 U	1 U	1 U	1 U	1 U
Aroclor 1221	NA	NA	2 U	2 U	2 U	2 U	2.1 U
Aroclor 1232	NA	NA	1 U	1 U	1 U	1 U	1 U
Aroclor 1242	NA	NA	1 U	1 U	1 U	1 U	1 U
Aroclor 1248	NA	NA	1 U	1 U	1 U	1 U	1 U
Aroclor 1254	NA	NA	1 U	1 U	1 U	1 U	1 U
Aroclor 1260	NA	NA	1 U	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW032	AGW032-Dup	AGW033	AGW033	AGW033	AGW033	AGW033
	AGW032-050524	AGWDUP1-050524	AGW033-000314	AGW033-001107	AGW033-010518	AGW033-011106	AGW033-020520
Lab Sample ID:	IC20J	IC20K	BK07H	CK52D	DD17A	DU39A	EJ74D
Sampling Date:	5/24/2005	5/24/2005	3/14/2000	11/7/2000	5/18/2001	11/6/2001	5/20/2002
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)							
EPA Method 8270 (ug/L)							
1,2,4-Trichlorobenzene	NA	NA	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	NA	NA	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	NA	NA	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	NA	NA	1 U	1 U	1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	NA	NA	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	NA	NA	5 U	5 U	5 U	5 U	5.1 U
2,4,6-Trichlorophenol	NA	NA	5 U	5 U	5 U	5 U	5.1 U
2,4-Dichlorophenol	NA	NA	3 U	3 U	3 U	3 U	3.1 U
2,4-Dimethylphenol	NA	NA	3 U	3 U	3 U	3 U	3.1 U
2,4-Dinitrophenol	NA	NA	10 U	10 U	10 U	25 U	26 U
2,4-Dinitrotoluene	NA	NA	5 U	5 U	5 U	5 U	5.1 U
2,6-Dinitrotoluene	NA	NA	5 U	5 U	5 U	5 U	5.1 U
2-Chloronaphthalene	NA	NA	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	NA	NA	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	NA	NA	1 U	1 U	1 U	1 U	1 U
2-Methylphenol	NA	NA	2 U	2 U	1 U	1 U	1 U
2-Nitroaniline	NA	NA	5 U	5 U	5 U	5 U	5.1 U
2-Nitrophenol	NA	NA	5 U	5 U	5 U	5 U	5.1 U
3,3'-Dichlorobenzidine	NA	NA	5 U	5 U	5 U	5 U	5.1 U
3-Nitroaniline	NA	NA	6 U	6 U	6 U	6 U	6.1 U
4,6-Dinitro-2-methylphenol	NA	NA	10 U	10 U	10 U	15 U	15 U
4-Bromophenyl-phenylether	NA	NA	1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	NA	NA	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	NA	NA	3 U	3 U	3 U	3 U	3.1 U
4-Chlorophenyl-phenylether	NA	NA	1 U	1 U	1 U	1 U	1 U
4-Methylphenol	NA	NA	1 U	1 U	1 U	1 U	1 U
4-Nitroaniline	NA	NA	5 U	5 U	5 U	5 U	5.1 U
4-Nitrophenol	NA	NA	5 U	5 U	5 U	5 U	5.1 U
Acenaphthene	NA	NA	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	NA	NA	1 U	1 U	1 U	1 U	1 U
Anthracene	NA	NA	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	NA	NA	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	NA	NA	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	NA	NA	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	NA	NA	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	NA	NA	1 U	1 U	1 U	1 U	1 U
Benzoic Acid	NA	NA	10 U	10 U	10 U	50 U	51 U
Benzyl Alcohol	NA	NA	5 U	5 U	5 U	5 U	5.1 U
bis(2-Chloroethoxy) methane	NA	NA	1 U	1 U	1 U	1 U	1 U
Bis-(2-Chloroethyl) ether	NA	NA	2 U	2 U	2 U	2 U	2 U
bis(2-Ethylhexyl)phthalate	NA	NA	1.4	2.4	1.4	4 U	4.1 U
Butylbenzylphthalate	NA	NA	1 U	1 U	1 U	1 U	1 U
Carbazole	NA	NA	1 U	1 U	1 U	1 U	1 U
Chrysene	NA	NA	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	NA	NA	1 U	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW032	AGW032-Dup	AGW033	AGW033	AGW033	AGW033	AGW033
	AGW032-050524	AGWDUP1-050524	AGW033-000314	AGW033-001107	AGW033-010518	AGW033-011106	AGW033-020520
Lab Sample ID:	IC20J	IC20K	BK07H	CK52D	DD17A	DU39A	EJ74D
Sampling Date:	5/24/2005	5/24/2005	3/14/2000	11/7/2000	5/18/2001	11/6/2001	5/20/2002
Dibenzofuran	NA	NA	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	NA	NA	1 U	1 U	1 U	1 U	1 U
Dimethylphthalate	NA	NA	1 U	1 U	1 U	1 U	1 U
Di-n-Butylphthalate	NA	NA	1 U	1 U	1 U	1 U	1 U
Di-n-Octyl phthalate	NA	NA	1 U	1 U	1 U	2 U	2 U
Fluoranthene	NA	NA	1 U	1 U	1 U	1 U	1 U
Fluorene	NA	NA	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	NA	NA	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	NA	NA	2 U	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	NA	NA	5 U	5 U	5 U	5 U	5.1 U
Hexachloroethane	NA	NA	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-cd)pyrene	NA	NA	1 U	1 U	1 U	1 U	1 U
Isophorone	NA	NA	1 U	1 U	1 U	1 U	1 U
Naphthalene	NA	NA	1 U	1 U	1 U	1 U	1 U
Nitrobenzene	NA	NA	1 U	1 U	1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	NA	NA	2 U	2 U	2 U	2 U	2 U
N-Nitrosodiphenylamine	NA	NA	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	NA	NA	5 U	5 U	5 U	5 U	5.1 U
Phenanthrene	NA	NA	1 U	1 U	1 U	1 U	1 U
Phenol	NA	NA	2 U	2 U	2 U	2 U	2 U
Pyrene	NA	NA	1 U	1 U	1 U	1 U	1 U
PETROLEUM HYDROCARBONS							
NWTPH-Dx (mg/L)							
Diesel Range Hydrocarbons	NA	NA	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Jet-A	NA	NA	0.5 U	0.5 U	NA	NA	NA
Motor Oil	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)							
EPA Method 8260B (ug/L)							
1,1,1-Trichloroethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.020 U	0.020 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	1.0 U	1.0 U	5 U	1 U	1 U	1 U	1 U
2-Chloroethylvinylether	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	1.0 U	1.0 U	5 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone (MIBK)	1.0 U	1.0 U	5 U	1 U	1 U	1 U	1 U
Acetone	1.8	1.8	5 U	1 U	1 U	1 U	1.9 U
Benzene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	0.2 U	0.2 U	1 U	0.5 U	0.5 U	0.2 U	0.2 U
Bromomethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW032 AGW032-050524	AGW032-Dup AGWDUP1-050524	AGW033 AGW033-000314	AGW033 AGW033-001107	AGW033 AGW033-010518	AGW033 AGW033-011106	AGW033 AGW033-020520
Lab Sample ID:	IC20J	IC20K	BK07H	CK52D	DD17A	DU39A	EJ74D
Sampling Date:	5/24/2005	5/24/2005	3/14/2000	11/7/2000	5/18/2001	11/6/2001	5/20/2002
Carbon Disulfide	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.2 U	0.2 U	2.6	2.7	2.6	2.4	2.3
cis-1,3-Dichloropropene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.4 U	0.4 U	1 U	0.4 U	0.4 U	0.4 U	0.4 U
Methylene Chloride	0.3 U	0.3 U	2 U	0.3 U	0.3 U	0.3 U	0.3 U
o-Xylene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	1 U	0.2	0.3	0.2	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	0.2 U	0.2 U	4.8	4.6	4.5	4.1	4
Trichlorofluoromethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	0.2 U	0.2 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	0.15	0.15	1 U	1	1	1.2	0.8

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW033 AGW033-021125	AGW033 AGW033-030521	AGW033 AGW033-031217	AGW033 AGW033-040603	AGW033 AGW033-041201	AGW033 AGW033-050524
Lab Sample ID:	FA10C	FM53G	GD88D	GR57A	HK38D	IC20H
Sampling Date:	11/25/2002	5/21/2003	12/17/2003	6/3/2004	12/1/2004	5/24/2005
CONVENTIONAL CHEMISTRY PARAMETERS						
(mg/L Unless Otherwise Noted)						
Alkalinity (CaCO3)	NA	NA	160	182	183	NA
Chloride	NA	NA	3	3.2	3.8	NA
N-Ammonia	NA	NA	0.29	0.162	0.484	NA
Nitrate + Nitrite (NO3+NO2)	NA	NA	0.029	0.019	0.01 U	NA
N-Nitrate	NA	NA	0.029	0.019	0.01 U	NA
N-Nitrite	NA	NA	0.01 U	0.01 U	0.01 U	NA
Sulfate	NA	NA	59	94.3	67.9	NA
Sulfide	NA	NA	0.05 U	0.05 U	0.05 U	NA
Sulfite	NA	NA	NA	NA	1.5 U	NA
Total Dissolved Solids	NA	NA	290	360 J	336 J	NA
Total Organic Carbon	NA	NA	7.5	12.2	11.6	NA
Total Suspended Solids	NA	NA	28	22.3	34.2 J	NA
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA
TOTAL METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.34	0.69	0.16	0.05 U	NA	NA
Antimony	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	NA
Arsenic	0.005	0.006	0.007	0.002	0.01	NA
Barium	0.025	0.027	0.019	0.019	0.028	NA
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	NA
Calcium	41.9	43.9	37	49.4	NA	NA
Chromium	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	NA
Cobalt	0.003 U	0.004	0.003 U	0.004	NA	NA
Copper	0.002 U	0.003	0.005	0.002 U	0.003	NA
Iron	13.4	10.2	8.11	1.5	18.7	NA
Lead	0.001	0.001 U	0.001 U	0.001 U	0.001 U	NA
Magnesium	12.1	12.6	10.2	13.5	NA	NA
Manganese	0.684	0.662	0.507	0.739	0.685 J	NA
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	NA
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA
Potassium	4.6	4.4	3.9	4.7	NA	NA
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	NA
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	NA
Sodium	32.6	34.5	28.9	44.5	NA	NA
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Vanadium	0.015	0.022	0.013	0.006	0.026	NA
Zinc	0.009 J	0.008	0.007	0.006 U	0.006 U	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW033	AGW033	AGW033	AGW033	AGW033	AGW033
	AGW033-021125	AGW033-030521	AGW033-031217	AGW033-040603	AGW033-041201	AGW033-050524
Lab Sample ID:	FA10C	FM53G	GD88D	GR57A	HK38D	IC20H
Sampling Date:	11/25/2002	5/21/2003	12/17/2003	6/3/2004	12/1/2004	5/24/2005
DISSOLVED METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.05 U	0.05 U	0.05 U	0.1	NA	NA
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	NA
Arsenic	0.002	0.001	0.003	0.005	0.003	NA
Barium	0.021	0.017	0.016	0.028	0.018	NA
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	NA
Calcium	44.1	44.7	40.1	51.2	NA	NA
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Cobalt	0.003 U	0.003	0.003	0.005	NA	NA
Copper	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	NA
Hexavalent Chrome	0.01 U	UR	0.01 U	UR	UR	NA
Iron	6.1	2.3	3.78	6.55	4.37	NA
Lead	0.001 U	0.001 U	0.001 U	0.001	0.001 U	NA
Magnesium	12.8	12.6	11.2	14.6	NA	NA
Manganese	0.663	0.603	0.55	0.873	0.661	NA
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	NA
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA
Potassium	4.9	4	4.3	4.7	NA	NA
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	NA
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	NA
Sodium	35.6	33.7	31.1	45.2	NA	NA
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Vanadium	0.004	0.006	0.005	0.015	0.006	NA
Zinc	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	NA
POLYCHLORINATED BIPHENYLS (PCBs)						
EPA Method 8081 (ug/L)						
Aroclor 1016	1 U	1 U	NA	NA	NA	NA
Aroclor 1221	2 U	2 U	NA	NA	NA	NA
Aroclor 1232	1 U	1 U	NA	NA	NA	NA
Aroclor 1242	1 U	1 U	NA	NA	NA	NA
Aroclor 1248	1 U	1 U	NA	NA	NA	NA
Aroclor 1254	1 U	1 U	NA	NA	NA	NA
Aroclor 1260	1 U	1 U	NA	NA	NA	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW033	AGW033	AGW033	AGW033	AGW033	AGW033
	AGW033-021125	AGW033-030521	AGW033-031217	AGW033-040603	AGW033-041201	AGW033-050524
Lab Sample ID:	FA10C	FM53G	GD88D	GR57A	HK38D	IC20H
Sampling Date:	11/25/2002	5/21/2003	12/17/2003	6/3/2004	12/1/2004	5/24/2005
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)						
EPA Method 8270 (ug/L)						
1,2,4-Trichlorobenzene	1 U	1 U	1 U	NA	1 U	NA
1,2-Dichlorobenzene	1 U	1 U	1 U	NA	1 U	NA
1,3-Dichlorobenzene	1 U	1 U	1 U	NA	1 U	NA
1,4-Dichlorobenzene	1 U	1 U	1 U	NA	1 U	NA
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	1 U	NA	1 U	NA
2,4,5-Trichlorophenol	5 U	5 U	5 U	NA	5 U	NA
2,4,6-Trichlorophenol	5 U	5 U	5 U	NA	5 U	NA
2,4-Dichlorophenol	3 U	3 U	3 U	NA	5 U	NA
2,4-Dimethylphenol	3 U	3 U	3 U	NA	1 U	NA
2,4-Dinitrophenol	25 U	25 U	25 U	NA	10 U	NA
2,4-Dinitrotoluene	5 U	5 U	5 U	NA	5 U	NA
2,6-Dinitrotoluene	5 U	5 U	5 U	NA	5 U	NA
2-Chloronaphthalene	1 U	1 U	1 U	NA	1 U	NA
2-Chlorophenol	1 U	1 U	1 U	NA	1 U	NA
2-Methylnaphthalene	1 U	1 U	1 U	NA	1 U	NA
2-Methylphenol	1 U	1 U	1 U	NA	1 U	NA
2-Nitroaniline	5 U	5 U	5 U	NA	5 U	NA
2-Nitrophenol	5 U	5 U	5 U	NA	5 U	NA
3,3'-Dichlorobenzidine	5 U	5 U	5 U	NA	5 U	NA
3-Nitroaniline	6 U	6 U	6 U	NA	5 U	NA
4,6-Dinitro-2-methylphenol	15 U	15 U	15 U	NA	10 U	NA
4-Bromophenyl-phenylether	1 U	1 U	1 U	NA	1 U	NA
4-Chloro-3-methylphenol	2 U	2 U	2 U	NA	5 U	NA
4-Chloroaniline	3 U	3 U	3 U	NA	5 U	NA
4-Chlorophenyl-phenylether	1 U	1 U	1 U	NA	1 U	NA
4-Methylphenol	1 U	1 U	1 U	NA	1 U	NA
4-Nitroaniline	5 U	5 U	5 U	NA	5 U	NA
4-Nitrophenol	5 U	5 U	5 U	NA	5 U	NA
Acenaphthene	1 U	1 U	1 U	NA	1 U	NA
Acenaphthylene	1 U	1 U	1 U	NA	1 U	NA
Anthracene	1 U	1 U	1 U	NA	1 U	NA
Benzo(a)anthracene	1 U	1 U	1 U	NA	1 U	NA
Benzo(a)pyrene	1 U	1 U	1 U	NA	1 U	NA
Benzo(b)fluoranthene	1 U	1 U	1 U	NA	1 U	NA
Benzo(g,h,i)perylene	1 U	1 U	1 U	NA	1 U	NA
Benzo(k)fluoranthene	1 U	1 U	1 U	NA	1 U	NA
Benzoic Acid	50 U	50 U	10 U	NA	10 U	NA
Benzyl Alcohol	5 U	5 U	5 U	NA	5 U	NA
bis(2-Chloroethoxy) methane	1 U	1 U	1 U	NA	1 U	NA
Bis-(2-Chloroethyl) ether	2 U	2 U	2 U	NA	1 U	NA
bis(2-Ethylhexyl)phthalate	4 U	1	1 U	NA	1 U	NA
Butylbenzylphthalate	1 U	1 U	1 U	NA	1 U	NA
Carbazole	1 U	1 U	1 U	NA	1 U	NA
Chrysene	1 U	1 U	1 U	NA	1 U	NA
Dibenz(a,h)anthracene	1 U	1 U	1 U	NA	1 U	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW033	AGW033	AGW033	AGW033	AGW033	AGW033
	AGW033-021125	AGW033-030521	AGW033-031217	AGW033-040603	AGW033-041201	AGW033-050524
Lab Sample ID:	FA10C	FM53G	GD88D	GR57A	HK38D	IC20H
Sampling Date:	11/25/2002	5/21/2003	12/17/2003	6/3/2004	12/1/2004	5/24/2005
Dibenzofuran	1 U	1 U	1 U	NA	1 U	NA
Diethylphthalate	1 U	1 U	1 U	NA	1 U	NA
Dimethylphthalate	1 U	1 U	1 U	NA	1 U	NA
Di-n-Butylphthalate	1 U	1 U	1 U	NA	1 U	NA
Di-n-Octyl phthalate	2 U	1 U	1 U	NA	1 U	NA
Fluoranthene	1 U	1 U	1 U	NA	1 U	NA
Fluorene	1 U	1 U	1 U	NA	1 U	NA
Hexachlorobenzene	1 U	1 U	1 U	NA	1 U	NA
Hexachlorobutadiene	2 U	2 U	2 U	NA	1 U	NA
Hexachlorocyclopentadiene	5 U	5 U	5 U	NA	5 U	NA
Hexachloroethane	2 U	2 U	2 U	NA	1 U	NA
Indeno(1,2,3-cd)pyrene	1 U	1 U	1 U	NA	1 U	NA
Isophorone	1 U	1 U	1 U	NA	1 U	NA
Naphthalene	1 U	1 U	1 U	NA	1 U	NA
Nitrobenzene	1 U	1 U	1 U	NA	1 U	NA
N-Nitroso-Di-N-Propylamine	2 U	2 U	2 U	NA	5 U	NA
N-Nitrosodiphenylamine	1 U	1 U	1 U	NA	1 U	NA
Pentachlorophenol	5 U	5 U	5 U	NA	5 U	NA
Phenanthrene	1 U	1 U	1 U	NA	1 U	NA
Phenol	2 U	2 U	2 U	NA	1 U	NA
Pyrene	1 U	1 U	1 U	NA	1 U	NA
PETROLEUM HYDROCARBONS						
NWTPH-Dx (mg/L)						
Diesel Range Hydrocarbons	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	NA
Jet-A	NA	NA	NA	NA	NA	NA
Motor Oil	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
VOLATILE ORGANIC COMPOUNDS (VOCs)		U				
EPA Method 8260B (ug/L)		U				
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.099	0.12	0.10
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.2 U	UR	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	1 U	1 U	1 U	1 U	1 U	1.0 U
2-Chloroethylvinylether	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	1 U	1 J	1 U	1 U	1 U	1.0 U
4-Methyl-2-Pentanone (MIBK)	1 U	1 U	1 U	1 U	1 U	1.0 U
Acetone	3.6 J	2.4 U	1 U	1.5	2.1 U	1.0 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromomethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW033 AGW033-021125	AGW033 AGW033-030521	AGW033 AGW033-031217	AGW033 AGW033-040603	AGW033 AGW033-041201	AGW033 AGW033-050524
Lab Sample ID:	FA10C	FM53G	GD88D	GR57A	HK38D	IC20H
Sampling Date:	11/25/2002	5/21/2003	12/17/2003	6/3/2004	12/1/2004	5/24/2005
Carbon Disulfide	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	3.3	2.6 U	2.8	2.5	2.7	3.4
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Methylene Chloride	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
o-Xylene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.3	0.2	0.2 U	0.2 U	0.2 U	0.2
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	5	4 U	4.4	3.6	5	5.0
Trichlorofluoromethane	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	1.6	1.1	1	0.66	1.5	0.68

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW034 AGW034-040608	AGW034 AGW034-041207	AGW035 AGW035-000314	AGW035 AGW035-001108	AGW035 AGW035-010518	AGW035 AGW035-011106	AGW035 AGW035-020520
Lab Sample ID:	GR93F	HL09F	BK07I	CK72E	DD17B	DU39B	EJ74E
Sampling Date:	6/8/2004	12/7/2004	3/14/2000	11/8/2000	5/18/2001	11/6/2001	5/20/2002
CONVENTIONAL CHEMISTRY PARAMETERS							
(mg/L Unless Otherwise Noted)							
Alkalinity (CaCO3)	109	95.4	NA	NA	NA	NA	NA
Chloride	3.2	3	NA	NA	NA	NA	NA
N-Ammonia	0.059	0.021	NA	NA	NA	NA	NA
Nitrate + Nitrite (NO3+NO2)	0.01 U	0.01 U	NA	NA	NA	NA	NA
N-Nitrate	0.01 U	0.01 U	NA	NA	NA	NA	NA
N-Nitrite	0.01 U	0.01 U	NA	NA	NA	NA	NA
Sulfate	11.2	12.1	NA	NA	NA	NA	NA
Sulfide	0.05 U	0.05 UJ	NA	NA	NA	NA	NA
Sulfite	NA	1.2 U	NA	NA	NA	NA	NA
Total Dissolved Solids	172	162	NA	NA	NA	NA	NA
Total Organic Carbon	1.61	3.3	NA	NA	NA	NA	NA
Total Suspended Solids	1 U	1 U	NA	NA	NA	NA	NA
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA	NA
TOTAL METALS							
EPA Method 6000/7000 Series (mg/L)							
Aluminum	0.05 U	NA	0.02 U	0.03	0.04	0.05 U	0.05 U
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001 U	0.001 U	0.001	0.001 U	0.001 U	0.001 U
Barium	0.01	0.01 J	0.004	0.004	0.004	0.004	0.004
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	24.7	NA	18	18	17.7	18.3	16.8
Chromium	0.005 U	0.005 U	0.005 U	0.005	0.005 U	0.005 U	0.005 U
Cobalt	0.003 U	NA	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Copper	0.002 U	0.002 U	0.032	0.023	0.031	0.046	0.035
Iron	1.08	0.55	0.04	0.08	0.05 J	0.05 U	0.05 U
Lead	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium	8.51	NA	5.51	5.69	5.47	5.91	5.23
Manganese	0.09	0.047	0.002	0.003	0.003	0.001	0.001 U
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	4.2	NA	2.5	2.7	2.8	2.8	2.4
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	10.1	NA	7.74	7.93	7.56	7.73	7.43
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Zinc	0.007	0.006 U	0.017	0.013	0.007	0.017	0.013

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW034	AGW034	AGW035	AGW035	AGW035	AGW035	AGW035
	AGW034-040608	AGW034-041207	AGW035-000314	AGW035-001108	AGW035-010518	AGW035-011106	AGW035-020520
Lab Sample ID:	GR93F	HL09F	BK07I	CK72E	DD17B	DU39B	EJ74E
Sampling Date:	6/8/2004	12/7/2004	3/14/2000	11/8/2000	5/18/2001	11/6/2001	5/20/2002
DISSOLVED METALS							
EPA Method 6000/7000 Series (mg/L)							
Aluminum	0.05 U	NA	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Barium	0.012	0.008	0.004	0.004	0.004	0.004	0.004
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	24.4	NA	17.8	18	19.1	17.9	18.8
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.003 U	NA	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Copper	0.002 U	0.002 U	0.03	0.018	0.016	0.043	0.038
Hexavalent Chrome	0.011 U	0.011 U	0.01 U	0.01 U	0.01 U	0.01 U	UR
Iron	1.11	0.46	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U
Lead	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001
Magnesium	9.05	NA	5.49	5.68	5.85	5.69	5.6
Manganese	0.093	0.047	0.001 U	0.002	0.001	0.001 U	0.001
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	3.7	NA	2.1	2.8	2.9	2.9	2.5
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	9.6	NA	7.61	7.71	7.88	7.78	7.58
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Zinc	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.024	0.011
POLYCHLORINATED BIPHENYLS (PCBs)							
EPA Method 8081 (ug/L)							
Aroclor 1016	NA	NA	1 U	1 U	1 U	1 U	1 U
Aroclor 1221	NA	NA	2 U	2 U	2 U	2 U	2 U
Aroclor 1232	NA	NA	1 U	1 U	1 U	1 U	1 U
Aroclor 1242	NA	NA	1 U	1 U	1 U	1 U	1 U
Aroclor 1248	NA	NA	1 U	1 U	1 U	1 U	1 U
Aroclor 1254	NA	NA	1 U	1 U	1 U	1 U	1 U
Aroclor 1260	NA	NA	1 U	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW034	AGW034	AGW035	AGW035	AGW035	AGW035	AGW035
	AGW034-040608	AGW034-041207	AGW035-000314	AGW035-001108	AGW035-010518	AGW035-011106	AGW035-020520
Lab Sample ID:	GR93F	HL09F	BK07I	CK72E	DD17B	DU39B	EJ74E
Sampling Date:	6/8/2004	12/7/2004	3/14/2000	11/8/2000	5/18/2001	11/6/2001	5/20/2002
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)							
EPA Method 8270 (ug/L)							
1,2,4-Trichlorobenzene	NA	NA	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	NA	NA	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	NA	NA	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	NA	NA	1 U	1 U	1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	NA	NA	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	NA	NA	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	NA	NA	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	NA	NA	3 U	3 U	3 U	3 U	3 U
2,4-Dimethylphenol	NA	NA	3 U	3 U	3 U	3 U	3 U
2,4-Dinitrophenol	NA	NA	10 U	10 U	10 U	25 U	25 U
2,4-Dinitrotoluene	NA	NA	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	NA	NA	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	NA	NA	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	NA	NA	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	NA	NA	1 U	1 U	1 U	1 U	1 U
2-Methylphenol	NA	NA	2 U	2 U	1 U	1 U	1 U
2-Nitroaniline	NA	NA	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	NA	NA	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	NA	NA	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	NA	NA	6 U	6 U	6 U	6 U	6 U
4,6-Dinitro-2-methylphenol	NA	NA	10 U	10 U	10 U	15 U	15 U
4-Bromophenyl-phenylether	NA	NA	1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	NA	NA	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	NA	NA	3 U	3 U	3 U	3 U	3 U
4-Chlorophenyl-phenylether	NA	NA	1 U	1 U	1 U	1 U	1 U
4-Methylphenol	NA	NA	1 U	1 U	1 U	1 U	1 U
4-Nitroaniline	NA	NA	5 U	5 U	5 U	5 U	5 U
4-Nitrophenol	NA	NA	5 U	5 U	5 U	5 U	5 U
Acenaphthene	NA	NA	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	NA	NA	1 U	1 U	1 U	1 U	1 U
Anthracene	NA	NA	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	NA	NA	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	NA	NA	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	NA	NA	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	NA	NA	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	NA	NA	1 U	1 U	1 U	1 U	1 U
Benzoic Acid	NA	NA	10 U	10 U	10 U	50 U	50 U
Benzyl Alcohol	NA	NA	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	NA	NA	1 U	1 U	1 U	1 U	1 U
Bis-(2-Chloroethyl) ether	NA	NA	2 U	2 U	2 U	2 U	2 U
bis(2-Ethylhexyl)phthalate	NA	NA	1 U	1 U	1 U	4 U	4 U
Butylbenzylphthalate	NA	NA	1 U	1 U	1 U	1 U	1 U
Carbazole	NA	NA	1 U	1 U	1 U	1 U	1 U
Chrysene	NA	NA	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	NA	NA	1 U	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW034 AGW034-040608	AGW034 AGW034-041207	AGW035 AGW035-000314	AGW035 AGW035-001108	AGW035 AGW035-010518	AGW035 AGW035-011106	AGW035 AGW035-020520
Lab Sample ID:	GR93F	HL09F	BK07I	CK72E	DD17B	DU39B	EJ74E
Sampling Date:	6/8/2004	12/7/2004	3/14/2000	11/8/2000	5/18/2001	11/6/2001	5/20/2002
Dibenzofuran	NA	NA	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	NA	NA	1 U	1 U	1 U	1 U	1 U
Dimethylphthalate	NA	NA	1 U	1 U	1 U	1 U	1 U
Di-n-Butylphthalate	NA	NA	1 U	1 U	1 U	1 U	1 U
Di-n-Octyl phthalate	NA	NA	1 U	1 U	1 U	2 U	2 U
Fluoranthene	NA	NA	1 U	1 U	1 U	1 U	1 U
Fluorene	NA	NA	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	NA	NA	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	NA	NA	2 U	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	NA	NA	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	NA	NA	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-cd)pyrene	NA	NA	1 U	1 U	1 U	1 U	1 U
Isophorone	NA	NA	1 U	1 U	1 U	1 U	1 U
Naphthalene	NA	NA	1 U	1 U	1 U	1 U	1 U
Nitrobenzene	NA	NA	1 U	1 U	1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	NA	NA	2 U	2 U	2 U	2 U	2 U
N-Nitrosodiphenylamine	NA	NA	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	NA	NA	5 U	5 U	5 U	5 U	5 U
Phenanthrene	NA	NA	1 U	1 U	1 U	1 U	1 U
Phenol	NA	NA	2 U	2 U	2 U	2 U	2 U
Pyrene	NA	NA	1 U	1 U	1 U	1 U	1 U
PETROLEUM HYDROCARBONS							
NWTPH-Dx (mg/L)							
Diesel Range Hydrocarbons	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Jet-A	NA	NA	0.5 U	0.5 U	NA	NA	NA
Motor Oil	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)							
EPA Method 8260B (ug/L)							
1,1,1-Trichloroethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.025	0.03	1 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	1 U	1 U	5 U	1 U	1 U	1 U	1 U
2-Chloroethylvinylether	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	1 U	1 U	5 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone (MIBK)	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Acetone	3.2	9.2 U	5 U	1 U	1 U	1 U	1.7 U
Benzene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	0.2 U	0.2 U	1 U	0.5 U	0.5 U	0.2 U	0.2 U
Bromomethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW034 AGW034-040608	AGW034 AGW034-041207	AGW035 AGW035-000314	AGW035 AGW035-001108	AGW035 AGW035-010518	AGW035 AGW035-011106	AGW035 AGW035-020520
Lab Sample ID:	GR93F	HL09F	BK07I	CK72E	DD17B	DU39B	EJ74E
Sampling Date:	6/8/2004	12/7/2004	3/14/2000	11/8/2000	5/18/2001	11/6/2001	5/20/2002
Carbon Disulfide	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.5	0.6	1 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.4 U	0.4 U	1 U	0.4 U	0.4 U	0.4 U	0.4 U
Methylene Chloride	0.3 U	0.3 U	2 U	0.3 U	0.3 U	0.3 U	0.3 U
o-Xylene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	1.5	2.1	2.7	1.8	3.2	2.1	1.8
Trichlorofluoromethane	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	0.2 U	0.2 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	0.026	0.021	1 U	0.2 U	0.2 U	0.2 U	0.2 U

J = Indicates the analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

R, UR = Indicates the sample results for this analyte are rejected based upon Geomatrix data review. The presence or absence of this analyte cannot be verified.

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW035	AGW035	AGW035	AGW035	AGW035	AGW064
	AGW035-021125	AGW035-030521	AGW035-031217	AGW035-040603	AGW035-041201	AGW064-000313
Lab Sample ID:	FA10D	FM53H	GD88E	GR57B	HK38E	BJ92E
Sampling Date:	11/25/2002	5/21/2003	12/17/2003	6/3/2004	12/1/2004	3/13/2000
CONVENTIONAL CHEMISTRY PARAMETERS						
(mg/L Unless Otherwise Noted)						
Alkalinity (CaCO3)	NA	NA	73	72.8	74.9	NA
Chloride	NA	NA	2.7	2.8	3.1	NA
N-Ammonia	NA	NA	0.011	0.01 U	0.01 U	NA
Nitrate + Nitrite (NO3+NO2)	NA	NA	0.2	0.146	0.163	NA
N-Nitrate	NA	NA	0.2	0.146	0.163	NA
N-Nitrite	NA	NA	0.01 U	0.01 U	0.01 U	NA
Sulfate	NA	NA	12	11.1	12	NA
Sulfide	NA	NA	0.05 U	0.05 U	0.05 U	NA
Sulfite	NA	NA	NA	NA	1.5 U	NA
Total Dissolved Solids	NA	NA	120	123 J	130 J	NA
Total Organic Carbon	NA	NA	1.5 U	1.54	1.5 U	NA
Total Suspended Solids	NA	NA	1 U	1 U	1 UJ	NA
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA
TOTAL METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.28
Antimony	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001 U	0.001 U	0.001 U	0.001	0.001 U
Barium	0.006	0.005	0.004	0.003	0.004	0.017
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	17.4	16.3	16.9	16.9	NA	24.8
Chromium	0.015 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.003 U	0.003 U	0.003 U	0.003 U	NA	0.003 U
Copper	0.032	0.026	0.024	0.017	0.017	0.003
Iron	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.34
Lead	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium	5.65	5.36	5.36	5.49	NA	7.78
Manganese	0.001	0.001 U	0.001 U	0.001 U	0.011 J	0.285
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	2.7	2.5	2.5	2.4	NA	3.7
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	7.6	7.2	8	7.5	NA	14.7
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Zinc	0.02 J	0.013	0.014	0.006 U	0.006 U	0.007

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW035 AGW035-021125	AGW035 AGW035-030521	AGW035 AGW035-031217	AGW035 AGW035-040603	AGW035 AGW035-041201	AGW064 AGW064-000313
Lab Sample ID:	FA10D	FM53H	GD88E	GR57B	HK38E	BJ92E
Sampling Date:	11/25/2002	5/21/2003	12/17/2003	6/3/2004	12/1/2004	3/13/2000
DISSOLVED METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.02 U
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001 U	0.001 U	0.001	0.001 U	0.001 U
Barium	0.005	0.003 U	0.004	0.003 U	0.004	0.016
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	17.6	17.6	18	18.6	NA	25.3
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.004	0.003 U	0.003	0.003	NA	0.003 U
Copper	0.033	0.027	0.024	0.016	0.015	0.002 U
Hexavalent Chrome	0.01 U	UR	0.01 U	UR	UR	0.01 U
Iron	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.02 U
Lead	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium	5.76	5.64	5.85	5.86	NA	8.07
Manganese	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.277
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	2.7	2.4	2.8	2.8	NA	3.2
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	7.9	7.5	8.9	8.4	NA	15.4
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Zinc	0.011	0.008	0.01	0.006 U	0.007	0.006 U
POLYCHLORINATED BIPHENYLS (PCBs)						
EPA Method 8081 (ug/L)						
Aroclor 1016	1 U	1 U	NA	NA	NA	1 U
Aroclor 1221	2 U	2 U	NA	NA	NA	2 U
Aroclor 1232	1 U	1 U	NA	NA	NA	1 U
Aroclor 1242	1 U	1 U	NA	NA	NA	1 U
Aroclor 1248	1 U	1 U	NA	NA	NA	1 U
Aroclor 1254	1 U	1 U	NA	NA	NA	1 U
Aroclor 1260	1 U	1 U	NA	NA	NA	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW035	AGW035	AGW035	AGW035	AGW035	AGW064
	AGW035-021125	AGW035-030521	AGW035-031217	AGW035-040603	AGW035-041201	AGW064-000313
Lab Sample ID:	FA10D	FM53H	GD88E	GR57B	HK38E	BJ92E
Sampling Date:	11/25/2002	5/21/2003	12/17/2003	6/3/2004	12/1/2004	3/13/2000
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)						
EPA Method 8270 (ug/L)						
1,2,4-Trichlorobenzene	1 U	1 U	NA	1 U	NA	1 U
1,2-Dichlorobenzene	1 U	1 U	NA	1 U	NA	1 U
1,3-Dichlorobenzene	1 U	1 U	NA	1 U	NA	1 U
1,4-Dichlorobenzene	1 U	1 U	NA	1 U	NA	1 U
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	NA	1 U	NA	1 U
2,4,5-Trichlorophenol	5 U	5 U	NA	5 U	NA	5 U
2,4,6-Trichlorophenol	5 U	5 U	NA	5 U	NA	5 U
2,4-Dichlorophenol	3 U	3 U	NA	3 U	NA	3 U
2,4-Dimethylphenol	3 U	3 U	NA	3 U	NA	3 U
2,4-Dinitrophenol	25 U	25 U	NA	25 U	NA	10 U
2,4-Dinitrotoluene	5 U	5 U	NA	5 U	NA	5 U
2,6-Dinitrotoluene	5 U	5 U	NA	5 U	NA	5 U
2-Chloronaphthalene	1 U	1 U	NA	1 U	NA	1 U
2-Chlorophenol	1 U	1 U	NA	1 U	NA	1 U
2-Methylnaphthalene	1 U	1 U	NA	1 U	NA	1 U
2-Methylphenol	1 U	1 U	NA	1 U	NA	2 U
2-Nitroaniline	5 U	5 U	NA	5 U	NA	5 U
2-Nitrophenol	5 U	5 U	NA	5 U	NA	5 U
3,3'-Dichlorobenzidine	5 U	5 U	NA	5 U	NA	5 U
3-Nitroaniline	6 U	6 U	NA	6 U	NA	6 U
4,6-Dinitro-2-methylphenol	15 U	15 U	NA	15 U	NA	10 U
4-Bromophenyl-phenylether	1 U	1 U	NA	1 U	NA	1 U
4-Chloro-3-methylphenol	2 U	2 U	NA	2 U	NA	2 U
4-Chloroaniline	3 U	3 U	NA	3 U	NA	3 U
4-Chlorophenyl-phenylether	1 U	1 U	NA	1 U	NA	1 U
4-Methylphenol	1 U	1 U	NA	1 U	NA	1 U
4-Nitroaniline	5 U	5 U	NA	5 U	NA	5 U
4-Nitrophenol	5 U	5 U	NA	5 U	NA	5 U
Acenaphthene	1 U	1 U	NA	1 U	NA	1 U
Acenaphthylene	1 U	1 U	NA	1 U	NA	1 U
Anthracene	1 U	1 U	NA	1 U	NA	1 U
Benzo(a)anthracene	1 U	1 U	NA	1 U	NA	1 U
Benzo(a)pyrene	1 U	1 U	NA	1 U	NA	1 U
Benzo(b)fluoranthene	1 U	1 U	NA	1 U	NA	1 U
Benzo(g,h,i)perylene	1 U	1 U	NA	1 U	NA	1 U
Benzo(k)fluoranthene	1 U	1 U	NA	1 U	NA	1 U
Benzoic Acid	50 U	50 U	NA	10 U	NA	10 U
Benzyl Alcohol	5 U	5 U	NA	5 U	NA	5 U
bis(2-Chloroethoxy) methane	1 U	1 U	NA	1 U	NA	1 U
Bis-(2-Chloroethyl) ether	2 U	2 U	NA	2 U	NA	2 U
bis(2-Ethylhexyl)phthalate	4 U	1 U	NA	1 U	NA	1.1
Butylbenzylphthalate	1 U	1 U	NA	1 U	NA	1 U
Carbazole	1 U	1 U	NA	1 U	NA	1 U
Chrysene	1 U	1 U	NA	1 U	NA	1 U
Dibenz(a,h)anthracene	1 U	1 U	NA	1 U	NA	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW035	AGW035	AGW035	AGW035	AGW035	AGW064
	AGW035-021125	AGW035-030521	AGW035-031217	AGW035-040603	AGW035-041201	AGW064-000313
Lab Sample ID:	FA10D	FM53H	GD88E	GR57B	HK38E	BJ92E
Sampling Date:	11/25/2002	5/21/2003	12/17/2003	6/3/2004	12/1/2004	3/13/2000
Dibenzofuran	1 U	1 U	NA	1 U	NA	1 U
Diethylphthalate	1 U	1 U	NA	1 U	NA	1 U
Dimethylphthalate	1 U	1 U	NA	1 U	NA	1 U
Di-n-Butylphthalate	1 U	1 U	NA	1 U	NA	1 U
Di-n-Octyl phthalate	2 U	1 U	NA	1 U	NA	1 U
Fluoranthene	1 U	1 U	NA	1 U	NA	1 U
Fluorene	1 U	1 U	NA	1 U	NA	1 U
Hexachlorobenzene	1 U	1 U	NA	1 U	NA	1 U
Hexachlorobutadiene	2 U	2 U	NA	2 U	NA	2 U
Hexachlorocyclopentadiene	5 U	5 U	NA	5 U	NA	5 U
Hexachloroethane	2 U	2 U	NA	2 U	NA	2 U
Indeno(1,2,3-cd)pyrene	1 U	1 U	NA	1 U	NA	1 U
Isophorone	1 U	1 U	NA	1 U	NA	1 U
Naphthalene	1 U	1 U	NA	1 U	NA	1 U
Nitrobenzene	1 U	1 U	NA	1 U	NA	1 U
N-Nitroso-Di-N-Propylamine	2 U	2 U	NA	2 U	NA	2 U
N-Nitrosodiphenylamine	1 U	1 U	NA	1 U	NA	1 U
Pentachlorophenol	5 U	5 U	NA	5 U	NA	5 U
Phenanthrene	1 U	1 U	NA	1 U	NA	1 U
Phenol	2 U	2 U	NA	2 U	NA	2 U
Pyrene	1 U	1 U	NA	1 U	NA	1 U
PETROLEUM HYDROCARBONS						
NWTPH-Dx (mg/L)						
Diesel Range Hydrocarbons	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Jet-A	NA	NA	NA	NA	NA	0.5 U
Motor Oil	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)						
EPA Method 8260B (ug/L)						
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U
1,1-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.02 U	0.02 U	1 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
2-Butanone	1 U	1 U	1 U	1 U	1 U	5 U
2-Chloroethylvinylether	UR	UR	0.5 U	0.5 U	0.5 U	5 U
2-Hexanone	1 U	1 U	1 U	1 U	1 U	5 U
4-Methyl-2-Pentanone (MIBK)	1 U	1 U	1 U	1 U	1 U	5 U
Acetone	2.1 J	1 U	1 U	1 U	4.2 U	5 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Bromoform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Bromomethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW035	AGW035	AGW035	AGW035	AGW035	AGW064
	AGW035-021125	AGW035-030521	AGW035-031217	AGW035-040603	AGW035-041201	AGW064-000313
Lab Sample ID:	FA10D	FM53H	GD88E	GR57B	HK38E	BJ92E
Sampling Date:	11/25/2002	5/21/2003	12/17/2003	6/3/2004	12/1/2004	3/13/2000
Carbon Disulfide	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Chloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Chloromethane	0.2 U	0.2 U	0.2	0.2 U	0.2 U	1 U
cis-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Ethylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
m,p-Xylene	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	1 U
Methylene Chloride	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	2 U
o-Xylene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Styrene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Trichloroethene	1.6	1.4	1.5	1.5	1.4	1 U
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Vinyl Acetate	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	5 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.02 U	0.02 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW064 AGW064-001107	AGW064 AGW064-010518	AGW064 AGW064-011101	AGW064 AGW064-020520	AGW064 AGW064-021124	AGW064 AGW064-030519	AGW064 AGW064-031218
Lab Sample ID:	CK52B	DD17D	DT92B	EJ74B	FA02C	FM32C	GE07A
Sampling Date:	11/7/2000	5/18/2001	11/1/2001	5/20/2002	11/24/2002	5/19/2003	12/18/2003
CONVENTIONAL CHEMISTRY PARAMETERS							
(mg/L Unless Otherwise Noted)							
Alkalinity (CaCO3)	NA	NA	NA	NA	NA	NA	67
Chloride	NA	NA	NA	NA	NA	NA	1.4
N-Ammonia	NA	NA	NA	NA	NA	NA	0.01 U
Nitrate + Nitrite (NO3+NO2)	NA	NA	NA	NA	NA	NA	1.8
N-Nitrate	NA	NA	NA	NA	NA	NA	1.7
N-Nitrite	NA	NA	NA	NA	NA	NA	0.017
Sulfate	NA	NA	NA	NA	NA	NA	22
Sulfide	NA	NA	NA	NA	NA	NA	0.05 U
Sulfite	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NA	NA	NA	NA	NA	NA	150
Total Organic Carbon	NA	NA	NA	NA	NA	NA	1.5
Total Suspended Solids	NA	NA	NA	NA	NA	NA	46
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA	NA
TOTAL METALS							
EPA Method 6000/7000 Series (mg/L)							
Aluminum	0.96	1.05	2.49	0.48	1.19	1.1	1.78
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002	0.001
Barium	0.021	0.019	0.022	0.015	0.017	0.017	0.018
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	26	22.6	20.9	19.9	19	16.4	17.9
Chromium	0.006	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.003 U	0.003 U	0.003	0.003 U	0.003	0.003 U	0.003
Copper	0.004	0.002	0.004	0.002	0.002 U	0.002	0.006
Iron	1.17	1.68 J	2.53	0.65	1.21	2.08	2.55
Lead	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium	8.51	7.38	6.99	6.71	6.57	5.82	6.28
Manganese	0.364	0.252	0.265	0.289	0.296	0.23	0.369
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	3.8	3.4	3.15	2.9	3.1	2.6	2.7
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	13.4	12.7	11.7	13.3	11.5	12.1	10.2
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.004	0.006	0.008	0.004	0.003	0.006	0.008
Zinc	0.006 U	0.006 U	0.006	0.006 U	0.006	0.006 U	0.011

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW064 AGW064-001107	AGW064 AGW064-010518	AGW064 AGW064-011101	AGW064 AGW064-020520	AGW064 AGW064-021124	AGW064 AGW064-030519	AGW064 AGW064-031218
Lab Sample ID:	CK52B	DD17D	DT92B	EJ74B	FA02C	FM32C	GE07A
Sampling Date:	11/7/2000	5/18/2001	11/1/2001	5/20/2002	11/24/2002	5/19/2003	12/18/2003
DISSOLVED METALS							
EPA Method 6000/7000 Series (mg/L)							
Aluminum	0.02 U	0.03	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Barium	0.017	0.014	0.012	0.013	0.011	0.016	0.012
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	28.5	24.3	19.8	22	19.4	18.1	18.9
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Copper	0.002 U	0.002	0.002 U	0.002 U	0.002 U	0.002 U	0.002
Hexavalent Chrome	0.01 U	0.01 U	UR	UR	UR	0.011 U	0.01 U
Iron	0.02 U	0.06	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Lead	0.001 U	0.001 U	0.001 U	0.001	0.001 U	0.001 U	0.001 U
Magnesium	9.1	7.8	6.68	7.14	6.8	6.23	6.45
Manganese	0.362	0.229	0.202	0.271	0.175	0.224	0.256
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	3.5	3.6	3.05	2.9	3.1	2.8	2.9
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	13.7	13.2	11.1	13.5	12	13.4	11.2
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Zinc	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.01
POLYCHLORINATED BIPHENYLS (PCBs)							
EPA Method 8081 (ug/L)							
Aroclor 1016	1 U	1 U	1 U	1 U	1 U	1 U	NA
Aroclor 1221	2 U	2 U	2 U	2 U	2 U	2 U	NA
Aroclor 1232	1 U	1 U	1 U	1 U	1 U	1 U	NA
Aroclor 1242	1 U	1 U	1 U	1 U	1 U	1 U	NA
Aroclor 1248	1 U	1 U	1 U	1 U	1 U	1 U	NA
Aroclor 1254	1 U	1 U	1 U	1 U	1 U	1 U	NA
Aroclor 1260	1 U	1 U	1 U	1 U	1 U	1 U	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW064	AGW064	AGW064	AGW064	AGW064	AGW064	AGW064
	AGW064-001107	AGW064-010518	AGW064-011101	AGW064-020520	AGW064-021124	AGW064-030519	AGW064-031218
Lab Sample ID:	CK52B	DD17D	DT92B	EJ74B	FA02C	FM32C	GE07A
Sampling Date:	11/7/2000	5/18/2001	11/1/2001	5/20/2002	11/24/2002	5/19/2003	12/18/2003
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)							
EPA Method 8270 (ug/L)							
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	5 U	5 U	5 U	5.1 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5.1 U	5 U	5 U	5 U
2,4-Dichlorophenol	3 U	3 U	3 U	3.1 U	3 U	3 U	3 U
2,4-Dimethylphenol	3 U	3 U	3 U	3.1 U	3 U	3 U	3 U
2,4-Dinitrophenol	10 U	10 U	25 U	26 U	25 U	25 U	25 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5.1 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5.1 U	5 U	5 U	5 U
2-Chloronaphthalene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylphenol	2 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	5 U	5 U	5 U	5.1 U	5 U	5 U	5 U
2-Nitrophenol	5 U	5 U	5 U	5.1 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5.1 U	5 U	5 U	5 U
3-Nitroaniline	6 U	6 U	6 U	6.1 U	6 U	6 U	6 U
4,6-Dinitro-2-methylphenol	10 U	10 U	15 U	15 U	15 U	15 U	15 U
4-Bromophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	3 U	3 U	3 U	3.1 U	3 U	3 U	3 U
4-Chlorophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methylphenol	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroaniline	5 U	5 U	5 U	5.1 U	5 U	5 U	5 U
4-Nitrophenol	5 U	5 U	5 U	5.1 U	5 U	5 U	5 U
Acenaphthene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzoic Acid	10 U	10 U	50 U	51 U	50 U	50 U	10 U
Benzyl Alcohol	5 U	5 U	5 U	5.1 U	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bis-(2-Chloroethyl) ether	2 U	2 U	2 U	2 U	2 U	2 U	2 U
bis(2-Ethylhexyl)phthalate	2.2	1 U	4 U	4.1 U	4 U	1 U	1 U
Butylbenzylphthalate	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	1 U	1 U	1 U	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW064 AGW064-001107	AGW064 AGW064-010518	AGW064 AGW064-011101	AGW064 AGW064-020520	AGW064 AGW064-021124	AGW064 AGW064-030519	AGW064 AGW064-031218
Lab Sample ID:	CK52B	DD17D	DT92B	EJ74B	FA02C	FM32C	GE07A
Sampling Date:	11/7/2000	5/18/2001	11/1/2001	5/20/2002	11/24/2002	5/19/2003	12/18/2003
Dibenzofuran	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethylphthalate	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Butylphthalate	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Octyl phthalate	1 U	1 U	2 U	2 U	2 U	1 U	1 U
Fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5.1 U	5 U	5 U	5 U
Hexachloroethane	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-cd)pyrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Nitrobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	2 U	2 U	2 U	2 U	2 U	2 U	2 U
N-Nitrosodiphenylamine	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	5 U	5 U	5 U	5.1 U	5 U	5 U	5 U
Phenanthrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Phenol	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Pyrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
PETROLEUM HYDROCARBONS							
NWTPH-Dx (mg/L)							
Diesel Range Hydrocarbons	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Jet-A	0.5 U	NA	NA	NA	NA	NA	NA
Motor Oil	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)							
EPA Method 8260B (ug/L)							
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethylvinylether	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	UR	0.5 U
2-Hexanone	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone (MIBK)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromomethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW064 AGW064-001107	AGW064 AGW064-010518	AGW064 AGW064-011101	AGW064 AGW064-020520	AGW064 AGW064-021124	AGW064 AGW064-030519	AGW064 AGW064-031218
Lab Sample ID:	CK52B	DD17D	DT92B	EJ74B	FA02C	FM32C	GE07A
Sampling Date:	11/7/2000	5/18/2001	11/1/2001	5/20/2002	11/24/2002	5/19/2003	12/18/2003
Carbon Disulfide	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6	0.3
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Methylene Chloride	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
o-Xylene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5	0.3
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW064	AGW064	AGW064	AGW065	AGW065	AGW065	AGW065
	AGW064-040608	AGW064-041202	AGW064-050526	AGW065-000313	AGW065-001107	AGW065-010518	AGW065-011101
Lab Sample ID:	GR93A	HK52E	IC55C	BJ92F	CK52A	DD17E	DT92C
Sampling Date:	6/8/2004	12/2/2004	5/26/2005	3/13/2000	11/7/2000	5/18/2001	11/1/2001
CONVENTIONAL CHEMISTRY PARAMETERS							
(mg/L Unless Otherwise Noted)							
Alkalinity (CaCO3)	59.2	59.9	NA	NA	NA	NA	NA
Chloride	3.4	7.8	NA	NA	NA	NA	NA
N-Ammonia	0.03	0.014	NA	NA	NA	NA	NA
Nitrate + Nitrite (NO3+NO2)	3.5	4.65	NA	NA	NA	NA	NA
N-Nitrate	3.46	4.62	NA	NA	NA	NA	NA
N-Nitrite	0.036	0.035	NA	NA	NA	NA	NA
Sulfate	0.05 U	23.2	NA	NA	NA	NA	NA
Sulfide	146	0.05 U	NA	NA	NA	NA	NA
Sulfite	NA	1.5 U	NA	NA	NA	NA	NA
Total Dissolved Solids	1.67	176	NA	NA	NA	NA	NA
Total Organic Carbon	28.6	1.5 U	NA	NA	NA	NA	NA
Total Suspended Solids	NA	33.8	NA	NA	NA	NA	NA
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA	NA
TOTAL METALS							
EPA Method 6000/7000 Series (mg/L)							
Aluminum	1.59	NA	NA	0.72	1.34	3.42	2.94
Antimony	0.05 U	0.05 U	NA	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001 U	NA	0.023	0.02	0.031	0.025
Barium	0.016	0.019	NA	0.036	0.037	0.055	0.057
Beryllium	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	NA	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	19.5	NA	NA	11.5	20.3	20.9	23.7
Chromium	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.006	0.007
Cobalt	0.003 U	NA	NA	0.007	0.007	0.008	0.006
Copper	0.005	0.004	NA	0.003	0.004	0.009	0.009
Iron	2.62	2.43	NA	30.9	36.4	43.5 J	44.8
Lead	0.001	0.003	NA	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium	6.52	NA	NA	3.08	6.32	6.6	7.97
Manganese	0.348	0.455	NA	0.399	0.567	0.588	0.667
Mercury	0.0001 U	0.0001 U	NA	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	NA	NA	NA	7.2	7.6	7.8	6.84
Selenium	0.05 U	0.05 U	NA	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	NA	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	11.6	NA	NA	7.25	7.56	7.95	10.1
Thallium	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.008	0.007	NA	0.013	0.016	0.025	0.026
Zinc	0.007	0.009	NA	0.009	0.009	0.009	0.009

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW064	AGW064	AGW064	AGW065	AGW065	AGW065	AGW065
	AGW064-040608	AGW064-041202	AGW064-050526	AGW065-000313	AGW065-001107	AGW065-010518	AGW065-011101
Lab Sample ID:	GR93A	HK52E	IC55C	BJ92F	CK52A	DD17E	DT92C
Sampling Date:	6/8/2004	12/2/2004	5/26/2005	3/13/2000	11/7/2000	5/18/2001	11/1/2001
DISSOLVED METALS							
EPA Method 6000/7000 Series (mg/L)							
Aluminum	0.05 U	NA	NA	0.02 U	0.02 U	0.09	0.05 U
Antimony	0.05 U	0.05 U	NA	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.009	0.006
Barium	0.007	0.008	NA	0.016	0.015	0.026	0.026
Beryllium	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	NA	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	18.5	NA	NA	12	21.6	22.5	22.9
Chromium	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.003 U	NA	NA	0.007	0.006	0.006	0.005
Copper	0.002 U	0.002 U	NA	0.002 U	0.002 U	0.002 U	0.002 U
Hexavalent Chrome	0.011 U	0.011 U	NA	0.01 U	0.01 U	0.01	UR
Iron	0.05 U	0.05 U	NA	11.2	8.02	34.3	31.8
Lead	0.001	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium	6.12	NA	NA	3.19	6.67	6.8	7.81
Manganese	0.263	0.318	NA	0.412	0.598	0.628	0.655
Mercury	0.0001 U	0.0001 U	NA	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	3	NA	NA	7	7.9	7.7	6.6
Selenium		0.05 U	NA	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	NA	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	11	NA	NA	7.66	7.83	8.29	9.84
Thallium	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.003 U	0.003 U	NA	0.003 U	0.003 U	0.006	0.005
Zinc	0.006 U	0.006 U	NA	0.006 U	0.006 U	0.006 U	0.006 U
POLYCHLORINATED BIPHENYLS (PCBs)							
EPA Method 8081 (ug/L)							
Aroclor 1016	NA	NA	NA	1 U	1 U	1 U	1 U
Aroclor 1221	NA	NA	NA	2 U	2 U	2 U	2 U
Aroclor 1232	NA	NA	NA	1 U	1 U	1 U	1 U
Aroclor 1242	NA	NA	NA	1 U	1 U	1 U	1 U
Aroclor 1248	NA	NA	NA	1 U	1 U	1 U	1 U
Aroclor 1254	NA	NA	NA	1 U	1 U	1 U	1 U
Aroclor 1260	NA	NA	NA	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW064	AGW064	AGW064	AGW065	AGW065	AGW065	AGW065
	AGW064-040608	AGW064-041202	AGW064-050526	AGW065-000313	AGW065-001107	AGW065-010518	AGW065-011101
Lab Sample ID:	GR93A	HK52E	IC55C	BJ92F	CK52A	DD17E	DT92C
Sampling Date:	6/8/2004	12/2/2004	5/26/2005	3/13/2000	11/7/2000	5/18/2001	11/1/2001
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)							
EPA Method 8270 (ug/L)							
1,2,4-Trichlorobenzene	1 U	1 U	NA	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	NA	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	NA	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	NA	1 U	1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	NA	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	5 U	5 U	NA	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	NA	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	3 U	5 U	NA	3 U	3 U	3 U	3 U
2,4-Dimethylphenol	3 U	1 U	NA	3 U	3 U	3 U	3 U
2,4-Dinitrophenol	25 U	10 U	NA	10 U	10 U	10 U	25 U
2,4-Dinitrotoluene	5 U	5 U	NA	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	NA	5 U	5 U	5 U	5 U
2-Chloronaphthalene	1 U	1 U	NA	1 U	1 U	1 U	1 U
2-Chlorophenol	1 U	1 U	NA	1 U	1 U	1 U	1 U
2-Methylnaphthalene	1 U	1 U	NA	1 U	1 U	1 U	1 U
2-Methylphenol	1 U	1 U	NA	2 U	2 U	1 U	1 U
2-Nitroaniline	5 U	5 U	NA	5 U	5 U	5 U	5 U
2-Nitrophenol	5 U	5 U	NA	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	NA	5 U	5 U	5 U	5 U
3-Nitroaniline	6 U	5 U	NA	6 U	6 U	6 U	6 U
4,6-Dinitro-2-methylphenol	15 U	10 U	NA	10 U	10 U	10 U	15 U
4-Bromophenyl-phenylether	1 U	1 U	NA	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	2 U	5 U	NA	2 U	2 U	2 U	2 U
4-Chloroaniline	3 U	5 U	NA	3 U	3 U	3 U	3 U
4-Chlorophenyl-phenylether	1 U	1 U	NA	1 U	1 U	1 U	1 U
4-Methylphenol	1 U	1 U	NA	1 U	1 U	1 U	1 U
4-Nitroaniline	5 U	5 U	NA	5 U	5 U	5 U	5 U
4-Nitrophenol	5 U	5 U	NA	5 U	5 U	5 U	5 U
Acenaphthene	1 U	1 U	NA	1 U	1 U	1 U	1 U
Acenaphthylene	1 U	1 U	NA	1 U	1 U	1 U	1 U
Anthracene	1 U	1 U	NA	1 U	1 U	1 U	1 U
Benzo(a)anthracene	1 U	1 U	NA	1 U	1 U	1 U	1 U
Benzo(a)pyrene	1 U	1 U	NA	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	1 U	1 U	NA	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	1 U	1 U	NA	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	1 U	1 U	NA	1 U	1 U	1 U	1 U
Benzoic Acid	10 U	10 U	NA	10 U	10 U	10 U	50 U
Benzyl Alcohol	5 U	5 U	NA	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	1 U	1 U	NA	1 U	1 U	1 U	1 U
Bis-(2-Chloroethyl) ether	2 U	1 U	NA	2 U	2 U	2 U	2 U
bis(2-Ethylhexyl)phthalate	2.4	1 U	NA	1.5	1 U	1 U	4 U
Butylbenzylphthalate	1 U	1 U	NA	1 U	1 U	1 U	1 U
Carbazole	1 U	1 U	NA	1 U	1 U	1 U	1 U
Chrysene	1 U	1 U	NA	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	1 U	1 U	NA	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW064 AGW064-040608	AGW064 AGW064-041202	AGW064 AGW064-050526	AGW065 AGW065-000313	AGW065 AGW065-001107	AGW065 AGW065-010518	AGW065 AGW065-011101
Lab Sample ID:	GR93A	HK52E	IC55C	BJ92F	CK52A	DD17E	DT92C
Sampling Date:	6/8/2004	12/2/2004	5/26/2005	3/13/2000	11/7/2000	5/18/2001	11/1/2001
Dibenzofuran	1 U	1 U	NA	1 U	1 U	1 U	1 U
Diethylphthalate	1 U	1 U	NA	1 U	1 U	1 U	1 U
Dimethylphthalate	1 U	1 U	NA	1 U	1 U	1 U	1 U
Di-n-Butylphthalate	1 U	1 U	NA	1 U	1 U	1 U	1 U
Di-n-Octyl phthalate	1 U	1 U	NA	1 U	1 U	1 U	2 U
Fluoranthene	1 U	1 U	NA	1 U	1 U	1 U	1 U
Fluorene	1 U	1 U	NA	1 U	1 U	1 U	1 U
Hexachlorobenzene	1 U	1 U	NA	1 U	1 U	1 U	1 U
Hexachlorobutadiene	2 U	1 U	NA	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	5 U	5 U	NA	5 U	5 U	5 U	5 U
Hexachloroethane	2 U	1 U	NA	2 U	2 U	2 U	2 U
Indeno(1,2,3-cd)pyrene	1 U	1 U	NA	1 U	1 U	1 U	1 U
Isophorone	1 U	1 U	NA	1 U	1 U	1 U	1 U
Naphthalene	1 U	1 U	NA	1 U	1 U	1 U	1 U
Nitrobenzene	1 U	1 U	NA	1 U	1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	5 U	5 U	NA	2 U	2 U	2 U	2 U
N-Nitrosodiphenylamine	1 U	1 U	NA	1 U	1 U	1 U	1 U
Pentachlorophenol	2 U	5 U	NA	5 U	5 U	5 U	5 U
Phenanthrene	1 U	1 U	NA	1 U	1 U	1 U	1 U
Phenol		1 U	NA	2 U	2 U	2 U	2 U
Pyrene		1 U	NA	1 U	1 U	1 U	1 U
PETROLEUM HYDROCARBONS							
NWTPH-Dx (mg/L)							
Diesel Range Hydrocarbons	0.25 U	0.25 U	NA	0.25 U	0.25 U	0.25 U	0.25 U
Jet-A	NA	NA	NA	0.5 U	0.5 U	NA	NA
Motor Oil	0.5 U	0.5 U	NA	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)							
EPA Method 8260B (ug/L)							
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.3	0.9
1,1-Dichloroethene	0.039	0.026	0.057	1 U	0.2 U	0.2 U	0.4
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
2-Butanone	1 U	1 U	1.0 U	5 U	1 U	1 U	1 U
2-Chloroethylvinylether	UR	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	1 U	1 U	1.0 U	5 U	1 U	1 U	1 U
4-Methyl-2-Pentanone (MIBK)	1 U	1 U	1.0 U	5 U	1 U	1 U	1 U
Acetone	1.4	3 U	1.0 U	5 U	1 U	1 U	1 U
Benzene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Bromoform	0.2 U	0.2 U	0.2 U	1 U	0.5 U	0.5 U	0.2 U
Bromomethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW064 AGW064-040608	AGW064 AGW064-041202	AGW064 AGW064-050526	AGW065 AGW065-000313	AGW065 AGW065-001107	AGW065 AGW065-010518	AGW065 AGW065-011101
Lab Sample ID:	GR93A	HK52E	IC55C	BJ92F	CK52A	DD17E	DT92C
Sampling Date:	6/8/2004	12/2/2004	5/26/2005	3/13/2000	11/7/2000	5/18/2001	11/1/2001
Carbon Disulfide	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Chloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Chloroform	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.3	0.2 U	0.3	1 U	0.5	0.7	3.2
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.4 U	0.4 U	0.4 U	1 U	0.4 U	0.4 U	0.4 U
Methylene Chloride	0.3 U	0.3 U	0.3 U	2 U	0.3 U	0.3 U	0.3 U
o-Xylene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Styrene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	NA	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Trichloroethene	0.4	0.2	0.4	1 U	1.6	1.6	4.7
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	0.2 U	0.2 U	0.2 U	5 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	0.02 U	0.02 U	0.020 U	1 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW065 AGW065-020520	AGW065 AGW065-021124	AGW065 AGW065-030519	AGW065 AGW065-031218	AGW065 AGW065-040302	AGW065 AGW065-040607
Lab Sample ID:	EJ74A	FA02D	FM32D	GE07B	GJ51A	GR85D
Sampling Date:	5/20/2002	11/24/2002	5/19/2003	12/18/2003	3/2/2004	6/7/2004
CONVENTIONAL CHEMISTRY PARAMETERS						
(mg/L Unless Otherwise Noted)						
Alkalinity (CaCO3)	NA	NA	NA	84	82	66.9
Chloride	NA	NA	NA	1.5	3	10 U
N-Ammonia	NA	NA	NA	1.3	2.2	0.641
Nitrate + Nitrite (NO3+NO2)	NA	NA	NA	0.037	0.048	0.01 U
N-Nitrate	NA	NA	NA	0.018	0.048	0.01 U
N-Nitrite	NA	NA	NA	0.019	0.01 U	0.01 U
Sulfate	NA	NA	NA	38	33	25
Sulfide	NA	NA	NA	0.05 U	0.05 U	0.05 U
Sulfite	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NA	NA	NA	170	180	178
Total Organic Carbon	NA	NA	NA	6.6	7.1	9.13
Total Suspended Solids	NA	NA	NA	39	62	53.2
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA
TOTAL METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	1.74	2.1	2.92	0.51	1.07	0.61
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.037	0.021	0.026	0.015	0.01	0.019
Barium	0.045	0.036	0.041	0.023	0.026	0.027
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	17.9	19.6	18.6	14.2	14.8	17.2
Chromium	0.005	0.005 U	0.005	0.005 U	0.005 U	0.005 U
Cobalt	0.008	0.004	0.009	0.005	0.008	0.006
Copper	0.005	0.004	0.008	0.004	0.004	0.002
Iron	47.3	38.9	37.9	25.1	24.6	35.3
Lead	0.001	0.001 U	0.001 U	0.001 U	0.001 U	0.001
Magnesium	5.19	6.81	6.29	4.67	4.8	5.68
Manganese	0.577	0.55	0.573	0.409	0.49	0.456
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	7.4	6.3	6.8	5.6	7	5.3
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	8.58	8.9	9.1	9.1	8.2	9.1
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.025	0.019	0.024	0.011	0.011	0.014
Zinc	0.006 U	0.011	0.011	0.01	0.007	

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW065 AGW065-020520	AGW065 AGW065-021124	AGW065 AGW065-030519	AGW065 AGW065-031218	AGW065 AGW065-040302	AGW065 AGW065-040607
Lab Sample ID:	EJ74A	FA02D	FM32D	GE07B	GJ51A	GR85D
Sampling Date:	5/20/2002	11/24/2002	5/19/2003	12/18/2003	3/2/2004	6/7/2004
DISSOLVED METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.004	0.005	0.004	0.005	0.003	0.003
Barium	0.019	0.019	0.018	0.011	0.013	0.014
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	18.8	21.1	20.4	15.5	15.9	18
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.008	0.004	0.009	0.006	0.008	0.005
Copper	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Hexavalent Chrome	UR	UR	0.011 U	0.01 U	R	0.022
Iron	32.4	30.2	25	21.1	18.3	20.7
Lead	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium	5.35	7.17	6.49	5.09	5.23	6.05
Manganese	0.595	0.59	0.618	0.444	0.513	0.501
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	7.5	6.4	7.4	6.3	7.4	5.4
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	8.97	9.5	10	10.2	8.6	9.2
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.006	0.003 U	0.003	0.005	0.003	0.003 U
Zinc	0.006 U	0.006 U	0.006 U	0.007	0.006 U	0.006 U
POLYCHLORINATED BIPHENYLS (PCBs)						
EPA Method 8081 (ug/L)						
Aroclor 1016	1 U	1 U	1 U	NA	NA	NA
Aroclor 1221	2 U	2 U	2 U	NA	NA	NA
Aroclor 1232	1 U	1 U	1 U	NA	NA	NA
Aroclor 1242	1 U	1 U	1 U	NA	NA	NA
Aroclor 1248	1 U	1 U	1 U	NA	NA	NA
Aroclor 1254	1 U	1 U	1 U	NA	NA	NA
Aroclor 1260	1 U	1 U	1 U	NA	NA	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW065	AGW065	AGW065	AGW065	AGW065	AGW065
	AGW065-020520	AGW065-021124	AGW065-030519	AGW065-031218	AGW065-040302	AGW065-040607
Lab Sample ID:	EJ74A	FA02D	FM32D	GE07B	GJ51A	GR85D
Sampling Date:	5/20/2002	11/24/2002	5/19/2003	12/18/2003	3/2/2004	6/7/2004
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)						
EPA Method 8270 (ug/L)						
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	3 U	3 U	3 U	3 U	3 U	3 U
2,4-Dimethylphenol	3 U	3 U	3 U	3 U	3 U	3 U
2,4-Dinitrophenol	25 U	25 U	25 U	25 U	25 U	25 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylphenol	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	6 U	6 U	6 U	6 U	6 U	6 U
4,6-Dinitro-2-methylphenol	15 U	15 U	15 U	15 U	15 U	15 U
4-Bromophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	3 U	3 U	3 U	3 U	3 U	3 U
4-Chlorophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	1 U
4-Methylphenol	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroaniline	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitrophenol	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U
Benzoic Acid	50 U	50 U	50 U	10 U	10 U	10 U
Benzyl Alcohol	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	1 U	1 U	1 U	1 U	1 U	1 U
Bis-(2-Chloroethyl) ether	2 U	2 U	2 U	2 U	2 U	2 U
bis(2-Ethylhexyl)phthalate	4 U	4 U	1 U	1 U	1 U	1 U
Butylbenzylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	1 U	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	1 U	1 U	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW065 AGW065-020520	AGW065 AGW065-021124	AGW065 AGW065-030519	AGW065 AGW065-031218	AGW065 AGW065-040302	AGW065 AGW065-040607
Lab Sample ID:	EJ74A	FA02D	FM32D	GE07B	GJ51A	GR85D
Sampling Date:	5/20/2002	11/24/2002	5/19/2003	12/18/2003	3/2/2004	6/7/2004
Dibenzofuran	1 U	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Dimethylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Butylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Octyl phthalate	2 U	2 U	1 U	1 U	1 U	1 U
Fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	2 U	2 U	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	2 U	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-cd)pyrene	1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	1 U	1 U	1 U	1 U	1 U	1 U
Nitrobenzene	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	2 U	2 U	2 U	2 U	2 U	2 U
N-Nitrosodiphenylamine	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	1 U	1 U	1 U	1 U	1 U	1 U
Phenol	2 U	2 U	2 U	2 U	2 U	1 U
Pyrene	1 U	1 U	1 U	1 U	1 U	
PETROLEUM HYDROCARBONS						
NWTPH-Dx (mg/L)						
Diesel Range Hydrocarbons	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Jet-A	NA	NA	NA	NA	NA	NA
Motor Oil	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)						
EPA Method 8260B (ug/L)						
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.4	0.3	0.3	0.2 U	0.2 U	0.3
1,1-Dichloroethene	0.2	0.2 U	0.2 U	0.2 U	0.02 U	0.13
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	1 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethylvinylether	0.5 U	0.5 U	UR	0.5 U	0.5 U	0.5 U
2-Hexanone	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone (MIBK)	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	1.7 U	2.8 U	2.8	1 U	1 U	1
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromomethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW065 AGW065-020520	AGW065 AGW065-021124	AGW065 AGW065-030519	AGW065 AGW065-031218	AGW065 AGW065-040302	AGW065 AGW065-040607
Lab Sample ID:	EJ74A	FA02D	FM32D	GE07B	GJ51A	GR85D
Sampling Date:	5/20/2002	11/24/2002	5/19/2003	12/18/2003	3/2/2004	6/7/2004
Carbon Disulfide	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	1.3	1.2	1.3	0.4	0.3	1.4
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Methylene Chloride	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
o-Xylene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	2.7	2.5	3	1.3	0.7	3.7
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.042	0.02 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW065 AGW065-040817	AGW065 AGW065-041202	AGW065 AGW065-050526
Lab Sample ID:	GY66B	HK52D	IC55D
Sampling Date:	8/17/2004	12/2/2004	5/26/2005
CONVENTIONAL CHEMISTRY PARAMETERS			
(mg/L Unless Otherwise Noted)			
Alkalinity (CaCO3)	98.2	49.5	NA
Chloride	3.7	3.4	NA
N-Ammonia	0.811	0.78	NA
Nitrate + Nitrite (NO3+NO2)	0.016 J	0.019	NA
N-Nitrate	0.016 J	0.019	NA
N-Nitrite	0.01 UJ	0.01 U	NA
Sulfate	28.3	22.6	NA
Sulfide	0.05 U	0.05 U	NA
Sulfite	1.7 U	1.5 U	NA
Total Dissolved Solids	189	165	NA
Total Organic Carbon	3.64	4	NA
Total Suspended Solids	16.7	44.2	NA
Total Organic Carbon (%)	NA	NA	NA
Total Solids (%)	NA	NA	NA
TOTAL METALS			
EPA Method 6000/7000 Series (mg/L)			
Aluminum	0.22	NA	NA
Antimony	0.05 U	0.05 U	NA
Arsenic	0.007	0.009	NA
Barium	0.017	0.017	NA
Beryllium	0.001 U	0.001 U	NA
Cadmium	0.002 U	0.002 U	NA
Calcium	17.3	NA	NA
Chromium	0.005 U	0.005 U	NA
Cobalt	0.006	NA	NA
Copper	0.002 U	0.002	NA
Iron	22.4	19.9	NA
Lead	0.001 U	0.001 U	NA
Magnesium	5.71	NA	NA
Manganese	0.488	0.286	NA
Mercury	0.0001 U	0.0001 U	NA
Nickel	0.01 U	0.01 U	NA
Potassium	4.9	NA	NA
Selenium	0.05 U	0.05 U	NA
Silver	0.003 U	0.003 U	NA
Sodium	9	NA	NA
Thallium	0.001 U	0.001 U	NA
Vanadium	0.006	0.007	NA
Zinc	0.006 U	0.006 U	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW065 AGW065-040817	AGW065 AGW065-041202	AGW065 AGW065-050526
Lab Sample ID:	GY66B	HK52D	IC55D
Sampling Date:	8/17/2004	12/2/2004	5/26/2005
DISSOLVED METALS			
EPA Method 6000/7000 Series (mg/L)			
Aluminum	0.05 U	NA	NA
Antimony	0.05 U	0.05 U	NA
Arsenic	0.003	0.003	NA
Barium	0.014	0.013	NA
Beryllium	0.001 U	0.001 U	NA
Cadmium	0.002 U	0.002 U	NA
Calcium	18.2	NA	NA
Chromium	0.005 U	0.005 U	NA
Cobalt	0.006	NA	NA
Copper	0.002 U	0.002 U	NA
Hexavalent Chrome	0.011 U	0.011 U	NA
Iron	17.7	15.1	NA
Lead	0.001 U	0.001 U	NA
Magnesium	5.51	NA	NA
Manganese	0.47	0.328	NA
Mercury	0.0001 U	0.0001 U	NA
Nickel	0.01 U	0.01 U	NA
Potassium	5.6	NA	NA
Selenium	0.05 U	0.05 U	NA
Silver	0.003 U	0.003 U	NA
Sodium	9.3	NA	NA
Thallium	0.001 U	0.001 U	NA
Vanadium	0.003 U	0.003 U	NA
Zinc	0.006	0.006 U	NA
POLYCHLORINATED BIPHENYLS (PCBs)			
EPA Method 8081 (ug/L)			
Aroclor 1016	NA	NA	NA
Aroclor 1221	NA	NA	NA
Aroclor 1232	NA	NA	NA
Aroclor 1242	NA	NA	NA
Aroclor 1248	NA	NA	NA
Aroclor 1254	NA	NA	NA
Aroclor 1260	NA	NA	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW065 AGW065-040817	AGW065 AGW065-041202	AGW065 AGW065-050526
Lab Sample ID:	GY66B	HK52D	IC55D
Sampling Date:	8/17/2004	12/2/2004	5/26/2005
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)			
EPA Method 8270 (ug/L)			
1,2,4-Trichlorobenzene	1 U	1 U	NA
1,2-Dichlorobenzene	1 U	1 U	NA
1,3-Dichlorobenzene	1 U	1 U	NA
1,4-Dichlorobenzene	1 U	1 U	NA
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	NA
2,4,5-Trichlorophenol	5 U	5 U	NA
2,4,6-Trichlorophenol	5 U	5 U	NA
2,4-Dichlorophenol	3 U	5 U	NA
2,4-Dimethylphenol	3 U	1 U	NA
2,4-Dinitrophenol	25 U	10 U	NA
2,4-Dinitrotoluene	5 U	5 U	NA
2,6-Dinitrotoluene	5 U	5 U	NA
2-Chloronaphthalene	1 U	1 U	NA
2-Chlorophenol	1 U	1 U	NA
2-Methylnaphthalene	1 U	1 U	NA
2-Methylphenol	1 U	1 U	NA
2-Nitroaniline	5 U	5 U	NA
2-Nitrophenol	5 U	5 U	NA
3,3'-Dichlorobenzidine	5 U	5 U	NA
3-Nitroaniline	6 U	5 U	NA
4,6-Dinitro-2-methylphenol	15 U	10 U	NA
4-Bromophenyl-phenylether	1 U	1 U	NA
4-Chloro-3-methylphenol	2 U	5 U	NA
4-Chloroaniline	3 U	5 U	NA
4-Chlorophenyl-phenylether	1 U	1 U	NA
4-Methylphenol	1 U	1 U	NA
4-Nitroaniline	5 U	5 U	NA
4-Nitrophenol	5 U	5 U	NA
Acenaphthene	1 U	1 U	NA
Acenaphthylene	1 U	1 U	NA
Anthracene	1 U	1 U	NA
Benzo(a)anthracene	1 U	1 U	NA
Benzo(a)pyrene	1 U	1 U	NA
Benzo(b)fluoranthene	1 U	1 U	NA
Benzo(g,h,i)perylene	1 U	1 U	NA
Benzo(k)fluoranthene	1 U	1 U	NA
Benzoic Acid	10 U	10 U	NA
Benzyl Alcohol	5 U	5 U	NA
bis(2-Chloroethoxy) methane	1 U	1 U	NA
Bis-(2-Chloroethyl) ether	2 U	1 U	NA
bis(2-Ethylhexyl)phthalate	1 U	1 U	NA
Butylbenzylphthalate	1 U	1 U	NA
Carbazole	1 U	1 U	NA
Chrysene	1 U	1 U	NA
Dibenz(a,h)anthracene	1 U	1 U	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW065 AGW065-040817	AGW065 AGW065-041202	AGW065 AGW065-050526
Lab Sample ID:	GY66B	HK52D	IC55D
Sampling Date:	8/17/2004	12/2/2004	5/26/2005
Dibenzofuran	1 U	1 U	NA
Diethylphthalate	1 U	1 U	NA
Dimethylphthalate	1 U	1 U	NA
Di-n-Butylphthalate	1 U	1 U	NA
Di-n-Octyl phthalate	1 U	1 U	NA
Fluoranthene	1 U	1 U	NA
Fluorene	1 U	1 U	NA
Hexachlorobenzene	1 U	1 U	NA
Hexachlorobutadiene	2 U	1 U	NA
Hexachlorocyclopentadiene	5 U	5 U	NA
Hexachloroethane	2 U	1 U	NA
Indeno(1,2,3-cd)pyrene	1 U	1 U	NA
Isophorone	1 U	1 U	NA
Naphthalene	1 U	1 U	NA
Nitrobenzene	1 U	1 U	NA
N-Nitroso-Di-N-Propylamine	2 U	5 U	NA
N-Nitrosodiphenylamine	1 U	1 U	NA
Pentachlorophenol	5 U	5 U	NA
Phenanthrene	1 U	1 U	NA
Phenol	2 U	1 U	NA
Pyrene	1 U	1 U	NA
PETROLEUM HYDROCARBONS			
NWTPH-Dx (mg/L)			
Diesel Range Hydrocarbons	0.25 U	0.25 U	NA
Jet-A	NA	NA	NA
Motor Oil	0.5 U	0.5 U	NA
VOLATILE ORGANIC COMPOUNDS (VOCs)			
EPA Method 8260B (ug/L)			
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.07	0.028	0.031
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U
2-Butanone	1 U	1 U	1.0 U
2-Chloroethylvinylether	0.5 U	0.5 U	0.5 U
2-Hexanone	1 U	1 U	1.0 U
4-Methyl-2-Pentanone (MIBK)	1 U	1 U	1.0 U
Acetone	2	1.9 U	1.0 U
Benzene	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U
Bromoform	0.2 U	0.2 U	0.2 U
Bromomethane	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW065 AGW065-040817	AGW065 AGW065-041202	AGW065 AGW065-050526
Lab Sample ID:	GY66B	HK52D	IC55D
Sampling Date:	8/17/2004	12/2/2004	5/26/2005
Carbon Disulfide	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.2 U	0.2 U	0.2 U
Chloroethane	0.2 U	0.2 U	0.2 U
Chloroform	0.2 U	0.2 U	0.2 U
Chloromethane	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.4	0.2 U	0.2
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.4 U	0.4 U	0.4 U
Methylene Chloride	0.3 U	0.3 U	0.3 U
o-Xylene	0.2 U	0.2 U	0.2 U
Styrene	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U
Trichloroethene	1.7	0.9	0.9
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U
Vinyl Acetate	0.2 U	0.2 U	0.2 U
Vinyl Chloride	0.02 U	0.02 U	0.020 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW080 AGW080-000314	AGW080 AGW080-001108	AGW080 AGW080-010516	AGW080 AGW080-011102	AGW080 AGW080-020517	AGW080 AGW080-021122
Lab Sample ID:	BK07A	CK72A	DC91A	DU11A	EJ60D	EZ98D
Sampling Date:	3/14/2000	11/8/2000	5/16/2001	11/2/2001	5/17/2002	11/22/2002
CONVENTIONAL CHEMISTRY PARAMETERS						
(mg/L Unless Otherwise Noted)						
Alkalinity (CaCO3)	NA	NA	NA	NA	NA	NA
Chloride	NA	NA	NA	NA	NA	NA
N-Ammonia	NA	NA	NA	NA	NA	NA
Nitrate + Nitrite (NO3+NO2)	NA	NA	NA	NA	NA	NA
N-Nitrate	NA	NA	NA	NA	NA	NA
N-Nitrite	NA	NA	NA	NA	NA	NA
Sulfate	NA	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA	NA	NA
Sulfite	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA
TOTAL METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.41	0.38	0.62	1	0.1 J	0.14
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.005	0.007	0.006	0.005	0.003	0.001
Barium	0.025	0.008	0.008	0.016	0.031	0.022
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	66.6	19.6	15.8	33.5	91.4	61.5
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Copper	0.005	0.007	0.005	0.005	0.002 U	0.003
Iron	34.4	9.55	6.5 J	13.5	75.1	22.5
Lead	0.001 U	0.001 U	0.001	0.001 U	0.001 U	0.001 U
Magnesium	18.9	6.31	5.27	11.3	24.6	20.2
Manganese	0.306	0.092	0.07	0.16	0.455	0.261
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	5.5	3.2	2.5	3.95	5.8	5
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	13.1	7.63	6.03	8.91	13.9	12.3
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.018	0.006	0.006	0.009	0.017	0.009
Zinc	0.024	0.01	0.016	0.02	0.009	0.006 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW080 AGW080-000314	AGW080 AGW080-001108	AGW080 AGW080-010516	AGW080 AGW080-011102	AGW080 AGW080-020517	AGW080 AGW080-021122
Lab Sample ID:	BK07A	CK72A	DC91A	DU11A	EJ60D	EZ98D
Sampling Date:	3/14/2000	11/8/2000	5/16/2001	11/2/2001	5/17/2002	11/22/2002
DISSOLVED METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.002	0.005	0.001	0.002	0.001
Barium	0.014	0.003 U	0.006	0.012	0.03	0.02
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	66.8	20.4	18.6	34.3	89.5	63.1
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Copper	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Hexavalent Chrome	0.01 U	0.01 U	0.01 UJ	UR	0.01 U	UR
Iron	0.08	0.27	7.31	13.4	72.2	23.2
Lead	0.002 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U
Magnesium	18.9	6.64	6.15	11.5	23.7	20.8
Manganese	0.301	0.091	0.081	0.16	0.443	0.268
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	5.2	3.1	2.9	3.97	5.7	5.1
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	12.9	7.81	6.7	8.96	13.6	12.4
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U
Vanadium	0.003 U	0.003 U	0.003	0.005	0.016	0.008
Zinc	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
POLYCHLORINATED BIPHENYLS (PCBs)						
EPA Method 8081 (ug/L)						
Aroclor 1016	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1221	2 U	2 U	2 U	2 U	2 U	2 U
Aroclor 1232	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1242	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1248	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1254	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1260	1 U	1 U	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW080	AGW080	AGW080	AGW080	AGW080	AGW080
	AGW080-000314	AGW080-001108	AGW080-010516	AGW080-011102	AGW080-020517	AGW080-021122
Lab Sample ID:	BK07A	CK72A	DC91A	DU11A	EJ60D	EZ98D
Sampling Date:	3/14/2000	11/8/2000	5/16/2001	11/2/2001	5/17/2002	11/22/2002
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)						
EPA Method 8270 (ug/L)						
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	3 U	3 U	3 U	3 U	3 U	3 U
2,4-Dimethylphenol	3 U	3 U	3 U	3 U	3 U	3 U
2,4-Dinitrophenol	10 U	10 U	10 U	25 U	25 U	25 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylphenol	2 U	2 U	1 U	1 U	1 U	1 U
2-Nitroaniline	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	6 U	6 U	6 U	6 U	6 U	6 U
4,6-Dinitro-2-methylphenol	10 U	10 U	10 U	15 U	15 U	15 U
4-Bromophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	3 U	3 U	3 U	3 U	3 U	3 U
4-Chlorophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	1 U
4-Methylphenol	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroaniline	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitrophenol	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U
Benzoic Acid	10 U	10 U	10 U	50 U	50 U	50 U
Benzyl Alcohol	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	1 U	1 U	1 U	1 U	1 U	1 U
Bis-(2-Chloroethyl) ether	2 U	2 U	2 U	2 U	2 U	2 U
bis(2-Ethylhexyl)phthalate	1 U	1.4	1 U	4 U	4 U	4 U
Butylbenzylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	1 U	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	1 U	1 U	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW080 AGW080-000314	AGW080 AGW080-001108	AGW080 AGW080-010516	AGW080 AGW080-011102	AGW080 AGW080-020517	AGW080 AGW080-021122
Lab Sample ID:	BK07A	CK72A	DC91A	DU11A	EJ60D	EZ98D
Sampling Date:	3/14/2000	11/8/2000	5/16/2001	11/2/2001	5/17/2002	11/22/2002
Dibenzofuran	1 U	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Dimethylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Butylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Octyl phthalate	1 U	1 U	1 U	2 U	2 U	2 U
Fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	2 U	2 U	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	2 U	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-cd)pyrene	1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	1 U	1 U	1 U	1 U	1 U	1 U
Nitrobenzene	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	2 U	2 U	2 U	2 U	2 U	2 U
N-Nitrosodiphenylamine	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	1 U	1 U	1 U	1 U	1 U	1 U
Phenol	2 U	2 U	2 U	2 U	2 U	2 U
Pyrene	1 U	1 U	1 U	1 U	1 U	1 U
PETROLEUM HYDROCARBONS						
NWTPH-Dx (mg/L)						
Diesel Range Hydrocarbons	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Jet-A	0.5 U	0.5 U	NA	NA	NA	NA
Motor Oil	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)						
EPA Method 8260B (ug/L)						
1,1,1-Trichloroethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	5 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethylvinylether	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone (MIBK)	5 U	1 U	1 U	1 U	1 U	1 U
Acetone	5 U	2.4 U	1 U	1 U	1 U	1 U
Benzene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	1 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U
Bromomethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW080 AGW080-000314	AGW080 AGW080-001108	AGW080 AGW080-010516	AGW080 AGW080-011102	AGW080 AGW080-020517	AGW080 AGW080-021122
Lab Sample ID:	BK07A	CK72A	DC91A	DU11A	EJ60D	EZ98D
Sampling Date:	3/14/2000	11/8/2000	5/16/2001	11/2/2001	5/17/2002	11/22/2002
Carbon Disulfide	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	1 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Methylene Chloride	2 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
o-Xylene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Styrene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	1 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW080 AGW080-030521	AGW080 AGW080-040602	AGW080 AGW080-041130	AGW081 AGW081-000314	AGW081 AGW081-001108	AGW081 AGW081FF-001108
Lab Sample ID:	FM53A	GR48A	HK28D	BK07B	CK72B	CK72Q
Sampling Date:	5/21/2003	6/2/2004	11/30/2004	3/14/2000	11/8/2000	11/8/2000
CONVENTIONAL CHEMISTRY PARAMETERS						
(mg/L Unless Otherwise Noted)						
Alkalinity (CaCO3)	NA	163	305	NA	NA	NA
Chloride	NA	4	4.1	NA	NA	NA
N-Ammonia	NA	2.1	1.98	NA	NA	NA
Nitrate + Nitrite (NO3+NO2)	NA	0.011 UR		NA	NA	NA
N-Nitrate	NA	0.011 UR		NA	NA	NA
N-Nitrite	NA	0.01 U UR		NA	NA	NA
Sulfate	NA	11.9	3.4	NA	NA	NA
Sulfide	NA	0.05 U	0.05 U	NA	NA	NA
Sulfite	NA	NA	1.5 U	NA	NA	NA
Total Dissolved Solids	NA	246	376	NA	NA	NA
Total Organic Carbon	NA	14.7	20.5	NA	NA	NA
Total Suspended Solids	NA	6	8	NA	NA	NA
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA
TOTAL METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.07	0.17	NA	19.3	8.38	NA
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	NA
Arsenic	0.001 U	0.001	0.001 U	0.008	0.01	NA
Barium	0.033	0.015	0.023	0.072	0.042	NA
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	NA
Calcium	72.9	35.5	NA	27.2	36.1	NA
Chromium	0.005 U	0.005 U	0.005 U	0.012	0.006	NA
Cobalt	0.003 U	0.003 U	NA	0.005	0.004	NA
Copper	0.002 U	0.002 U	0.003	0.033	0.016	NA
Iron	35.6	12.1	16.7	22.5	11.9	NA
Lead	0.001 U	0.001 U	0.001 U	0.004	0.004	NA
Magnesium	21.4	11.5	NA	9.42	12	NA
Manganese	0.343	0.156	0.261 J	0.445	0.813	NA
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001	0.0001 U	NA
Nickel	0.01 U	0.01 U	0.01 U	0.01	0.01 U	NA
Potassium	6	4.4	NA	2.9	3.7	NA
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	NA
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	NA
Sodium	15.7	10	NA	7.73	7.46	NA
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Vanadium	0.027	0.012	0.014	0.051	0.019	NA
Zinc	0.006 U	0.008	0.006 U	0.039	0.011	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW080 AGW080-030521	AGW080 AGW080-040602	AGW080 AGW080-041130	AGW081 AGW081-000314	AGW081 AGW081-001108	AGW081 AGW081FF-001108
Lab Sample ID:	FM53A	GR48A	HK28D	BK07B	CK72B	CK72Q
Sampling Date:	5/21/2003	6/2/2004	11/30/2004	3/14/2000	11/8/2000	11/8/2000
DISSOLVED METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.05 U	0.05 U		0.03	0.02 U	0.02 U
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001	0.001 U	0.001	0.002	0.005
Barium	0.029	0.014	0.023	0.007	0.013	0.015
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	74.8	37.7	NA	19.7	36.2	36.6
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.003 U	0.003 U	NA	0.003 U	0.003 U	0.003
Copper	0.002 U	0.008	0.002 U	0.007	0.008	0.005
Hexavalent Chrome	UR	0.022 J	UR	0.01 U	0.01 U	NA
Iron	34.5	12.4	16.9	0.13	1.65	4.66
Lead	0.001 U	0.002	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium	21.7	12.3	NA	6.66	12.3	12.3
Manganese	0.345	0.177	0.267 J	0.326	0.852	0.866
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	5.7	4.6	NA	1.7	3.3	3.4
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	15.6	10.8	NA	4.92	6.58	6.59
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.026	0.011	0.013	0.003 U	0.003 U	0.004
Zinc	0.006 U	0.019	0.006 U	0.006 U	0.006 U	0.006 U
POLYCHLORINATED BIPHENYLS (PCBs)						
EPA Method 8081 (ug/L)						
Aroclor 1016	1 U	NA	NA	1 U	1 U	NA
Aroclor 1221	2 U	NA	NA	2 U	2 U	NA
Aroclor 1232	1 U	NA	NA	1 U	1 U	NA
Aroclor 1242	1 U	NA	NA	1 U	1 U	NA
Aroclor 1248	1 U	NA	NA	1 U	1 U	NA
Aroclor 1254	1 U	NA	NA	1 U	1 U	NA
Aroclor 1260	1 U	NA	NA	1 U	1 U	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW080 AGW080-030521	AGW080 AGW080-040602	AGW080 AGW080-041130	AGW081 AGW081-000314	AGW081 AGW081-001108	AGW081 AGW081FF-001108
Lab Sample ID:	FM53A	GR48A	HK28D	BK07B	CK72B	CK72Q
Sampling Date:	5/21/2003	6/2/2004	11/30/2004	3/14/2000	11/8/2000	11/8/2000
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)						
EPA Method 8270 (ug/L)						
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	NA
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	NA
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	NA
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	NA
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	1 U	1 U	1 U	NA
2,4,5-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	NA
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	NA
2,4-Dichlorophenol	3 U	3 U	5 U	3 U	3 U	NA
2,4-Dimethylphenol	3 U	3 U	1 U	3 U	3 U	NA
2,4-Dinitrophenol	25 U	25 U	10 U	10 U	10 U	NA
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	NA
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	NA
2-Chloronaphthalene	1 U	1 U	1 U	1 U	1 U	NA
2-Chlorophenol	1 U	1 U	1 U	1 U	1 U	NA
2-Methylnaphthalene	1 U	1 U	1 U	1 U	1 U	NA
2-Methylphenol	1 U	1 U	1 U	2 U	2 U	NA
2-Nitroaniline	5 U	5 U	5 U	5 U	5 U	NA
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U	NA
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U	NA
3-Nitroaniline	6 U	6 U	5 U	6 U	6 U	NA
4,6-Dinitro-2-methylphenol	15 U	15 U	10 U	10 U	10 U	NA
4-Bromophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	NA
4-Chloro-3-methylphenol	2 U	2 U	5 U	2 U	2 U	NA
4-Chloroaniline	3 U	3 U	5 U	3 U	3 U	NA
4-Chlorophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	NA
4-Methylphenol	1 U	1 U	1 U	1 U	1 U	NA
4-Nitroaniline	5 U	5 U	5 U	5 U	5 U	NA
4-Nitrophenol	5 U	5 U	5 U	5 U	5 U	NA
Acenaphthene	1 U	1 U	1 U	1 U	1 U	NA
Acenaphthylene	1 U	1 U	1 U	1 U	1 U	NA
Anthracene	1 U	1 U	1 U	1 U	1 U	NA
Benzo(a)anthracene	1 U	1 U	1 U	1 U	1 U	NA
Benzo(a)pyrene	1 U	1 U	1 U	1 U	1 U	NA
Benzo(b)fluoranthene	1 U	1 U	1 U	1 U	1 U	NA
Benzo(g,h,i)perylene	1 U	1 U	1 U	1 U	1 U	NA
Benzo(k)fluoranthene	1 U	1 U	1 U	1 U	1 U	NA
Benzoic Acid	50 U	10 U	10 U	10 U	10 U	NA
Benzyl Alcohol	5 U	5 U	5 U	5 U	5 U	NA
bis(2-Chloroethoxy) methane	1 U	1 U	1 U	1 U	1 U	NA
Bis-(2-Chloroethyl) ether	2 U	2 U	1 U	2 U	2 U	NA
bis(2-Ethylhexyl)phthalate	4.4	1 U	1.2	1.1	2.4	NA
Butylbenzylphthalate	1 U	1 U	1 U	1 U	1 U	NA
Carbazole	1 U	1 U	1 U	1 U	1 U	NA
Chrysene	1 U	1 U	1 U	1 U	1 U	NA
Dibenz(a,h)anthracene	1 U	1 U	1 U	1 U	1 U	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW080 AGW080-030521	AGW080 AGW080-040602	AGW080 AGW080-041130	AGW081 AGW081-000314	AGW081 AGW081-001108	AGW081 AGW081FF-001108
Lab Sample ID:	FM53A	GR48A	HK28D	BK07B	CK72B	CK72Q
Sampling Date:	5/21/2003	6/2/2004	11/30/2004	3/14/2000	11/8/2000	11/8/2000
Dibenzofuran	1 U	1 U	1 U	1 U	1 U	NA
Diethylphthalate	1 U	1 U	1 U	1 U	1 U	NA
Dimethylphthalate	1 U	1 U	1 U	1 U	1 U	NA
Di-n-Butylphthalate	1 U	1 U	1 U	1 U	1 U	NA
Di-n-Octyl phthalate	1 U	1 U	1 U	1 U	1 U	NA
Fluoranthene	1 U	1 U	1 U	1 U	1 U	NA
Fluorene	1 U	1 U	1 U	1 U	1 U	NA
Hexachlorobenzene	1 U	1 U	1 U	1 U	1 U	NA
Hexachlorobutadiene	2 U	2 U	1 U	2 U	2 U	NA
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U	NA
Hexachloroethane	2 U	2 U	1 U	2 U	2 U	NA
Indeno(1,2,3-cd)pyrene	1 U	1 U	1 U	1 U	1 U	NA
Isophorone	1 U	1 U	1 U	1 U	1 U	NA
Naphthalene	1 U	1 U	1 U	1 U	1 U	NA
Nitrobenzene	1 U	1 U	1 U	1 U	1 U	NA
N-Nitroso-Di-N-Propylamine	2 U	2 U	5 U	2 U	2 U	NA
N-Nitrosodiphenylamine	1 U	1 U	1 U	1 U	1 U	NA
Pentachlorophenol	5 U	5 U	5 U	5 U	5 U	NA
Phenanthrene	1 U	1 U	1 U	1 U	1 U	NA
Phenol	2 U	2 U	1 U	2 U	2 U	NA
Pyrene	1 U	1 U	1 U	1 U	1 U	NA
PETROLEUM HYDROCARBONS						
NWTPH-Dx (mg/L)						
Diesel Range Hydrocarbons	0.25 U	0.25 U	0.25 U	0.25 U	0.28	NA
Jet-A	NA	NA	NA	0.5 U	0.5 U	NA
Motor Oil	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
VOLATILE ORGANIC COMPOUNDS (VOCs)						
EPA Method 8260B (ug/L)						
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	0.2 U	2 U	0.2 U	NA
1,1-Dichloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
1,1-Dichloroethene	0.2 U	0.02 U	0.02 U	1 U	0.2 U	NA
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
2-Butanone	1 U	1 U	1 U	5 U	1 U	NA
2-Chloroethylvinylether	UR	0.5 U	0.5 U	5 U	0.5 U	NA
2-Hexanone	1 U	1 U	1 U	5 U	1 U	NA
4-Methyl-2-Pentanone (MIBK)	1 U	1 U	1 U	5 U	1 U	NA
Acetone	3	1.2	7.4 U	5 U	1.7 U	NA
Benzene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
Bromodichloromethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
Bromoform	0.2 U	0.2 U	0.2 U	1 U	0.5 U	NA
Bromomethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW080 AGW080-030521	AGW080 AGW080-040602	AGW080 AGW080-041130	AGW081 AGW081-000314	AGW081 AGW081-001108	AGW081 AGW081FF-001108
Lab Sample ID:	FM53A	GR48A	HK28D	BK07B	CK72B	CK72Q
Sampling Date:	5/21/2003	6/2/2004	11/30/2004	3/14/2000	11/8/2000	11/8/2000
Carbon Disulfide	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
Chlorobenzene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
Chloroethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
Chloroform	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
Chloromethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
cis-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
Dibromochloromethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
Ethylbenzene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
m,p-Xylene	0.4 U	0.4 U	0.4 U	1 U	0.4 U	NA
Methylene Chloride	0.3 U	0.3 U	0.3 U	2 U	0.3 U	NA
o-Xylene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
Styrene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
Tetrachloroethene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
Toluene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
Trichloroethene	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U	1 U	0.2 U	NA
Vinyl Acetate	0.2 U	0.2 U	0.2 U	5 U	0.2 U	NA
Vinyl Chloride	0.2 U	0.02 U	0.02 U	1 U	0.2 U	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW081 AGW081-010516	AGW081 AGW081-011102	AGW081 AGW081-020517	AGW081 AGW081-021122	AGW081 AGW081-030521	AGW081 AGW081-040602
Lab Sample ID:	DC91B	DU11B	EJ60C	EZ98E	FM53B	GR48B
Sampling Date:	5/16/2001	11/2/2001	5/17/2002	11/22/2002	5/21/2003	6/2/2004
CONVENTIONAL CHEMISTRY PARAMETERS						
(mg/L Unless Otherwise Noted)						
Alkalinity (CaCO3)	NA	NA	NA	NA	NA	203
Chloride	NA	NA	NA	NA	NA	2.8
N-Ammonia	NA	NA	NA	NA	NA	0.212
Nitrate + Nitrite (NO3+NO2)	NA	NA	NA	NA	NA	0.01 U
N-Nitrate	NA	NA	NA	NA	NA	0.01 U
N-Nitrite	NA	NA	NA	NA	NA	0.01 U
Sulfate	NA	NA	NA	NA	NA	8.7
Sulfide	NA	NA	NA	NA	NA	0.05 U
Sulfite	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NA	NA	NA	NA	NA	276
Total Organic Carbon	NA	NA	NA	NA	NA	15.4
Total Suspended Solids	NA	NA	NA	NA	NA	363
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA
TOTAL METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	59	9.15	18.6 J	6.36	19.1	19.4
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.013	0.008	0.006	0.004	0.004	0.007
Barium	0.202	0.044	0.08	0.036	0.076	0.081
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	44.7	37.1	51	37.1	41.2	52.1
Chromium	0.052	0.008	0.012	0.005 U	0.013	0.015
Cobalt	0.019	0.005	0.006	0.004	0.007	0.008
Copper	0.131	0.02	0.03	0.017	0.041	0.045
Iron	51.4 J	10.1	16.1	7.36	14.6	17.3
Lead	0.014	0.002	0.002	0.001	0.004	0.005
Magnesium	17.2	12	16.5	12.4	13.7	17
Manganese	0.946	0.945	1.29	0.92	1.02	1.36
Mercury	0.0003	0.0001	0.0001	0.0001	0.0002	0.0002
Nickel	0.04	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	4.8	3.71	4.4	3.7	3.9	4.8
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	10.7	7.46	11.1	7	9.5	11.3
Thallium	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.156	0.023	0.039	0.014	0.041	0.046
Zinc	0.087	0.012	0.021	0.011	0.023	0.027

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW081 AGW081-010516	AGW081 AGW081-011102	AGW081 AGW081-020517	AGW081 AGW081-021122	AGW081 AGW081-030521	AGW081 AGW081-040602
Lab Sample ID:	DC91B	DU11B	EJ60C	EZ98E	FM53B	GR48B
Sampling Date:	5/16/2001	11/2/2001	5/17/2002	11/22/2002	5/21/2003	6/2/2004
DISSOLVED METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.004	0.005	0.005	0.004	0.004	0.007
Barium	0.011	0.012	0.016	0.012	0.012	0.014
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	28.1	33.3	42	36.2	41.5	46.6
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.004	0.003 U	0.004	0.003	0.004	0.004
Copper	0.004	0.004	0.002	0.002 U	0.002 U	0.003
Hexavalent Chrome	0.01 UJ	UR	0.01	UR	UR	0.022 J
Iron	3.62	3.44	6.79	4.06	5.5	6.5
Lead	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium	9.44	11.5	13.9	12.3	14.1	15.5
Manganese	0.692	0.919	1.18	0.962	1.15	1.3
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	2.9	3.23	3.3	3.4	3	3.7
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	5.12	5.91	7.42	6.1	7.3	8.4
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.004	0.003 U	0.007	0.003	0.005	0.006
Zinc	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
POLYCHLORINATED BIPHENYLS (PCBs)						
EPA Method 8081 (ug/L)						
Aroclor 1016	1 U	1 U	1 U	1 U	1 U	NA
Aroclor 1221	2 U	2 U	2 U	2 U	2 U	NA
Aroclor 1232	1 U	1 U	1 U	1 U	1 U	NA
Aroclor 1242	1 U	1 U	1 U	1 U	1 U	NA
Aroclor 1248	1 U	1 U	1 U	1 U	1 U	NA
Aroclor 1254	1 U	1 U	1 U	1 U	1 U	NA
Aroclor 1260	1 U	1 U	1 U	1 U	1 U	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW081	AGW081	AGW081	AGW081	AGW081	AGW081
	AGW081-010516	AGW081-011102	AGW081-020517	AGW081-021122	AGW081-030521	AGW081-040602
Lab Sample ID:	DC91B	DU11B	EJ60C	EZ98E	FM53B	GR48B
Sampling Date:	5/16/2001	11/2/2001	5/17/2002	11/22/2002	5/21/2003	6/2/2004
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)						
EPA Method 8270 (ug/L)						
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	3 U	3 U	3 U	3 U	3 U	3 U
2,4-Dimethylphenol	3 U	3 U	3 U	3 U	3 U	3 U
2,4-Dinitrophenol	10 U	25 U	25 U	25 U	25 U	25 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylphenol	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	6 U	6 U	6 U	6 U	6 U	6 U
4,6-Dinitro-2-methylphenol	10 U	15 U	15 U	15 U	15 U	15 U
4-Bromophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	3 U	3 U	3 U	3 U	3 U	3 U
4-Chlorophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	1 U
4-Methylphenol	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroaniline	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitrophenol	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U
Benzoic Acid	10 U	50 U	50 U	50 U	50 U	10 U
Benzyl Alcohol	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	1 U	1 U	1 U	1 U	1 U	1 U
Bis-(2-Chloroethyl) ether	2 U	2 U	2 U	2 U	2 U	2 U
bis(2-Ethylhexyl)phthalate	1 U	4 U	4 U	4 U	1 U	1 U
Butylbenzylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	1 U	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	1 U	1 U	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW081 AGW081-010516	AGW081 AGW081-011102	AGW081 AGW081-020517	AGW081 AGW081-021122	AGW081 AGW081-030521	AGW081 AGW081-040602
Lab Sample ID:	DC91B	DU11B	EJ60C	EZ98E	FM53B	GR48B
Sampling Date:	5/16/2001	11/2/2001	5/17/2002	11/22/2002	5/21/2003	6/2/2004
Dibenzofuran	1 U	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Dimethylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Butylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Octyl phthalate	1 U	2 U	2 U	2 U	1 U	1 U
Fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	2 U	2 U	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	2 U	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-cd)pyrene	1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	1 U	1 U	1 U	1 U	1 U	1 U
Nitrobenzene	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	2 U	2 U	2 U	2 U	2 U	2 U
N-Nitrosodiphenylamine	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	1 U	1 U	1 U	1 U	1 U	1 U
Phenol	2 U	2 U	2 U	2 U	2 U	2 U
Pyrene	1 U	1 U	1 U	1 U	1 U	1 U
PETROLEUM HYDROCARBONS						
NWTPH-Dx (mg/L)						
Diesel Range Hydrocarbons	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Jet-A	NA	NA	NA	NA	NA	NA
Motor Oil	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)						
EPA Method 8260B (ug/L)						
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	1 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethylvinylether	0.5 U	0.5 U	0.5 U	0.5 U	UR	0.5 U
2-Hexanone	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone (MIBK)	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	1 U	1 U	3.8	1 U	2.7	2
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromomethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW081 AGW081-010516	AGW081 AGW081-011102	AGW081 AGW081-020517	AGW081 AGW081-021122	AGW081 AGW081-030521	AGW081 AGW081-040602
Lab Sample ID:	DC91B	DU11B	EJ60C	EZ98E	FM53B	GR48B
Sampling Date:	5/16/2001	11/2/2001	5/17/2002	11/22/2002	5/21/2003	6/2/2004
Carbon Disulfide	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.2 U	0.2 U	0.2	0.2 U	0.2	0.2
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Methylene Chloride	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
o-Xylene	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U
Styrene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	0.2 U	0.2 U	0.3	0.2 U	0.3	0.3
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW081	AGW081	AGW082	AGW082	AGW082	AGW082
	AGW081-041130	AGW081-050524	AGW082-000314	AGW082-001108	AGW082FF-001108	AGW082-010516
Lab Sample ID:	HK28E	IC20I	BK07C	CK72C	CK72R	DC91C
Sampling Date:	11/30/2004	5/24/2005	3/14/2000	11/8/2000	11/8/2000	5/16/2001
CONVENTIONAL CHEMISTRY PARAMETERS						
(mg/L Unless Otherwise Noted)						
Alkalinity (CaCO3)	158	NA	NA	NA	NA	NA
Chloride	2.9	NA	NA	NA	NA	NA
N-Ammonia	0.127	NA	NA	NA	NA	NA
Nitrate + Nitrite (NO3+NO2)	0.016 J	NA	NA	NA	NA	NA
N-Nitrate	0.016 J	NA	NA	NA	NA	NA
N-Nitrite	UR	NA	NA	NA	NA	NA
Sulfate	10.2	NA	NA	NA	NA	NA
Sulfide	0.05 U	NA	NA	NA	NA	NA
Sulfite	1.5 U	NA	NA	NA	NA	NA
Total Dissolved Solids	264	NA	NA	NA	NA	NA
Total Organic Carbon	9.34	NA	NA	NA	NA	NA
Total Suspended Solids	329	NA	NA	NA	NA	NA
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA
TOTAL METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	NA	NA	65.6	7.3	NA	62.7
Antimony	0.05 U	NA	0.05 U	0.05 U	NA	0.05 U
Arsenic	0.007	NA	0.008	0.003	NA	0.008
Barium	0.071	NA	0.226	0.038	NA	0.207
Beryllium	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Cadmium	0.002 U	NA	0.002 U	0.002 U	NA	0.002 U
Calcium	NA	NA	38.5	13.6	NA	42
Chromium	0.011	NA	0.051	0.005	NA	0.043
Cobalt	NA	NA	0.02	0.003 U	NA	0.018
Copper	0.034	NA	0.081	0.01	NA	0.065
Iron	13.8	NA	57.4	10.2	NA	51.2 J
Lead	0.003	NA	0.01	0.002	NA	0.009
Magnesium	NA	NA	14.1	4.66	NA	12.7
Manganese	1.13 J	NA	0.421	0.063	NA	0.327
Mercury	0.0002	NA	0.0001	0.0001 U	NA	0.0001 U
Nickel	0.01 U	NA	0.05	0.01	NA	0.04
Potassium	NA	NA	5	3.3	NA	5.6
Selenium	0.05 U	NA	0.05 U	0.05 U	NA	0.05 U
Silver	0.003 U	NA	0.003 U	0.003 U	NA	0.003 U
Sodium	NA	NA	13.6	5.6	NA	14.4
Thallium	0.001 U	NA	0.001 U	0.001	NA	0.002
Vanadium	0.037	NA	0.191	0.026	NA	0.171
Zinc	0.021	NA	0.11	0.023	NA	0.081

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW081 AGW081-041130	AGW081 AGW081-050524	AGW082 AGW082-000314	AGW082 AGW082-001108	AGW082 AGW082FF-001108	AGW082 AGW082-010516
Lab Sample ID:	HK28E	IC20I	BK07C	CK72C	CK72R	DC91C
Sampling Date:	11/30/2004	5/24/2005	3/14/2000	11/8/2000	11/8/2000	5/16/2001
DISSOLVED METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum		NA	0.05	0.02 U	0.02 U	0.02 U
Antimony	0.05 U	NA	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.007	NA	0.001 U	0.001 U	0.001 U	0.001 U
Barium	0.011	NA	0.007	0.01	0.01	0.011
Beryllium	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	NA	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	NA	NA	13.3	12.3	12	16.1
Chromium	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	NA	NA	0.003 U	0.003 U	0.003 U	0.003 U
Copper	0.002 U	NA	0.003	0.002 U	0.002 U	0.002 U
Hexavalent Chrome	R	NA	0.01 U	0.01 U	NA	0.01 UJ
Iron	5.05	NA	0.03	0.02 U	0.12	0.09
Lead	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium	NA	NA	4.19	4.08	4.04	5.21
Manganese	1.14 J	NA	0.072	0.039	0.038	0.031
Mercury	0.0001 U	NA	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	NA	NA	2	3	3	3
Selenium	0.05 U	NA	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	NA	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	NA	NA	5.15	4.67	4.71	5.6
Thallium	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.005	NA	0.003 U	0.003 U	0.003 U	0.003 U
Zinc	0.006 U	NA	0.006 U	0.006 U	0.006 U	0.006 U
POLYCHLORINATED BIPHENYLS (PCBs)						
EPA Method 8081 (ug/L)						
Aroclor 1016	NA	NA	1 U	1 U	NA	1 U
Aroclor 1221	NA	NA	2 U	2 U	NA	2 U
Aroclor 1232	NA	NA	1 U	1 U	NA	1 U
Aroclor 1242	NA	NA	1 U	1 U	NA	1 U
Aroclor 1248	NA	NA	1 U	1 U	NA	1 U
Aroclor 1254	NA	NA	1 U	1 U	NA	1 U
Aroclor 1260	NA	NA	1 U	1 U	NA	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW081	AGW081	AGW082	AGW082	AGW082	AGW082
	AGW081-041130	AGW081-050524	AGW082-000314	AGW082-001108	AGW082FF-001108	AGW082-010516
Lab Sample ID:	HK28E	IC20I	BK07C	CK72C	CK72R	DC91C
Sampling Date:	11/30/2004	5/24/2005	3/14/2000	11/8/2000	11/8/2000	5/16/2001
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)						
EPA Method 8270 (ug/L)						
1,2,4-Trichlorobenzene	1 U	NA	1 U	1 U	NA	1 U
1,2-Dichlorobenzene	1 U	NA	1 U	1 U	NA	1 U
1,3-Dichlorobenzene	1 U	NA	1 U	1 U	NA	1 U
1,4-Dichlorobenzene	1 U	NA	1 U	1 U	NA	1 U
2,2'-Oxybis(1-Chloropropane)	1 U	NA	1 U	1 U	NA	1 U
2,4,5-Trichlorophenol	5 U	NA	5 U	5 U	NA	5 U
2,4,6-Trichlorophenol	5 U	NA	5 U	5 U	NA	5 U
2,4-Dichlorophenol	5 U	NA	3 U	3 U	NA	3 U
2,4-Dimethylphenol	1 U	NA	3 U	3 U	NA	3 U
2,4-Dinitrophenol	10 U	NA	10 U	10 U	NA	10 U
2,4-Dinitrotoluene	5 U	NA	5 U	5 U	NA	5 U
2,6-Dinitrotoluene	5 U	NA	5 U	5 U	NA	5 U
2-Chloronaphthalene	1 U	NA	1 U	1 U	NA	1 U
2-Chlorophenol	1 U	NA	1 U	1 U	NA	1 U
2-Methylnaphthalene	1 U	NA	1 U	1 U	NA	1 U
2-Methylphenol	1 U	NA	2 U	2 U	NA	1 U
2-Nitroaniline	5 U	NA	5 U	5 U	NA	5 U
2-Nitrophenol	5 U	NA	5 U	5 U	NA	5 U
3,3'-Dichlorobenzidine	5 U	NA	5 U	5 U	NA	5 U
3-Nitroaniline	5 U	NA	6 U	6 U	NA	6 U
4,6-Dinitro-2-methylphenol	10 U	NA	10 U	10 U	NA	10 U
4-Bromophenyl-phenylether	1 U	NA	1 U	1 U	NA	1 U
4-Chloro-3-methylphenol	5 U	NA	2 U	2 U	NA	2 U
4-Chloroaniline	5 U	NA	3 U	3 U	NA	3 U
4-Chlorophenyl-phenylether	1 U	NA	1 U	1 U	NA	1 U
4-Methylphenol	1 U	NA	1 U	1 U	NA	1 U
4-Nitroaniline	5 U	NA	5 U	5 U	NA	5 U
4-Nitrophenol	5 U	NA	5 U	5 U	NA	5 U
Acenaphthene	1 U	NA	1 U	1 U	NA	1 U
Acenaphthylene	1 U	NA	1 U	1 U	NA	1 U
Anthracene	1 U	NA	1 U	1 U	NA	1 U
Benzo(a)anthracene	1 U	NA	1 U	1 U	NA	1 U
Benzo(a)pyrene	1 U	NA	1 U	1 U	NA	1 U
Benzo(b)fluoranthene	1 U	NA	1 U	1 U	NA	1 U
Benzo(g,h,i)perylene	1 U	NA	1 U	1 U	NA	1 U
Benzo(k)fluoranthene	1 U	NA	1 U	1 U	NA	1 U
Benzoic Acid	10 U	NA	10 U	10 U	NA	10 U
Benzyl Alcohol	5 U	NA	5 U	5 U	NA	5 U
bis(2-Chloroethoxy) methane	1 U	NA	1 U	1 U	NA	1 U
Bis-(2-Chloroethyl) ether	1 U	NA	2 U	2 U	NA	2 U
bis(2-Ethylhexyl)phthalate	1 U	NA	1.1	1.7	NA	1 U
Butylbenzylphthalate	1 U	NA	1 U	1 U	NA	1 U
Carbazole	1 U	NA	1 U	1 U	NA	1 U
Chrysene	1 U	NA	1 U	1 U	NA	1 U
Dibenz(a,h)anthracene	1 U	NA	1 U	1 U	NA	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW081 AGW081-041130	AGW081 AGW081-050524	AGW082 AGW082-000314	AGW082 AGW082-001108	AGW082 AGW082FF-001108	AGW082 AGW082-010516
Lab Sample ID:	HK28E	IC20I	BK07C	CK72C	CK72R	DC91C
Sampling Date:	11/30/2004	5/24/2005	3/14/2000	11/8/2000	11/8/2000	5/16/2001
Dibenzofuran	1 U	NA	1 U	1 U	NA	1 U
Diethylphthalate	1 U	NA	1 U	1 U	NA	1 U
Dimethylphthalate	1 U	NA	1 U	1 U	NA	1 U
Di-n-Butylphthalate	1 U	NA	1 U	1 U	NA	1 U
Di-n-Octyl phthalate	1 U	NA	1 U	1 U	NA	1 U
Fluoranthene	1 U	NA	1 U	1 U	NA	1 U
Fluorene	1 U	NA	1 U	1 U	NA	1 U
Hexachlorobenzene	1 U	NA	1 U	1 U	NA	1 U
Hexachlorobutadiene	1 U	NA	2 U	2 U	NA	2 U
Hexachlorocyclopentadiene	5 U	NA	5 U	5 U	NA	5 U
Hexachloroethane	1 U	NA	2 U	2 U	NA	2 U
Indeno(1,2,3-cd)pyrene	1 U	NA	1 U	1 U	NA	1 U
Isophorone	1 U	NA	1 U	1 U	NA	1 U
Naphthalene	1 U	NA	1 U	1 U	NA	1 U
Nitrobenzene	1 U	NA	1 U	1 U	NA	1 U
N-Nitroso-Di-N-Propylamine	5 U	NA	2 U	2 U	NA	2 U
N-Nitrosodiphenylamine	1 U	NA	1 U	1 U	NA	1 U
Pentachlorophenol	5 U	NA	5 U	5 U	NA	5 U
Phenanthrene	1 U	NA	1 U	1 U	NA	1 U
Phenol	1 U	NA	2 U	2 U	NA	2 U
Pyrene	1 U	NA	1 U	1 U	NA	1 U
PETROLEUM HYDROCARBONS						
NWTPH-Dx (mg/L)						
Diesel Range Hydrocarbons	0.25 U	NA	0.25 U	0.25 U	NA	0.25 U
Jet-A	NA	NA	0.5 U	0.5 U	NA	NA
Motor Oil	0.5 U	NA	0.5 U	0.5 U	NA	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)						
EPA Method 8260B (ug/L)						
1,1,1-Trichloroethane	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	2 U	0.2 U	NA	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
1,1-Dichloroethene	0.02 U	0.020 U	1 U	0.2 U	NA	0.2 U
1,2-Dichloroethane	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
2-Butanone	1 U	1.0 U	5 U	1 U	NA	1 U
2-Chloroethylvinylether	0.5 U	0.5 U	5 U	0.5 U	NA	0.5 U
2-Hexanone	1 U	1.0 U	5 U	1 U	NA	1 U
4-Methyl-2-Pentanone (MIBK)	1 U	1.0 U	5 U	1 U	NA	1 U
Acetone	11 U	4.7	5 U	1 U	NA	1 U
Benzene	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Bromodichloromethane	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Bromoform	0.2 U	0.2 U	1 U	0.5 U	NA	0.5 U
Bromomethane	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW081	AGW081	AGW082	AGW082	AGW082	AGW082
	AGW081-041130	AGW081-050524	AGW082-000314	AGW082-001108	AGW082FF-001108	AGW082-010516
Lab Sample ID:	HK28E	IC20I	BK07C	CK72C	CK72R	DC91C
Sampling Date:	11/30/2004	5/24/2005	3/14/2000	11/8/2000	11/8/2000	5/16/2001
Carbon Disulfide	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Chlorobenzene	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Chloroethane	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Chloroform	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Chloromethane	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
cis-1,2-Dichloroethene	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Dibromochloromethane	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Ethylbenzene	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
m,p-Xylene	0.4 U	0.4 U	1 U	0.4 U	NA	0.4 U
Methylene Chloride	0.6 U	0.3 U	2 U	0.3 U	NA	0.3 U
o-Xylene	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Styrene	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Tetrachloroethene	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Toluene	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Trichloroethene	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Trichlorofluoromethane	0.2 U	0.2 U	1 U	0.2 U	NA	0.2 U
Vinyl Acetate	0.2 U	0.2 U	5 U	0.2 U	NA	0.2 U
Vinyl Chloride	0.02 U	0.020 U	1 U	0.2 U	NA	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW082 AGW082-011102	AGW082 AGW082-020517	AGW082 AGW082-021122	AGW082 AGW082-030521	AGW082 AGW082-040602	AGW082 AGW082-041130
Lab Sample ID:	DU11C	EJ60B	EZ98F	FM53C	GR48C	HK28F
Sampling Date:	11/2/2001	5/17/2002	11/22/2002	5/21/2003	6/2/2004	11/30/2004
CONVENTIONAL CHEMISTRY PARAMETERS						
(mg/L Unless Otherwise Noted)						
Alkalinity (CaCO3)	NA	NA	NA	NA	36	50.2
Chloride	NA	NA	NA	NA	1.5	1.5
N-Ammonia	NA	NA	NA	NA	0.038	0.027
Nitrate + Nitrite (NO3+NO2)	NA	NA	NA	NA	0.913	4.14 J
N-Nitrate	NA	NA	NA	NA	0.898	4.1 J
N-Nitrite	NA	NA	NA	NA	0.015	0.037 J
Sulfate	NA	NA	NA	NA	11.5	16.6
Sulfide	NA	NA	NA	NA	0.05 U	0.07
Sulfite	NA	NA	NA	NA	NA	1.5 U
Total Dissolved Solids	NA	NA	NA	NA	116	155
Total Organic Carbon	NA	NA	NA	NA	6.26	2.43
Total Suspended Solids	NA	NA	NA	NA	864	585
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA
TOTAL METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	7.25	68.8 J	6.51	59.5	36.2	NA
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.003	0.008	0.002	0.006	0.007	0.003
Barium	0.039	0.242	0.033	0.207	0.131	0.083
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	20.1	36.3	13.7	32.4	21.8	NA
Chromium	0.006	0.052	0.005 U	0.044	0.027	0.013
Cobalt	0.005	0.019	0.003 U	0.017	0.011	NA
Copper	0.009	0.084	0.007	0.073	0.051	0.02
Iron	17.1	53.6	9.38	51.2	28.7	17.4
Lead	0.001 U	0.008	0.001 U	0.008	0.007	0.002
Magnesium	6.63	13	4.65	12.2	8.32	NA
Manganese	0.276	0.341	0.054	0.305	0.178	0.126 J
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01	0.04	0.01 U	0.04	0.02	0.01
Potassium	3.27	5.4	2.9	4.9	4.3	NA
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	7.61	14.7	6	13.1	10	NA
Thallium	0.001 U	0.001 U	0.001	0.001 U	0.001 U	0.001 U
Vanadium	0.033	0.182	0.025	0.163	0.102	0.055
Zinc	0.018	0.095	0.008	0.078	0.048	0.025

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW082 AGW082-011102	AGW082 AGW082-020517	AGW082 AGW082-021122	AGW082 AGW082-030521	AGW082 AGW082-040602	AGW082 AGW082-041130
Lab Sample ID:	DU11C	EJ60B	EZ98F	FM53C	GR48C	HK28F
Sampling Date:	11/2/2001	5/17/2002	11/22/2002	5/21/2003	6/2/2004	11/30/2004
DISSOLVED METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Barium	0.011	0.006	0.008	0.006	0.006	0.011
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	15.7	10.3	11.4	12	11.3	NA
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	NA
Copper	0.002 U	0.002 U	0.002 U	0.002 U	0.002	0.002 U
Hexavalent Chrome	UR	0.01 U	UR	UR	0.022 J	R
Iron	0.14	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Lead	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium	5.47	3.27	3.88	3.95	3.79	NA
Manganese	0.226	0.024	0.019	0.017	0.016	0.026 J
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	2.78	2	2.4	2	2.1	NA
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	5.98	4.82	4.8	5.1	5.3	NA
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Zinc	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
POLYCHLORINATED BIPHENYLS (PCBs)						
EPA Method 8081 (ug/L)						
Aroclor 1016	1 U	1 U	1 U	1 U	NA	NA
Aroclor 1221	2 U	2 U	2 U	2 U	NA	NA
Aroclor 1232	1 U	1 U	1 U	1 U	NA	NA
Aroclor 1242	1 U	1 U	1 U	1 U	NA	NA
Aroclor 1248	1 U	1 U	1 U	1 U	NA	NA
Aroclor 1254	1 U	1 U	1 U	1 U	NA	NA
Aroclor 1260	1 U	1 U	1 U	1 U	NA	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW082 AGW082-011102	AGW082 AGW082-020517	AGW082 AGW082-021122	AGW082 AGW082-030521	AGW082 AGW082-040602	AGW082 AGW082-041130
Lab Sample ID:	DU11C	EJ60B	EZ98F	FM53C	GR48C	HK28F
Sampling Date:	11/2/2001	5/17/2002	11/22/2002	5/21/2003	6/2/2004	11/30/2004
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)						
EPA Method 8270 (ug/L)						
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	3 U	3 U	3 U	3 U	3 U	5 U
2,4-Dimethylphenol	3 U	3 U	3 U	3 U	3 U	1 U
2,4-Dinitrophenol	25 U	25 U	25 U	25 U	25 U	10 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylphenol	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	6 U	6 U	6 U	6 U	6 U	5 U
4,6-Dinitro-2-methylphenol	15 U	15 U	15 U	15 U	15 U	10 U
4-Bromophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	2 U	2 U	2 U	2 U	2 U	5 U
4-Chloroaniline	3 U	3 U	3 U	3 U	3 U	5 U
4-Chlorophenyl-phenylether	1 U	1 U	1 U	1 U	1 U	1 U
4-Methylphenol	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroaniline	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitrophenol	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U
Benzoic Acid	50 U	50 U	50 U	50 U	10 U	10 U
Benzyl Alcohol	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	1 U	1 U	1 U	1 U	1 U	1 U
Bis-(2-Chloroethyl) ether	2 U	2 U	2 U	2 U	2 U	1 U
bis(2-Ethylhexyl)phthalate	4 U	4 U	4 U	1 U	1 U	1 U
Butylbenzylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	1 U	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	1 U	1 U	1 U	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW082 AGW082-011102	AGW082 AGW082-020517	AGW082 AGW082-021122	AGW082 AGW082-030521	AGW082 AGW082-040602	AGW082 AGW082-041130
Lab Sample ID:	DU11C	EJ60B	EZ98F	FM53C	GR48C	HK28F
Sampling Date:	11/2/2001	5/17/2002	11/22/2002	5/21/2003	6/2/2004	11/30/2004
Dibenzofuran	1 U	1 U	1 U	1 U	1 U	1 U
Diethylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Dimethylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Butylphthalate	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Octyl phthalate	2 U	2 U	2 U	1 U	1 U	1 U
Fluoranthene	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	2 U	2 U	2 U	2 U	2 U	1 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	2 U	2 U	2 U	2 U	2 U	1 U
Indeno(1,2,3-cd)pyrene	1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	1 U	1 U	1 U	1 U	1 U	1 U
Nitrobenzene	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	2 U	2 U	2 U	2 U	2 U	5 U
N-Nitrosodiphenylamine	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	1 U	1 U	1 U	1 U	1 U	1 U
Phenol	2 U	2 U	2 U	2 U	2 U	1 U
Pyrene	1 U	1 U	1 U	1 U	1 U	1 U
PETROLEUM HYDROCARBONS						
NWTPH-Dx (mg/L)						
Diesel Range Hydrocarbons	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Jet-A	NA	NA	NA	NA	NA	NA
Motor Oil	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)						
EPA Method 8260B (ug/L)						
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.02 U	0.02 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	1 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethylvinylether	0.5 U	0.5 U	0.5 U	UR	0.5 U	0.5 U
2-Hexanone	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone (MIBK)	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	1 U	1.6	1.3 J	1 U	3	2.2 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromomethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW082 AGW082-011102	AGW082 AGW082-020517	AGW082 AGW082-021122	AGW082 AGW082-030521	AGW082 AGW082-040602	AGW082 AGW082-041130
Lab Sample ID:	DU11C	EJ60B	EZ98F	FM53C	GR48C	HK28F
Sampling Date:	11/2/2001	5/17/2002	11/22/2002	5/21/2003	6/2/2004	11/30/2004
Carbon Disulfide	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Methylene Chloride	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
o-Xylene	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U
Styrene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	0.2 U	0.02 U	0.02 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW083 AGW083-000314	AGW083 AGW083-001108	AGW083 AGW083FF-001108	AGW083 AGW083-010516	AGW083 AGW083-011102	AGW083 AGW083-020517
Lab Sample ID:	BK07D	CK72D	CK72S	DC91D	DU11D	EJ60A
Sampling Date:	3/14/2000	11/8/2000	11/8/2000	5/16/2001	11/2/2001	5/17/2002
CONVENTIONAL CHEMISTRY PARAMETERS						
(mg/L Unless Otherwise Noted)						
Alkalinity (CaCO3)	NA	NA	NA	NA	NA	NA
Chloride	NA	NA	NA	NA	NA	NA
N-Ammonia	NA	NA	NA	NA	NA	NA
Nitrate + Nitrite (NO3+NO2)	NA	NA	NA	NA	NA	NA
N-Nitrate	NA	NA	NA	NA	NA	NA
N-Nitrite	NA	NA	NA	NA	NA	NA
Sulfate	NA	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA	NA	NA
Sulfite	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA
TOTAL METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	37.9	1.39	NA	1.6	1.35	3.77 J
Antimony	0.05 U	0.05 U	NA	0.05 U	0.05 U	0.05 U
Arsenic	0.008	0.004	NA	0.003	0.004	0.005
Barium	0.117	0.019	NA	0.017	0.024	0.021
Beryllium	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	NA	0.002 U	0.002 U	0.002 U
Calcium	32.3	19.4	NA	31.1	29	20.2
Chromium	0.024	0.005 U	NA	0.005 U	0.005 U	0.005 U
Cobalt	0.022	0.003 U	NA	0.003 U	0.003 U	0.011
Copper	0.056	0.006	NA	0.007	0.004	0.019
Iron	38.7	17.2	NA	17.1 J	15.5	27.8
Lead	0.005	0.001 U	NA	0.001 U	0.001 U	0.001 U
Magnesium	10.7	7.15	NA	11.3	11	7.45
Manganese	0.534	0.431	NA	0.447	0.564	0.352
Mercury	0.0001 U	0.0001 U	NA	0.0001 U	0.0001 U	0.0001 U
Nickel	0.04	0.01 U	NA	0.01 U	0.01 U	0.02
Potassium	2.5	1.7	NA	1.4	2.01	1.4
Selenium	0.05 U	0.05 U	NA	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	NA	0.003 U	0.003 U	0.003 U
Sodium	14.1	10.8	NA	10.3	13.1	9.24
Thallium	0.001 U	0.001	NA	0.001 U	0.001 U	0.002
Vanadium	0.102	0.008	NA	0.01	0.009	0.024
Zinc	0.071	0.006 U	NA	0.006 U	0.009	0.012

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW083 AGW083-000314	AGW083 AGW083-001108	AGW083 AGW083FF-001108	AGW083 AGW083-010516	AGW083 AGW083-011102	AGW083 AGW083-020517
Lab Sample ID:	BK07D	CK72D	CK72S	DC91D	DU11D	EJ60A
Sampling Date:	3/14/2000	11/8/2000	11/8/2000	5/16/2001	11/2/2001	5/17/2002
DISSOLVED METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.03	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001 U	0.003	0.001	0.001 U	0.001
Barium	0.008	0.012	0.014	0.011	0.019	0.007
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	15.8	19.4	20	33.4	28	18.1
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.01	0.003 U	0.003 U	0.003 U	0.003 U	0.011
Copper	0.01	0.003	0.002 U	0.005	0.002 U	0.004
Hexavalent Chrome	0.01 U	0.01 U	NA	0.01 UJ	UR	0.01 U
Iron	0.07	0.07	14.4	6.74	4.28	4.36
Lead	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium	5.65	7.26	7.47	12.2	10.9	6.76
Manganese	0.333	0.433	0.448	0.301	0.546	0.32
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01	0.01 U	0.01 U	0.01	0.01 U	0.02
Potassium	0.6	1.6	1.6	1.5	1.96	1.1
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	8.16	10.7	11.2	11.4	12.6	8.21
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.003 U	0.003 U	0.003 U	0.003	0.003 U	0.003 U
Zinc	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
POLYCHLORINATED BIPHENYLS (PCBs)						
EPA Method 8081 (ug/L)						
Aroclor 1016	1 U	1 U	NA	1 U	1 U	1 U
Aroclor 1221	2 U	2 U	NA	2 U	2 U	2 U
Aroclor 1232	1 U	1 U	NA	1 U	1 U	1 U
Aroclor 1242	1 U	1 U	NA	1 U	1 U	1 U
Aroclor 1248	1 U	1 U	NA	1 U	1 U	1 U
Aroclor 1254	1 U	1 U	NA	1 U	1 U	1 U
Aroclor 1260	1 U	1 U	NA	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW083 AGW083-000314	AGW083 AGW083-001108	AGW083 AGW083FF-001108	AGW083 AGW083-010516	AGW083 AGW083-011102	AGW083 AGW083-020517
Lab Sample ID:	BK07D	CK72D	CK72S	DC91D	DU11D	EJ60A
Sampling Date:	3/14/2000	11/8/2000	11/8/2000	5/16/2001	11/2/2001	5/17/2002
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)						
EPA Method 8270 (ug/L)						
1,2,4-Trichlorobenzene	1 U	1 U	NA	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	NA	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	NA	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	NA	1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	NA	1 U	1 U	1 U
2,4,5-Trichlorophenol	5 U	5 U	NA	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	NA	5 U	5 U	5 U
2,4-Dichlorophenol	3 U	3 U	NA	3 U	3 U	3 U
2,4-Dimethylphenol	3 U	3 U	NA	3 U	3 U	3 U
2,4-Dinitrophenol	10 U	10 U	NA	10 U	25 U	25 U
2,4-Dinitrotoluene	5 U	5 U	NA	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	NA	5 U	5 U	5 U
2-Chloronaphthalene	1 U	1 U	NA	1 U	1 U	1 U
2-Chlorophenol	1 U	1 U	NA	1 U	1 U	1 U
2-Methylnaphthalene	1 U	1 U	NA	1 U	1 U	1 U
2-Methylphenol	2 U	2 U	NA	1 U	1 U	1 U
2-Nitroaniline	5 U	5 U	NA	5 U	5 U	5 U
2-Nitrophenol	5 U	5 U	NA	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	NA	5 U	5 U	5 U
3-Nitroaniline	6 U	6 U	NA	6 U	6 U	6 U
4,6-Dinitro-2-methylphenol	10 U	10 U	NA	10 U	15 U	15 U
4-Bromophenyl-phenylether	1 U	1 U	NA	1 U	1 U	1 U
4-Chloro-3-methylphenol	2 U	2 U	NA	2 U	2 U	2 U
4-Chloroaniline	3 U	3 U	NA	3 U	3 U	3 U
4-Chlorophenyl-phenylether	1 U	1 U	NA	1 U	1 U	1 U
4-Methylphenol	1 U	1 U	NA	1 U	1 U	1 U
4-Nitroaniline	5 U	5 U	NA	5 U	5 U	5 U
4-Nitrophenol	5 U	5 U	NA	5 U	5 U	5 U
Acenaphthene	1 U	1 U	NA	1 U	1 U	1 U
Acenaphthylene	1 U	1 U	NA	1 U	1 U	1 U
Anthracene	1 U	1 U	NA	1 U	1 U	1 U
Benzo(a)anthracene	1 U	1 U	NA	1 U	1 U	1 U
Benzo(a)pyrene	1 U	1 U	NA	1 U	1 U	1 U
Benzo(b)fluoranthene	1 U	1 U	NA	1 U	1 U	1 U
Benzo(g,h,i)perylene	1 U	1 U	NA	1 U	1 U	1 U
Benzo(k)fluoranthene	1 U	1 U	NA	1 U	1 U	1 U
Benzoic Acid	10 U	10 U	NA	10 U	50 U	50 U
Benzyl Alcohol	5 U	5 U	NA	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	1 U	1 U	NA	1 U	1 U	1 U
Bis-(2-Chloroethyl) ether	2 U	2 U	NA	2 U	2 U	2 U
bis(2-Ethylhexyl)phthalate	1 U	3.2	NA	140	4 U	4 U
Butylbenzylphthalate	1 U	1 U	NA	1 U	1 U	1 U
Carbazole	1 U	1 U	NA	1 U	1 U	1 U
Chrysene	1 U	1 U	NA	1 U	1 U	1 U
Dibenz(a,h)anthracene	1 U	1 U	NA	1 U	1 U	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW083 AGW083-000314	AGW083 AGW083-001108	AGW083 AGW083FF-001108	AGW083 AGW083-010516	AGW083 AGW083-011102	AGW083 AGW083-020517
Lab Sample ID:	BK07D	CK72D	CK72S	DC91D	DU11D	EJ60A
Sampling Date:	3/14/2000	11/8/2000	11/8/2000	5/16/2001	11/2/2001	5/17/2002
Dibenzofuran	1 U	1 U	NA	1 U	1 U	1 U
Diethylphthalate	1 U	1 U	NA	1 U	1 U	1 U
Dimethylphthalate	1 U	1 U	NA	1 U	1 U	1 U
Di-n-Butylphthalate	1 U	1 U	NA	1 U	1 U	1 U
Di-n-Octyl phthalate	1 U	1 U	NA	1 U	2 U	2 U
Fluoranthene	1 U	1 U	NA	1 U	1 U	1 U
Fluorene	1 U	1 U	NA	1 U	1 U	1 U
Hexachlorobenzene	1 U	1 U	NA	1 U	1 U	1 U
Hexachlorobutadiene	2 U	2 U	NA	2 U	2 U	2 U
Hexachlorocyclopentadiene	5 U	5 U	NA	5 U	5 U	5 U
Hexachloroethane	2 U	2 U	NA	2 U	2 U	2 U
Indeno(1,2,3-cd)pyrene	1 U	1 U	NA	1 U	1 U	1 U
Isophorone	1 U	1 U	NA	1 U	1 U	1 U
Naphthalene	1 U	1 U	NA	1 U	1 U	1 U
Nitrobenzene	1 U	1 U	NA	1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	2 U	2 U	NA	2 U	2 U	2 U
N-Nitrosodiphenylamine	1 U	1 U	NA	1 U	1 U	1 U
Pentachlorophenol	5 U	5 U	NA	5 U	5 U	5 U
Phenanthrene	1 U	1 U	NA	1 U	1 U	1 U
Phenol	2 U	2 U	NA	2 U	2 U	2 U
Pyrene	1 U	1 U	NA	1 U	1 U	1 U
PETROLEUM HYDROCARBONS						
NWTPH-Dx (mg/L)						
Diesel Range Hydrocarbons	0.25 U	0.28	NA	0.25 U	0.25 U	0.25 U
Jet-A	0.5 U	0.5 U	NA	NA	NA	NA
Motor Oil	0.5 U	0.5 U	NA	0.5 U	0.5 U	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)						
EPA Method 8260B (ug/L)						
1,1,1-Trichloroethane	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
2-Butanone	5 U	1 U	NA	1 U	1 U	1 U
2-Chloroethylvinylether	5 U	0.5 U	NA	0.5 U	0.5 U	0.5 U
2-Hexanone	5 U	1 U	NA	1 U	1 U	1 U
4-Methyl-2-Pentanone (MIBK)	5 U	1 U	NA	1 U	1 U	1 U
Acetone	5 U	1.1 U	NA	1 U	1 U	1.2
Benzene	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
Bromodichloromethane	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
Bromoform	1 U	0.5 U	NA	0.5 U	0.2 U	0.2 U
Bromomethane	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW083 AGW083-000314	AGW083 AGW083-001108	AGW083 AGW083FF-001108	AGW083 AGW083-010516	AGW083 AGW083-011102	AGW083 AGW083-020517
Lab Sample ID:	BK07D	CK72D	CK72S	DC91D	DU11D	EJ60A
Sampling Date:	3/14/2000	11/8/2000	11/8/2000	5/16/2001	11/2/2001	5/17/2002
Carbon Disulfide	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
Chlorobenzene	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
Chloroethane	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
Chloroform	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
Chloromethane	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
Dibromochloromethane	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
Ethylbenzene	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
m,p-Xylene	1 U	0.4 U	NA	0.4 U	0.4 U	0.4 U
Methylene Chloride	2 U	0.3 U	NA	0.3 U	0.3 U	0.3 U
o-Xylene	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
Styrene	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
Tetrachloroethene	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
Toluene	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
Trichloroethene	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
Vinyl Acetate	5 U	0.2 U	NA	0.2 U	0.2 U	0.2 U
Vinyl Chloride	1 U	0.2 U	NA	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW083 AGW083-021122	AGW083 AGW083-030521	AGW083 AGW083-040602	AGW083 AGW083-041130	AGW095 AGW095-50	AGW095 AGW095-031217
Lab Sample ID:	EZ98G	FM53D	GR48D	HK28G	GE23A	GD88B
Sampling Date:	11/22/2002	5/21/2003	6/2/2004	11/30/2004	12/16/2003	12/17/2003
CONVENTIONAL CHEMISTRY PARAMETERS						
(mg/L Unless Otherwise Noted)						
Alkalinity (CaCO3)	NA	NA	79	170	NA	110
Chloride	NA	NA	1.7	2.6	NA	2.9
N-Ammonia	NA	NA	0.045	0.054	NA	0.025
Nitrate + Nitrite (NO3+NO2)	NA	NA	0.01 U	0.011 J	NA	0.45
N-Nitrate	NA	NA	0.01 U	0.011 J	NA	0.41
N-Nitrite	NA	NA	0.01 U	UR	NA	0.045
Sulfate	NA	NA	12.6	6.6	NA	24
Sulfide	NA	NA	0.05 U	0.05 U	NA	0.05 U
Sulfite	NA	NA	NA	1.5 U	NA	NA
Total Dissolved Solids	NA	NA	156	268	NA	180
Total Organic Carbon	NA	NA	9.08	20.6	NA	1.5 U
Total Suspended Solids	NA	NA	66.8	30.8	NA	200
Total Organic Carbon (%)	NA	NA	NA	NA	0.099	NA
Total Solids (%)	NA	NA	NA	NA	90	NA
TOTAL METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	55.9	3.49	2.05	NA	NA	9.3
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.05 UJ
Arsenic	0.043	0.002	0.003	0.004	NA	0.004
Barium	0.19	0.019	0.013	0.015	NA	0.055
Beryllium	0.001	0.001 U	0.001 U	NA	NA	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.001 U	NA	0.002 U
Calcium	47	16.1	19.6	NA	NA	26.9
Chromium	0.035	0.005 U	0.005 U	0.002 U	NA	0.009
Cobalt	0.017	0.006	0.009	0.005 U	NA	0.008
Copper	0.121	0.017	0.014	0.028	NA	0.02
Iron	159	6.93	13.4	NA	NA	7.93
Lead	0.007	0.001	0.001 U	13	NA	0.002
Magnesium	13.9	6.39	7.48	0.001 U	NA	8.59
Manganese	0.43	0.198	0.288	0.327 J	NA	1.23
Mercury	0.0001 U	0.0001 U	0.0001 U	NA	NA	0.0001 U
Nickel	0.04	0.01	0.02	0.0001 U	NA	0.01 U
Potassium	3.4	1.3	1.4	0.02	NA	3.9
Selenium	0.05 U	0.05 U	0.05 U	NA	NA	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.05 U	NA	0.003 U
Sodium	18.4	8.6	9.5	0.003 U	NA	11.4
Thallium	0.002	0.001 U	0.001 U	0.001 U	NA	0.001 U
Vanadium	0.254	0.016	0.019	0.026	NA	0.019
Zinc	0.074	0.009	0.009	0.02	NA	0.042

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW083 AGW083-021122	AGW083 AGW083-030521	AGW083 AGW083-040602	AGW083 AGW083-041130	AGW095 AGW095-50	AGW095 AGW095-031217
Lab Sample ID:	EZ98G	FM53D	GR48D	HK28G	GE23A	GD88B
Sampling Date:	11/22/2002	5/21/2003	6/2/2004	11/30/2004	12/16/2003	12/17/2003
DISSOLVED METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.05 U	0.05 U	0.05 U	NA	NA	0.05 U
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.05 U
Arsenic	0.001 U	0.001 U	0.001	0.001 U	NA	0.001 U
Barium	0.01	0.004	0.005	0.011	NA	0.01
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	NA	0.002 U
Calcium	19.1	16.2	19.5	NA	NA	27.3
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U
Cobalt	0.003 U	0.006	0.009	NA	NA	0.005
Copper	0.003	0.01	0.006	0.022	NA	0.002
Hexavalent Chrome	UR	UR	0.011 J	R	NA	0.01 U
Iron	1.41	0.86	3.38	2.66	NA	0.05 U
Lead	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
Magnesium	7.45	6.53	7.68	NA	NA	8.38
Manganese	0.057	0.189	0.276	0.318 J	NA	1.2
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	NA	0.0001 U
Nickel	0.01 U	0.01 U	0.01	0.02	NA	0.01 U
Potassium	1.3	0.9	1.4	NA	NA	3.9
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	NA	0.003 U
Sodium	9.7	8.1	9.7	NA	NA	12
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
Vanadium	0.003 U	0.003 U	0.003 U	0.003	NA	0.003 U
Zinc	0.006 U	0.006 U	0.006 U	0.006 U	NA	0.013
POLYCHLORINATED BIPHENYLS (PCBs)						
EPA Method 8081 (ug/L)						
Aroclor 1016	1 U	1 U	NA	NA	NA	NA
Aroclor 1221	2 U	2 U	NA	NA	NA	NA
Aroclor 1232	1 U	1 U	NA	NA	NA	NA
Aroclor 1242	1 U	1 U	NA	NA	NA	NA
Aroclor 1248	1 U	1 U	NA	NA	NA	NA
Aroclor 1254	1 U	1 U	NA	NA	NA	NA
Aroclor 1260	1 U	1 U	NA	NA	NA	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW083	AGW083	AGW083	AGW083	AGW095	AGW095
	AGW083-021122	AGW083-030521	AGW083-040602	AGW083-041130	AGW095-50	AGW095-031217
Lab Sample ID:	EZ98G	FM53D	GR48D	HK28G	GE23A	GD88B
Sampling Date:	11/22/2002	5/21/2003	6/2/2004	11/30/2004	12/16/2003	12/17/2003
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)						
EPA Method 8270 (ug/L)						
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	NA	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	NA	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	NA	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	NA	1 U
2,2'-Oxybis(1-Chloropropane)	1 U	1 U	1 U	1 U	NA	1 U
2,4,5-Trichlorophenol	5 U	5 U	5 U	5 U	NA	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	NA	5 U
2,4-Dichlorophenol	3 U	3 U	3 U	5 U	NA	3 U
2,4-Dimethylphenol	3 U	3 U	3 U	1 U	NA	3 U
2,4-Dinitrophenol	25 U	25 U	25 U	10 U	NA	25 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	NA	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	NA	5 U
2-Chloronaphthalene	1 U	1 U	1 U	1 U	NA	1 U
2-Chlorophenol	1 U	1 U	1 U	1 U	NA	1 U
2-Methylnaphthalene	1 U	1 U	1 U	1 U	NA	1 U
2-Methylphenol	1 U	1 U	1 U	1 U	NA	1 U
2-Nitroaniline	5 U	5 U	5 U	5 U	NA	5 U
2-Nitrophenol	5 U	5 U	5 U	5 U	NA	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	NA	5 U
3-Nitroaniline	6 U	6 U	6 U	5 U	NA	6 U
4,6-Dinitro-2-methylphenol	15 U	15 U	15 U	10 U	NA	15 U
4-Bromophenyl-phenylether	1 U	1 U	1 U	1 U	NA	1 U
4-Chloro-3-methylphenol	2 U	2 U	2 U	5 U	NA	2 U
4-Chloroaniline	3 U	3 U	3 U	5 U	NA	3 U
4-Chlorophenyl-phenylether	1 U	1 U	1 U	1 U	NA	1 U
4-Methylphenol	1 U	1 U	1 U	1 U	NA	1 U
4-Nitroaniline	5 U	5 U	5 U	5 U	NA	5 U
4-Nitrophenol	5 U	5 U	5 U	5 U	NA	5 U
Acenaphthene	1 U	1 U	1 U	1 U	NA	1 U
Acenaphthylene	1 U	1 U	1 U	1 U	NA	1 U
Anthracene	1 U	1 U	1 U	1 U	NA	1 U
Benzo(a)anthracene	1 U	1 U	1 U	1 U	NA	1 U
Benzo(a)pyrene	1 U	1 U	1 U	1 U	NA	1 U
Benzo(b)fluoranthene	1 U	1 U	1 U	1 U	NA	1 U
Benzo(g,h,i)perylene	1 U	1 U	1 U	1 U	NA	1 U
Benzo(k)fluoranthene	1 U	1 U	1 U	1 U	NA	1 U
Benzoic Acid	50 U	50 U	10 U	10 U	NA	10 U
Benzyl Alcohol	5 U	5 U	5 U	5 U	NA	5 U
bis(2-Chloroethoxy) methane	1 U	1 U	1 U	1 U	NA	1 U
Bis-(2-Chloroethyl) ether	2 U	2 U	2 U	1 U	NA	2 U
bis(2-Ethylhexyl)phthalate	4 U	1 U	1 U	5.1	NA	1 U
Butylbenzylphthalate	1 U	1 U	1 U	1 U	NA	1 U
Carbazole	1 U	1 U	1 U	1 U	NA	1 U
Chrysene	1 U	1 U	1 U	1 U	NA	1 U
Dibenz(a,h)anthracene	1 U	1 U	1 U	1 U	NA	1 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW083 AGW083-021122	AGW083 AGW083-030521	AGW083 AGW083-040602	AGW083 AGW083-041130	AGW095 AGW095-50	AGW095 AGW095-031217
Lab Sample ID:	EZ98G	FM53D	GR48D	HK28G	GE23A	GD88B
Sampling Date:	11/22/2002	5/21/2003	6/2/2004	11/30/2004	12/16/2003	12/17/2003
Dibenzofuran	1 U	1 U	1 U	1 U	NA	1 U
Diethylphthalate	1 U	1 U	1 U	1 U	NA	1 U
Dimethylphthalate	1 U	1 U	1 U	1 U	NA	1 U
Di-n-Butylphthalate	1 U	1 U	1 U	1 U	NA	1 U
Di-n-Octyl phthalate	2 U	1 U	1 U	1 U	NA	1 U
Fluoranthene	1 U	1 U	1 U	1 U	NA	1 U
Fluorene	1 U	1 U	1 U	1 U	NA	1 U
Hexachlorobenzene	1 U	1 U	1 U	1 U	NA	1 U
Hexachlorobutadiene	2 U	2 U	2 U	1 U	NA	2 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	NA	5 U
Hexachloroethane	2 U	2 U	2 U	1 U	NA	2 U
Indeno(1,2,3-cd)pyrene	1 U	1 U	1 U	1 U	NA	1 U
Isophorone	1 U	1 U	1 U	1 U	NA	1 U
Naphthalene	1 U	1 U	1 U	1 U	NA	1 U
Nitrobenzene	1 U	1 U	1 U	1 U	NA	1 U
N-Nitroso-Di-N-Propylamine	2 U	2 U	2 U	5 U	NA	2 U
N-Nitrosodiphenylamine	1 U	1 U	1 U	1 U	NA	1 U
Pentachlorophenol	5 U	5 U	5 U	5 U	NA	5 U
Phenanthrene	1 U	1 U	1 U	1 U	NA	1 U
Phenol	2 U	2 U	2 U	1 U	NA	2 U
Pyrene	1 U	1 U	1 U	1 U	NA	1 U
PETROLEUM HYDROCARBONS						
NWTPH-Dx (mg/L)						
Diesel Range Hydrocarbons	0.25 U	0.25 U	0.25 U	0.25 U	NA	0.25 U
Jet-A	NA	NA	NA	NA	NA	NA
Motor Oil	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)						
EPA Method 8260B (ug/L)						
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
1,1-Dichloroethene	0.2 U	0.2 U	0.02 U	0.02 U	NA	0.2 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
2-Butanone	1 U	1 U	1 U	1 U	NA	1 U
2-Chloroethylvinylether	0.5 U	UR	0.5 U	0.5 U	NA	0.5 U
2-Hexanone	1 U	1 U	1 U	1 U	NA	1 U
4-Methyl-2-Pentanone (MIBK)	1 U	1 U	1 U	1 U	NA	1 U
Acetone	4.7	2.7	1.1	4.3 U	NA	1 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Bromoform	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Bromomethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW083	AGW083	AGW083	AGW083	AGW095	AGW095
	AGW083-021122	AGW083-030521	AGW083-040602	AGW083-041130	AGW095-50	AGW095-031217
Lab Sample ID:	EZ98G	FM53D	GR48D	HK28G	GE23A	GD88B
Sampling Date:	11/22/2002	5/21/2003	6/2/2004	11/30/2004	12/16/2003	12/17/2003
Carbon Disulfide	0.6	0.2 U	0.2 U	0.2 U	NA	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Chloroethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Chloromethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.6
cis-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.3
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Ethylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
m,p-Xylene	0.4 U	0.4 U	0.4 U	0.4 U	NA	0.4 U
Methylene Chloride	0.3 U	0.3 U	0.3 U	0.3 U	NA	0.3 U
o-Xylene	0.2 UJ	0.2 U	0.2 U	0.2 U	NA	0.2 U
Styrene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.4
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Trichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	NA	3.1
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Vinyl Acetate	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Vinyl Chloride	0.2 U	0.2 U	0.02 U	0.02 U	NA	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW095 AGW095-040301	AGW095 AGW095-040607	AGW095 AGW095-040817	AGW095 AGW095-041202	AGW098 AGW098-85	AGW098 AGW098-031217
Lab Sample ID:	GJ41D	GR85B	GY66E	HK52B	GE23D	GD88C
Sampling Date:	3/1/2004	6/7/2004	8/17/2004	12/2/2004	12/16/2003	12/17/2003
CONVENTIONAL CHEMISTRY PARAMETERS						
(mg/L Unless Otherwise Noted)						
Alkalinity (CaCO3)	77	70.3	83.5	84	NA	70
Chloride	2.7	2.9	2.8	3	NA	2.6
N-Ammonia	0.01	0.023	0.014	0.023	NA	0.03
Nitrate + Nitrite (NO3+NO2)	0.79	1.05	0.919 J	1.16	NA	0.56
N-Nitrate	0.77	1.05	0.919 J	1.15	NA	0.56
N-Nitrite	0.019	0.01 U	0.01 UJ	0.013	NA	0.01 U
Sulfate	24	20.1	23.2	21.6	NA	16
Sulfide	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.05 U
Sulfite	NA	NA	1.7 U	1.5 U	NA	NA
Total Dissolved Solids	140	161	162	168	NA	130
Total Organic Carbon	1.5 U	1.89	1.5 U	1.5 U	NA	1.5 U
Total Suspended Solids	46	28.8	23.7	23.9	NA	8.2
Total Organic Carbon (%)	NA	NA	NA	NA	0.066	NA
Total Solids (%)	NA	NA	NA	NA	91	NA
TOTAL METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	2.33	0.55	1.46	NA	NA	0.32
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.05 UJ
Arsenic	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
Barium	0.021	0.011	0.011	0.012	NA	0.006
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	NA	0.002 U
Calcium	21.1	19.5	23.5	NA	NA	17.3
Chromium	0.005 U	0.005 U	0.005 U	0.024	NA	0.045
Cobalt	0.007	0.005	0.006	NA	NA	0.003 U
Copper	0.006	0.002 U	0.003	0.003	NA	0.003
Iron	1.86	0.53	1.03	0.98	NA	0.44
Lead	0.001	0.001 U	0.001 U	0.001 U	NA	0.001 U
Magnesium	6.44	5.91	6.55	NA	NA	5.3
Manganese	0.306	0.117	0.107	0.102	NA	0.012
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	NA	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.02	NA	0.04
Potassium	3	3	3.3	NA	NA	2.4
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	NA	0.003 U
Sodium	9.4	8.8	10	NA	NA	8.6
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
Vanadium	0.005	0.003 U	0.004	0.003	NA	0.003 U
Zinc	0.025	0.008	0.009	0.017	NA	0.036

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW095 AGW095-040301	AGW095 AGW095-040607	AGW095 AGW095-040817	AGW095 AGW095-041202	AGW098 AGW098-85	AGW098 AGW098-031217
Lab Sample ID:	GJ41D	GR85B	GY66E	HK52B	GE23D	GD88C
Sampling Date:	3/1/2004	6/7/2004	8/17/2004	12/2/2004	12/16/2003	12/17/2003
DISSOLVED METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.05 U	0.05 U	0.05 U	NA	NA	0.05 U
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.05 U
Arsenic	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
Barium	0.005	0.003 U	0.005	0.004	NA	0.005
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	NA	0.002 U
Calcium	22.3	20.5	22.8	NA	NA	18.1
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U
Cobalt	0.006	0.004	0.005	NA	NA	0.003 U
Copper	0.003	0.002 U	0.002 U	0.002 U	NA	0.002 U
Hexavalent Chrome	UR	0.011 U	0.011 U	0.011 U	NA	0.01 U
Iron	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.05 U
Lead	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
Magnesium	6.98	5.92	6.92	NA	NA	5.65
Manganese	0.311	0.113	0.092	0.088	NA	0.004
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	NA	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U
Potassium	3.3	3.3	3.1	NA	NA	2.7
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	NA	0.003 U
Sodium	9.9	9.4	9.9	NA	NA	9.5
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
Vanadium	0.003 U	0.003 U	0.003 U	0.003 U	NA	0.003 U
Zinc	0.008	0.007	0.006 U	0.006 U	NA	0.006 U
POLYCHLORINATED BIPHENYLS (PCBs)						
EPA Method 8081 (ug/L)						
Aroclor 1016	NA	NA	NA	NA	NA	NA
Aroclor 1221	NA	NA	NA	NA	NA	NA
Aroclor 1232	NA	NA	NA	NA	NA	NA
Aroclor 1242	NA	NA	NA	NA	NA	NA
Aroclor 1248	NA	NA	NA	NA	NA	NA
Aroclor 1254	NA	NA	NA	NA	NA	NA
Aroclor 1260	NA	NA	NA	NA	NA	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW095	AGW095	AGW095	AGW095	AGW098	AGW098
	AGW095-040301	AGW095-040607	AGW095-040817	AGW095-041202	AGW098-85	AGW098-031217
Lab Sample ID:	GJ41D	GR85B	GY66E	HK52B	GE23D	GD88C
Sampling Date:	3/1/2004	6/7/2004	8/17/2004	12/2/2004	12/16/2003	12/17/2003
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)						
EPA Method 8270 (ug/L)						
1,2,4-Trichlorobenzene	1 U	NA	1 U	1 U	NA	NA
1,2-Dichlorobenzene	1 U	NA	1 U	1 U	NA	NA
1,3-Dichlorobenzene	1 U	NA	1 U	1 U	NA	NA
1,4-Dichlorobenzene	1 U	NA	1 U	1 U	NA	NA
2,2'-Oxybis(1-Chloropropane)	1 U	NA	1 U	1 U	NA	NA
2,4,5-Trichlorophenol	5 U	NA	5 U	5 U	NA	NA
2,4,6-Trichlorophenol	5 U	NA	5 U	5 U	NA	NA
2,4-Dichlorophenol	3 U	NA	3 U	5 U	NA	NA
2,4-Dimethylphenol	3 U	NA	3 U	1 U	NA	NA
2,4-Dinitrophenol	25 U	NA	25 U	10 U	NA	NA
2,4-Dinitrotoluene	5 U	NA	5 U	5 U	NA	NA
2,6-Dinitrotoluene	5 U	NA	5 U	5 U	NA	NA
2-Chloronaphthalene	1 U	NA	1 U	1 U	NA	NA
2-Chlorophenol	1 U	NA	1 U	1 U	NA	NA
2-Methylnaphthalene	1 U	NA	1 U	1 U	NA	NA
2-Methylphenol	1 U	NA	1 U	1 U	NA	NA
2-Nitroaniline	5 U	NA	5 U	5 U	NA	NA
2-Nitrophenol	5 U	NA	5 U	5 U	NA	NA
3,3'-Dichlorobenzidine	5 U	NA	5 U	5 U	NA	NA
3-Nitroaniline	6 U	NA	6 U	5 U	NA	NA
4,6-Dinitro-2-methylphenol	15 U	NA	15 U	10 U	NA	NA
4-Bromophenyl-phenylether	1 U	NA	1 U	1 U	NA	NA
4-Chloro-3-methylphenol	2 U	NA	2 U	5 U	NA	NA
4-Chloroaniline	3 U	NA	3 U	5 U	NA	NA
4-Chlorophenyl-phenylether	1 U	NA	1 U	1 U	NA	NA
4-Methylphenol	1 U	NA	1 U	1 U	NA	NA
4-Nitroaniline	5 U	NA	5 U	5 U	NA	NA
4-Nitrophenol	5 U	NA	5 U	5 U	NA	NA
Acenaphthene	1 U	NA	1 U	1 U	NA	NA
Acenaphthylene	1 U	NA	1 U	1 U	NA	NA
Anthracene	1 U	NA	1 U	1 U	NA	NA
Benzo(a)anthracene	1 U	NA	1 U	1 U	NA	NA
Benzo(a)pyrene	1 U	NA	1 U	1 U	NA	NA
Benzo(b)fluoranthene	1 U	NA	1 U	1 U	NA	NA
Benzo(g,h,i)perylene	1 U	NA	1 U	1 U	NA	NA
Benzo(k)fluoranthene	1 U	NA	1 U	1 U	NA	NA
Benzoic Acid	10 U	NA	10 U	10 U	NA	NA
Benzyl Alcohol	5 U	NA	5 U	5 U	NA	NA
bis(2-Chloroethoxy) methane	1 U	NA	1 U	1 U	NA	NA
Bis-(2-Chloroethyl) ether	2 U	NA	2 U	1 U	NA	NA
bis(2-Ethylhexyl)phthalate	1 U	NA	1.1	1 U	NA	NA
Butylbenzylphthalate	1 U	NA	1 U	1 U	NA	NA
Carbazole	1 U	NA	1 U	1 U	NA	NA
Chrysene	1 U	NA	1 U	1 U	NA	NA
Dibenz(a,h)anthracene	1 U	NA	1 U	1 U	NA	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW095 AGW095-040301	AGW095 AGW095-040607	AGW095 AGW095-040817	AGW095 AGW095-041202	AGW098 AGW098-85	AGW098 AGW098-031217
Lab Sample ID:	GJ41D	GR85B	GY66E	HK52B	GE23D	GD88C
Sampling Date:	3/1/2004	6/7/2004	8/17/2004	12/2/2004	12/16/2003	12/17/2003
Dibenzofuran	1 U	NA	1 U	1 U	NA	NA
Diethylphthalate	1 U	NA	1 U	1 U	NA	NA
Dimethylphthalate	1 U	NA	1 U	1 U	NA	NA
Di-n-Butylphthalate	1 U	NA	1 U	1 U	NA	NA
Di-n-Octyl phthalate	1 U	NA	1 U	1 U	NA	NA
Fluoranthene	1 U	NA	1 U	1 U	NA	NA
Fluorene	1 U	NA	1 U	1 U	NA	NA
Hexachlorobenzene	1 U	NA	1 U	1 U	NA	NA
Hexachlorobutadiene	2 U	NA	2 U	1 U	NA	NA
Hexachlorocyclopentadiene	5 U	NA	5 U	5 U	NA	NA
Hexachloroethane	2 U	NA	2 U	1 U	NA	NA
Indeno(1,2,3-cd)pyrene	1 U	NA	1 U	1 U	NA	NA
Isophorone	1 U	NA	1 U	1 U	NA	NA
Naphthalene	1 U	NA	1 U	1 U	NA	NA
Nitrobenzene	1 U	NA	1 U	1 U	NA	NA
N-Nitroso-Di-N-Propylamine	2 U	NA	2 U	5 U	NA	NA
N-Nitrosodiphenylamine	1 U	NA	1 U	1 U	NA	NA
Pentachlorophenol	5 U	NA	5 U	5 U	NA	NA
Phenanthrene	1 U	NA	1 U	1 U	NA	NA
Phenol	2 U	NA	2 U	1 U	NA	NA
Pyrene	1 U	NA	1 U	1 U	NA	NA
PETROLEUM HYDROCARBONS						
NWTPH-Dx (mg/L)						
Diesel Range Hydrocarbons	0.25 U	0.25 U	0.25 U	0.25 U	NA	0.25 U
Jet-A	NA	NA	NA	NA	NA	NA
Motor Oil	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)						
EPA Method 8260B (ug/L)						
1,1,1-Trichloroethane	1	2.8	0.6	0.3	NA	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
1,1-Dichloroethene	0.1 J	0.062	0.04	0.031	NA	0.2 U
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
2-Butanone	1 U	1 U	1 U	1 U	NA	1 U
2-Chloroethylvinylether	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.5 U
2-Hexanone	1 U	1 U	1 U	1 U	NA	1 U
4-Methyl-2-Pentanone (MIBK)	1 U	1 U	1 U	1 U	NA	1 U
Acetone	1 U	1 U	1 U	8.4 U	NA	1 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Bromoform	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Bromomethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW095	AGW095	AGW095	AGW095	AGW098	AGW098
	AGW095-040301	AGW095-040607	AGW095-040817	AGW095-041202	AGW098-85	AGW098-031217
Lab Sample ID:	GJ41D	GR85B	GY66E	HK52B	GE23D	GD88C
Sampling Date:	3/1/2004	6/7/2004	8/17/2004	12/2/2004	12/16/2003	12/17/2003
Carbon Disulfide	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Chloroethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Chloromethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
cis-1,2-Dichloroethene	0.3	0.3	0.2	0.2 U	NA	0.2 U
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Ethylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
m,p-Xylene	0.4 U	0.4 U	0.4 U	0.4 U	NA	0.4 U
Methylene Chloride	0.3 U	0.3 U	0.3 U	0.3 U	NA	0.3 U
o-Xylene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Styrene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Tetrachloroethene	0.3	0.4	0.4	0.3	NA	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Trichloroethene	2.9	2.5	3	2.5	NA	1.1
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Vinyl Acetate	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Vinyl Chloride	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW098 AGW098-040301	AGW098 AGW098-040607	AGW098 AGW098-040817	AGW098 AGW098-041202	AGW105 AGW105-040602	AGW105 AGW105-041201
Lab Sample ID:	GJ41E	GR85C	GY66F	HK52C	GR48F	HK38B
Sampling Date:	3/1/2004	6/7/2004	8/17/2004	12/2/2004	6/2/2004	12/1/2004
CONVENTIONAL CHEMISTRY PARAMETERS						
(mg/L Unless Otherwise Noted)						
Alkalinity (CaCO3)	67	66.9	64.9	67.6	150	163
Chloride	2.5	2.6	2.5	2.8	3.3	3.8
N-Ammonia	0.01 U	0.024	0.01 U	0.019	0.08	0.105
Nitrate + Nitrite (NO3+NO2)	0.42	0.354	0.409 J	0.541	0.01 U	0.01 U
N-Nitrate	0.42	0.354	0.409 J	0.541	0.01 U	0.01 U
N-Nitrite	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U
Sulfate	17	14.1	16.5	16.2	4.7	4.6
Sulfide	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Sulfite	NA	136	1.7 U	1.5 U	NA	1.5 U
Total Dissolved Solids	130	NA	108	140	212	222 J
Total Organic Carbon	1.5 U	1.78	1.5 U	1.5 U	7.91	5.78
Total Suspended Solids	2.3	38.3	1	2.2	51.2	49.9 J
Total Organic Carbon (%)	NA	NA	NA	NA	NA	NA
Total Solids (%)	NA	NA	NA	NA	NA	NA
TOTAL METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.05 U	0.05 U	0.05	NA	2.4	NA
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001 U	0.001 U	0.001 U	0.005	0.006
Barium	0.005	0.004	0.003 U	0.003 U	0.021	0.021
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	18.2	17.8	17.2	NA	31.1	NA
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.003 U	0.003 U	0.003 U	NA	0.003 U	NA
Copper	0.002 U	0.002 U	0.002 U	0.002 U	0.008	0.004
Iron	0.07	0.05 U	0.07	0.09	4.14	4.33
Lead	0.001 U	0.001	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium	5.67	5.36	5.26	NA	11.7	NA
Manganese	0.002	0.001 U	0.002	0.001 U	0.139	0.128 J
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	2.7	2.7	2.5	NA	4.6	NA
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	8.8	8.5	8.4	NA	18.3	NA
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.003 U	0.003 U	0.003 U	0.003 U	0.017	0.017
Zinc	0.014	0.009	0.006 U	0.006 U	0.014	0.007

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW098 AGW098-040301	AGW098 AGW098-040607	AGW098 AGW098-040817	AGW098 AGW098-041202	AGW105 AGW105-040602	AGW105 AGW105-041201
Lab Sample ID:	GJ41E	GR85C	GY66F	HK52C	GR48F	HK38B
Sampling Date:	3/1/2004	6/7/2004	8/17/2004	12/2/2004	6/2/2004	12/1/2004
DISSOLVED METALS						
EPA Method 6000/7000 Series (mg/L)						
Aluminum	0.05 U	0.05 U	0.05 U	NA	0.05 U	NA
Antimony	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	0.001 U	0.001 U	0.001 U	0.001 U	0.005	0.006
Barium	0.004	0.003 U	0.003 U	0.003 U	0.009	0.011
Beryllium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	18.9	17.8	17.4	NA	30.9	NA
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.003 U	0.003 U	0.003 U	NA	0.003 U	NA
Copper	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Hexavalent Chrome	UR	0.011 U	0.011 U	0.011 U	0.011 J	UR
Iron	0.05 U	0.05 U	0.05 U	0.05 U	1.84	2.2
Lead	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium	6.04	5.41	5.18	NA	11.2	NA
Manganese	0.001 U	0.001 U	0.001 U	0.001 U	0.128	0.119
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	2.9	2.7	2.8	NA	4.7	NA
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Sodium	9	8.4	8.6	NA	18.6	NA
Thallium	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	0.003 U	0.003 U	0.003 U	0.003 U	0.004	0.006
Zinc	0.006 U	0.006 U	0.006 U	0.006 U	0.007	0.006 U
POLYCHLORINATED BIPHENYLS (PCBs)						
EPA Method 8081 (ug/L)						
Aroclor 1016	NA	NA	NA	NA	NA	NA
Aroclor 1221	NA	NA	NA	NA	NA	NA
Aroclor 1232	NA	NA	NA	NA	NA	NA
Aroclor 1242	NA	NA	NA	NA	NA	NA
Aroclor 1248	NA	NA	NA	NA	NA	NA
Aroclor 1254	NA	NA	NA	NA	NA	NA
Aroclor 1260	NA	NA	NA	NA	NA	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW098	AGW098	AGW098	AGW098	AGW105	AGW105
	AGW098-040301	AGW098-040607	AGW098-040817	AGW098-041202	AGW105-040602	AGW105-041201
Lab Sample ID:	GJ41E	GR85C	GY66F	HK52C	GR48F	HK38B
Sampling Date:	3/1/2004	6/7/2004	8/17/2004	12/2/2004	6/2/2004	12/1/2004
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)						
EPA Method 8270 (ug/L)						
1,2,4-Trichlorobenzene	1 U	NA	1 U	1 U	NA	NA
1,2-Dichlorobenzene	1 U	NA	1 U	1 U	NA	NA
1,3-Dichlorobenzene	1 U	NA	1 U	1 U	NA	NA
1,4-Dichlorobenzene	1 U	NA	1 U	1 U	NA	NA
2,2'-Oxybis(1-Chloropropane)	1 U	NA	1 U	1 U	NA	NA
2,4,5-Trichlorophenol	5 U	NA	5 U	5 U	NA	NA
2,4,6-Trichlorophenol	5 U	NA	5 U	5 U	NA	NA
2,4-Dichlorophenol	3 U	NA	3 U	5 U	NA	NA
2,4-Dimethylphenol	3 U	NA	3 U	1 U	NA	NA
2,4-Dinitrophenol	25 U	NA	25 U	10 U	NA	NA
2,4-Dinitrotoluene	5 U	NA	5 U	5 U	NA	NA
2,6-Dinitrotoluene	5 U	NA	5 U	5 U	NA	NA
2-Chloronaphthalene	1 U	NA	1 U	1 U	NA	NA
2-Chlorophenol	1 U	NA	1 U	1 U	NA	NA
2-Methylnaphthalene	1 U	NA	1 U	1 U	NA	NA
2-Methylphenol	1 U	NA	1 U	1 U	NA	NA
2-Nitroaniline	5 U	NA	5 U	5 U	NA	NA
2-Nitrophenol	5 U	NA	5 U	5 U	NA	NA
3,3'-Dichlorobenzidine	5 U	NA	5 U	5 U	NA	NA
3-Nitroaniline	6 U	NA	6 U	5 U	NA	NA
4,6-Dinitro-2-methylphenol	15 U	NA	15 U	10 U	NA	NA
4-Bromophenyl-phenylether	1 U	NA	1 U	1 U	NA	NA
4-Chloro-3-methylphenol	2 U	NA	2 U	5 U	NA	NA
4-Chloroaniline	3 U	NA	3 U	5 U	NA	NA
4-Chlorophenyl-phenylether	1 U	NA	1 U	1 U	NA	NA
4-Methylphenol	1 U	NA	1 U	1 U	NA	NA
4-Nitroaniline	5 U	NA	5 U	5 U	NA	NA
4-Nitrophenol	5 U	NA	5 U	5 U	NA	NA
Acenaphthene	1 U	NA	1 U	1 U	NA	NA
Acenaphthylene	1 U	NA	1 U	1 U	NA	NA
Anthracene	1 U	NA	1 U	1 U	NA	NA
Benzo(a)anthracene	1 U	NA	1 U	1 U	NA	NA
Benzo(a)pyrene	1 U	NA	1 U	1 U	NA	NA
Benzo(b)fluoranthene	1 U	NA	1 U	1 U	NA	NA
Benzo(g,h,i)perylene	1 U	NA	1 U	1 U	NA	NA
Benzo(k)fluoranthene	1 U	NA	1 U	1 U	NA	NA
Benzoic Acid	10 U	NA	10 U	10 U	NA	NA
Benzyl Alcohol	5 U	NA	5 U	5 U	NA	NA
bis(2-Chloroethoxy) methane	1 U	NA	1 U	1 U	NA	NA
Bis-(2-Chloroethyl) ether	2 U	NA	2 U	1 U	NA	NA
bis(2-Ethylhexyl)phthalate	1 U	NA	470	1 U	NA	NA
Butylbenzylphthalate	1 U	NA	1 U	1 U	NA	NA
Carbazole	1 U	NA	1 U	1 U	NA	NA
Chrysene	1 U	NA	1 U	1 U	NA	NA
Dibenz(a,h)anthracene	1 U	NA	1 U	1 U	NA	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW098 AGW098-040301	AGW098 AGW098-040607	AGW098 AGW098-040817	AGW098 AGW098-041202	AGW105 AGW105-040602	AGW105 AGW105-041201
Lab Sample ID:	GJ41E	GR85C	GY66F	HK52C	GR48F	HK38B
Sampling Date:	3/1/2004	6/7/2004	8/17/2004	12/2/2004	6/2/2004	12/1/2004
Dibenzofuran	1 U	NA	1 U	1 U	NA	NA
Diethylphthalate	1 U	NA	1 U	1 U	NA	NA
Dimethylphthalate	1 U	NA	1 U	1 U	NA	NA
Di-n-Butylphthalate	1 U	NA	1 U	1 U	NA	NA
Di-n-Octyl phthalate	1 U	NA	1 U	1 U	NA	NA
Fluoranthene	1 U	NA	1 U	1 U	NA	NA
Fluorene	1 U	NA	1 U	1 U	NA	NA
Hexachlorobenzene	1 U	NA	1 U	1 U	NA	NA
Hexachlorobutadiene	2 U	NA	2 U	1 U	NA	NA
Hexachlorocyclopentadiene	5 U	NA	5 U	5 U	NA	NA
Hexachloroethane	2 U	NA	2 U	1 U	NA	NA
Indeno(1,2,3-cd)pyrene	1 U	NA	1 U	1 U	NA	NA
Isophorone	1 U	NA	1 U	1 U	NA	NA
Naphthalene	1 U	NA	1 U	1 U	NA	NA
Nitrobenzene	1 U	NA	1 U	1 U	NA	NA
N-Nitroso-Di-N-Propylamine	2 U	NA	2 U	5 U	NA	NA
N-Nitrosodiphenylamine	1 U	NA	1 U	1 U	NA	NA
Pentachlorophenol	5 U	NA	5 U	5 U	NA	NA
Phenanthrene	1 U	NA	1 U	1 U	NA	NA
Phenol	2 U	NA	2 U	1 U	NA	NA
Pyrene	1 U	NA	1 U	1 U	NA	NA
PETROLEUM HYDROCARBONS						
NWTPH-Dx (mg/L)						
Diesel Range Hydrocarbons	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Jet-A	NA	NA	NA	NA	NA	NA
Motor Oil	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOLATILE ORGANIC COMPOUNDS (VOCs)						
EPA Method 8260B (ug/L)						
1,1,1-Trichloroethane	0.3	0.3	0.3	0.2	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	0.02 U	0.02 U	0.022	0.02 U	0.027	0.027
1,2-Dichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	1 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethylvinylether	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-Pentanone (MIBK)	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	1 U	1 U	1 U	1.2 U	1	1 U
Benzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromomethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW098 AGW098-040301	AGW098 AGW098-040607	AGW098 AGW098-040817	AGW098 AGW098-041202	AGW105 AGW105-040602	AGW105 AGW105-041201
Lab Sample ID:	GJ41E	GR85C	GY66F	HK52C	GR48F	HK38B
Sampling Date:	3/1/2004	6/7/2004	8/17/2004	12/2/2004	6/2/2004	12/1/2004
Carbon Disulfide	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	1.1	0.8
cis-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Methylene Chloride	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
o-Xylene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrachloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	1.3	1.6	1.5	1.4	0.8	0.7
Trichlorofluoromethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	0.034 J	0.02 U	0.02 U	0.02 U	0.82	1.8

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW105	
	AGW105-050524	
Lab Sample ID:	IC20F	
Sampling Date:	5/24/2005	

CONVENTIONAL CHEMISTRY PARAMETERS	
(mg/L Unless Otherwise Noted)	
Alkalinity (CaCO3)	NA
Chloride	NA
N-Ammonia	NA
Nitrate + Nitrite (NO3+NO2)	NA
N-Nitrate	NA
N-Nitrite	NA
Sulfate	NA
Sulfide	NA
Sulfite	NA
Total Dissolved Solids	NA
Total Organic Carbon	NA
Total Suspended Solids	NA
Total Organic Carbon (%)	NA
Total Solids (%)	NA
TOTAL METALS	
EPA Method 6000/7000 Series (mg/L)	
Aluminum	NA
Antimony	NA
Arsenic	NA
Barium	NA
Beryllium	NA
Cadmium	NA
Calcium	NA
Chromium	NA
Cobalt	NA
Copper	NA
Iron	NA
Lead	NA
Magnesium	NA
Manganese	NA
Mercury	NA
Nickel	NA
Potassium	NA
Selenium	NA
Silver	NA
Sodium	NA
Thallium	NA
Vanadium	NA
Zinc	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW105	
	AGW105-050524	
Lab Sample ID:	IC20F	
Sampling Date:	5/24/2005	
DISSOLVED METALS		
EPA Method 6000/7000 Series (mg/L)		
Aluminum	NA	
Antimony	NA	
Arsenic	NA	
Barium	NA	
Beryllium	NA	
Cadmium	NA	
Calcium	NA	
Chromium	NA	
Cobalt	NA	
Copper	NA	
Hexavalent Chrome	NA	
Iron	NA	
Lead	NA	
Magnesium	NA	
Manganese	NA	
Mercury	NA	
Nickel	NA	
Potassium	NA	
Selenium	NA	
Silver	NA	
Sodium	NA	
Thallium	NA	
Vanadium	NA	
Zinc	NA	
POLYCHLORINATED BIPHENYLS (PCBs)		
EPA Method 8081 (ug/L)		
Aroclor 1016	NA	
Aroclor 1221	NA	
Aroclor 1232	NA	
Aroclor 1242	NA	
Aroclor 1248	NA	
Aroclor 1254	NA	
Aroclor 1260	NA	

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

Sample ID:	AGW105
	AGW105-050524
Lab Sample ID:	IC20F
Sampling Date:	5/24/2005

SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)	
EPA Method 8270 (ug/L)	
1,2,4-Trichlorobenzene	NA
1,2-Dichlorobenzene	NA
1,3-Dichlorobenzene	NA
1,4-Dichlorobenzene	NA
2,2'-Oxybis(1-Chloropropane)	NA
2,4,5-Trichlorophenol	NA
2,4,6-Trichlorophenol	NA
2,4-Dichlorophenol	NA
2,4-Dimethylphenol	NA
2,4-Dinitrophenol	NA
2,4-Dinitrotoluene	NA
2,6-Dinitrotoluene	NA
2-Chloronaphthalene	NA
2-Chlorophenol	NA
2-Methylnaphthalene	NA
2-Methylphenol	NA
2-Nitroaniline	NA
2-Nitrophenol	NA
3,3'-Dichlorobenzidine	NA
3-Nitroaniline	NA
4,6-Dinitro-2-methylphenol	NA
4-Bromophenyl-phenylether	NA
4-Chloro-3-methylphenol	NA
4-Chloroaniline	NA
4-Chlorophenyl-phenylether	NA
4-Methylphenol	NA
4-Nitroaniline	NA
4-Nitrophenol	NA
Acenaphthene	NA
Acenaphthylene	NA
Anthracene	NA
Benzo(a)anthracene	NA
Benzo(a)pyrene	NA
Benzo(b)fluoranthene	NA
Benzo(g,h,i)perylene	NA
Benzo(k)fluoranthene	NA
Benzoic Acid	NA
Benzyl Alcohol	NA
bis(2-Chloroethoxy) methane	NA
Bis-(2-Chloroethyl) ether	NA
bis(2-Ethylhexyl)phthalate	NA
Butylbenzylphthalate	NA
Carbazole	NA
Chrysene	NA
Dibenz(a,h)anthracene	NA

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

	Sample ID:	AGW105
		AGW105-050524
	Lab Sample ID:	IC20F
	Sampling Date:	5/24/2005
Dibenzofuran		NA
Diethylphthalate		NA
Dimethylphthalate		NA
Di-n-Butylphthalate		NA
Di-n-Octyl phthalate		NA
Fluoranthene		NA
Fluorene		NA
Hexachlorobenzene		NA
Hexachlorobutadiene		NA
Hexachlorocyclopentadiene		NA
Hexachloroethane		NA
Indeno(1,2,3-cd)pyrene		NA
Isophorone		NA
Naphthalene		NA
Nitrobenzene		NA
N-Nitroso-Di-N-Propylamine		NA
N-Nitrosodiphenylamine		NA
Pentachlorophenol		NA
Phenanthrene		NA
Phenol		NA
Pyrene		NA
PETROLEUM HYDROCARBONS		
NWTPH-Dx (mg/L)		
Diesel Range Hydrocarbons		NA
Jet-A		NA
Motor Oil		NA
VOLATILE ORGANIC COMPOUNDS (VOCs)		
EPA Method 8260B (ug/L)		
1,1,1-Trichloroethane		0.2 U
1,1,2,2-Tetrachloroethane		0.2 U
1,1,2-Trichloroethane		0.2 U
1,1,2-Trichlorotrifluoroethane		0.2 U
1,1-Dichloroethane		0.2 U
1,1-Dichloroethene		0.030
1,2-Dichloroethane		0.2 U
1,2-Dichloropropane		0.2 U
2-Butanone		1.0 U
2-Chloroethylvinylether		0.5 U
2-Hexanone		1.0 U
4-Methyl-2-Pentanone (MIBK)		1.0 U
Acetone		1.0 U
Benzene		0.2 U
Bromodichloromethane		0.2 U
Bromoform		0.2 U
Bromomethane		0.2 U

TABLE C-1
PERIMETER ROAD HISTORIC ANALYTICAL DATA: 2000-2005
BOEING AUBURN
DATA SOURCE: GEOMATRIX CONSULTANTS

	Sample ID:	AGW105
		AGW105-050524
	Lab Sample ID:	IC20F
	Sampling Date:	5/24/2005
Carbon Disulfide		0.2 U
Carbon Tetrachloride		0.2 U
Chlorobenzene		0.2 U
Chloroethane		0.2 U
Chloroform		0.2 U
Chloromethane		0.2 U
cis-1,2-Dichloroethene		1.0
cis-1,3-Dichloropropene		0.2 U
Dibromochloromethane		0.2 U
Ethylbenzene		0.2 U
m,p-Xylene		0.4 U
Methylene Chloride		0.3 U
o-Xylene		0.2 U
Styrene		0.2 U
Tetrachloroethene		0.2 U
Toluene		0.2 U
trans-1,2-Dichloroethene		0.2 U
trans-1,3-Dichloropropene		0.2 U
Trichloroethene		0.8
Trichlorofluoromethane		0.2 U
Vinyl Acetate		0.2 U
Vinyl Chloride		0.97

Notes:
Data Source: Geomatrix Access database
NA = The anlayte was not analyzed for this sample.
U = Indicates the compound was undetected at the reported concentration
UJ = The analyte was not detected in the sample; the reported sample detection limit is an estimate
J = Indicates the analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R, UR = Indicates the sample results for this analyte are rejected based upon Geomatrix data review. The presence or absence of this analyte cannot be verified.