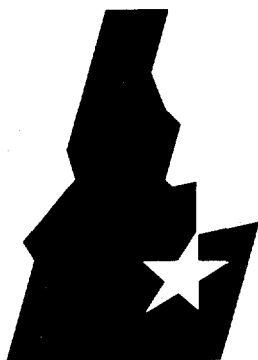


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Air Emission Inventory for the Idaho National Engineering Laboratory— 1994 Emissions Report

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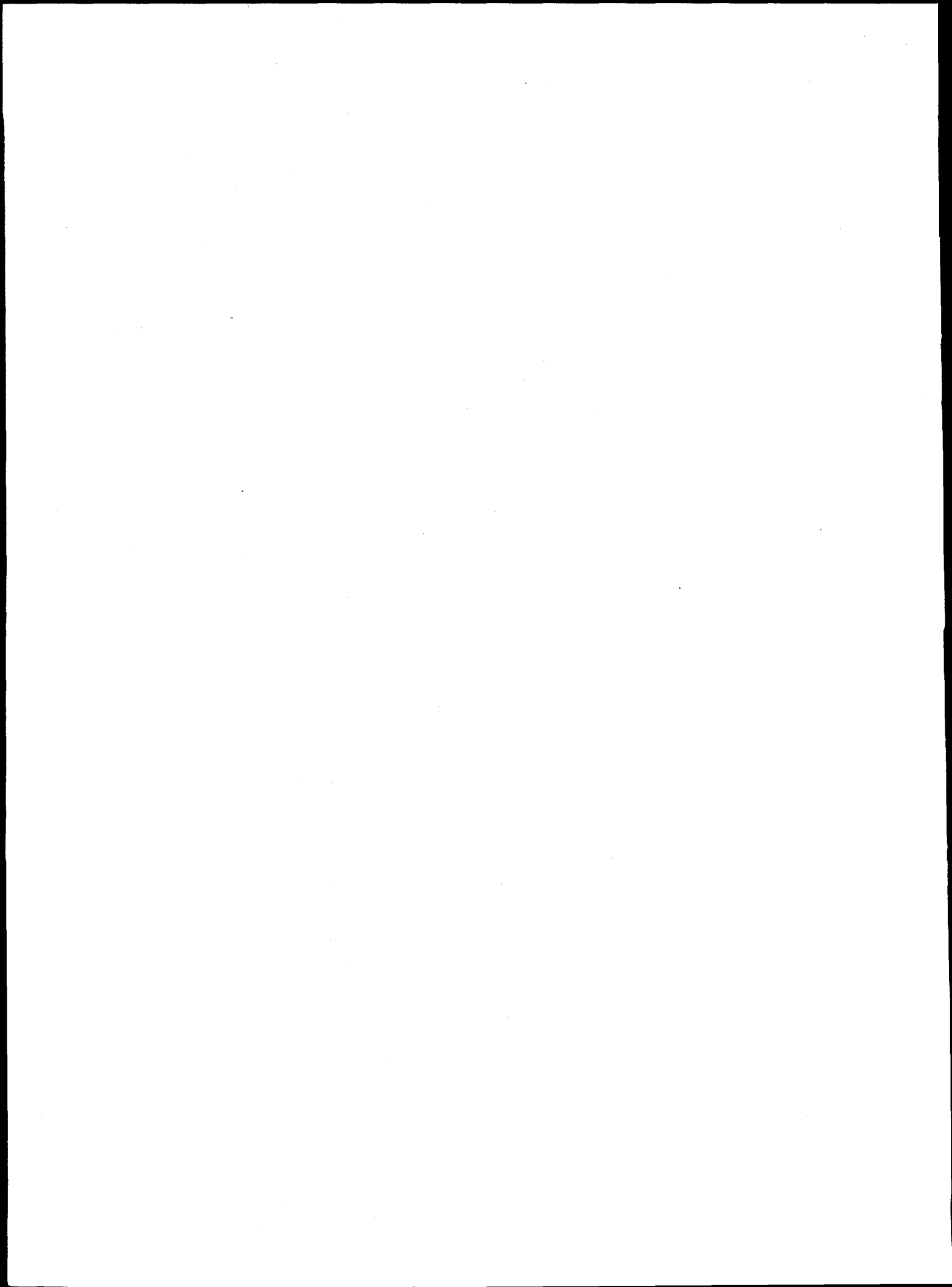
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U.S. Department of Energy
DOE Idaho Field Office**

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ABSTRACT

This report presents the 1994 update of the Air Emission Inventory for the Idaho National Engineering Laboratory (INEL). The INEL Air Emission Inventory documents sources and emissions of non-radionuclide pollutants from operations at the INEL. The report describes the emission inventory process and all of the sources at the INEL, and provides non-radionuclide emissions estimates for stationary sources.

EXECUTIVE SUMMARY

During the fall of 1989, the Air Emission Inventory was initiated at the Idaho National Engineering Laboratory (INEL) as a result of the Environmental Oversight and Monitoring Agreement between the State of Idaho and the Department of Energy Idaho Field Office, and a request from the Idaho Air Quality Bureau. The Air Emission Inventory documents sources and emissions of non-radionuclide pollutants at the INEL. Emissions of radionuclides are reported in the *Idaho National Engineering Laboratory National Emission Standards for Hazardous Air Pollutants (NESHAP) - Annual Report*. The INEL Air Emissions Inventory was used in the preparation of the INEL operating permit application, as required by Title V regulations (40 CFR 70) of the Clean Air Act and State of Idaho regulations (IDAPA 16.01.01.300 et. seq.).

The Air Emission Inventory is updated annually to reflect the previous year's emissions, changes in operating sources, and inventory refinements. The current update of the Air Emission Inventory data reflects 1994 operations. The Air Emission Inventory System, an ORACLE-based database system, maintains the emissions inventory. The INEL contractors and their associated facilities provide information to the Air Emission Inventory System to reflect annual operations. The annual update of information is utilized to calculate air emissions for the INEL.

The inventory presently maintains approximately 10,500 vents, and of those vents, approximately 650 are possible emission sources. Emission source types range from conventional fuel combustion and storage sources to nuclear reactor and research facility exhausts. The Air Emission Inventory System uses the U.S. Environmental Protection Agency's (EPA) *Compilation of Air Pollutant Emission Factors* (AP-42) calculations to estimate emissions for many of the general sources. The air contaminants reported include nitrogen oxides, sulfur oxides, carbon monoxide, volatile organic compounds, particulates, and hazardous air pollutants (HAPs). Primary non-radionuclide emissions from sources at the INEL for 1994 are presented in the table below.

Summary of primary non-radionuclide emissions at the Idaho National Engineering Laboratory for 1994.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	3.6E+02	4.4E+02	1.1E+03	3.9E+03
Nitrogen oxides	1.1E+04	6.6E+02	2.7E+03	4.0E+03
Particulates	9.7E+01	1.1E+02	2.5E+02	7.0E+02
Sulfur oxides	3.4E+02	2.2E+02	8.2E+02	3.0E+03
VOC - nonmethane	5.3E+02	2.7E+01	6.4E+02	3.0E+02

The INEL has recently completed preparation of their Title V permit to operate application under State of Idaho Regulations (IDAPA 16.01.01.300 et. seq.): the *Application for a Title V Operating Permit for the Idaho National Engineering Laboratory (INEL-95/0155-I through IX)*. During preparation of the application, variations in data and operations from that indicated in the 1993 Air Emissions Inventory were identified, and source reporting was modified. These changes are noted in Section 3 of this report. In addition, the INEL anticipates revising aspects of the Air Emissions Inventory to better reflect source categories and report format of the INEL Title V Operating Permit Application and subsequent Operating Permit. Anticipated changes for the 1995 Air Emissions Inventory are discussed in this report as well.

ACKNOWLEDGMENTS

This year, the Air Emission Inventory Report was the result of the cumulative effort of various people and the contractors at the Idaho National Engineering Laboratory: Argonne National Laboratory West; Lockheed Martin Idaho Technologies; and Westinghouse Electric Corporation. Special thanks are made to the Area Specific Coordinators for their diligence in supporting the inventory process and Title V Operating Permit Application.

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ACRONYMS

A1W	NRF Large Ship Reactor
AFSR	Argonne Fast Source Reactor
ANL-W	Argonne National Laboratory - West
AP-42	EPA Compilation of Air Pollutant Emission Factors
ARA	Auxiliary Reactor Area
BER	basic emission rate
BORAX	Boiling Water Reactor Experiment
Btu	British thermal unit
CFA	Central Facilities Area
cfm	cubic feet per minute
CFR	Code of Federal Regulations
CFSGF	Coal-Fired Steam-Generating Facility
Ci	Curie
DOE	Department of Energy
DOE-ID	Department of Energy Idaho Field Office
EB	East Butte
EBR-I	Experimental Breeder Reactor I
EBR-II	Experimental Breeder Reactor II
ECF	NRF Expanded Core Facility
EPA	Environmental Protection Agency
ER	emission rate
FAST	Fluorinel Dissolution Process and Fuel Storage
FCF	Fuel Cycle Facility
FMF	Fuel Manufacturing Facility
HEPA	high-efficiency particulate air
HFEF	Hot Fuel Examination Facility
HPTF	Howe Peak Transformer Facility
ICPP	Idaho Chemical Processing Plant
IET	Initial Engine Test
IFR	Integral Fast Reactor
INEL	Idaho National Engineering Laboratory
kW	kilowatt
LOFT	Loss of Fluid Test
MDF	Material Development Facility
mph	miles per hour
MW	megawatt
MWSF	Mixed Waste Storage Facility
NESHAPs	National Emission Standards for Hazardous Air Pollutants
NOAA	National Oceanic and Atmospheric Administration
NRF	Naval Reactor Facility
NWCF	New Waste Calcining Facility
PBF	Power Burst Facility
PCB	polychlorinated biphenyl
PER	Power Excursion Reactor
PSD	prevention of significant deterioration (State of Idaho air quality permit)
RCRA	Resource Conservation and Recovery Act
RESL	Radiological and Environmental Sciences Laboratory
RWMC	Radioactive Waste Management Complex

S1W	NRF Submarine Thermal Reactor
S5G	NRF Natural Circulation Reactor
SCF	speed correction factor
SDA	Subsurface Disposal Area
SMC	Specific Manufacturing Capability
SPERT	Special Power Excursion Reactor Test
STF	Security Training Facility
TAN	Test Area North
TRA	Test Reactor Area
TREAT	Transient Reactor Test Facility
TSA	Transuranic Storage Area
TSF	Technical Support Facility
VOC	volatile organic compound
WEDF	Waste Engineering Development Facility
WERF	Waste Experimental Reduction Facility
WMF	Waste Management Facility
WMO	Waste Management Office
WRRTF	Water Reactor Research Test Facility
ZPPR	Zero Power Physics Reactor

1. INTRODUCTION

This report presents 1994 source and emissions data for non-radionuclide pollutants from operations at the Idaho National Engineering Laboratory (INEL). Data compiled in the Air Emission Inventory was used for preparation of the INEL Tier I operating permit application required under Title V regulations (40 CFR 70) of the Clean Air Act and State of Idaho regulations (IDAPA 16.01.01.300 et. seq.). This report describes the emission inventory process used at the INEL, sources other than insignificant sources, and provides emissions estimates for stationary sources.

The INEL is an 890 square mile research facility managed by the U.S. Department of Energy (DOE) and contains approximately 600 buildings and 500 other structures. The size and complexity of the INEL required the development of the Air Emission Inventory System, an ORACLE-based database system, that maintains the emissions inventory. The Air Emission Inventory System utilizes the United States Environmental Protection Agency's (EPA's) *Compilation of Air Pollutant Emission Factors* (AP-42) calculations to estimate emissions for many of the general sources.

The 1994 Air Emission Inventory Report includes the following areas at the INEL (see Figure 1-1).

- Argonne National Laboratory-West (ANL-W)
- Central Facilities Area (CFA)
- Idaho Chemical Processing Plant (ICPP)
- Naval Reactor Facility (NRF)
- Power Burst Facility (PBF)
- Radioactive Waste Management Complex (RWMC)
- Test Area North (TAN)
- Test Reactor Area (TRA)
- Block areas
- Miscellaneous areas

The inventory presently maintains approximately 10,500 vents, and of those vents, approximately 650 are possible emission sources. Emission sources range from conventional fuel combustion and storage sources to nuclear reactor and research facility exhausts. Air contaminants reported in this inventory include nitrogen oxides, sulfur oxides, carbon monoxide, volatile organic compounds (VOCs), hazardous air pollutants (HAPs), and particulates. Emissions of radionuclides are reported in the *Idaho National Engineering Laboratory National Emission Standards for Hazardous Air Pollutants (NESHAP) - Annual Report*.

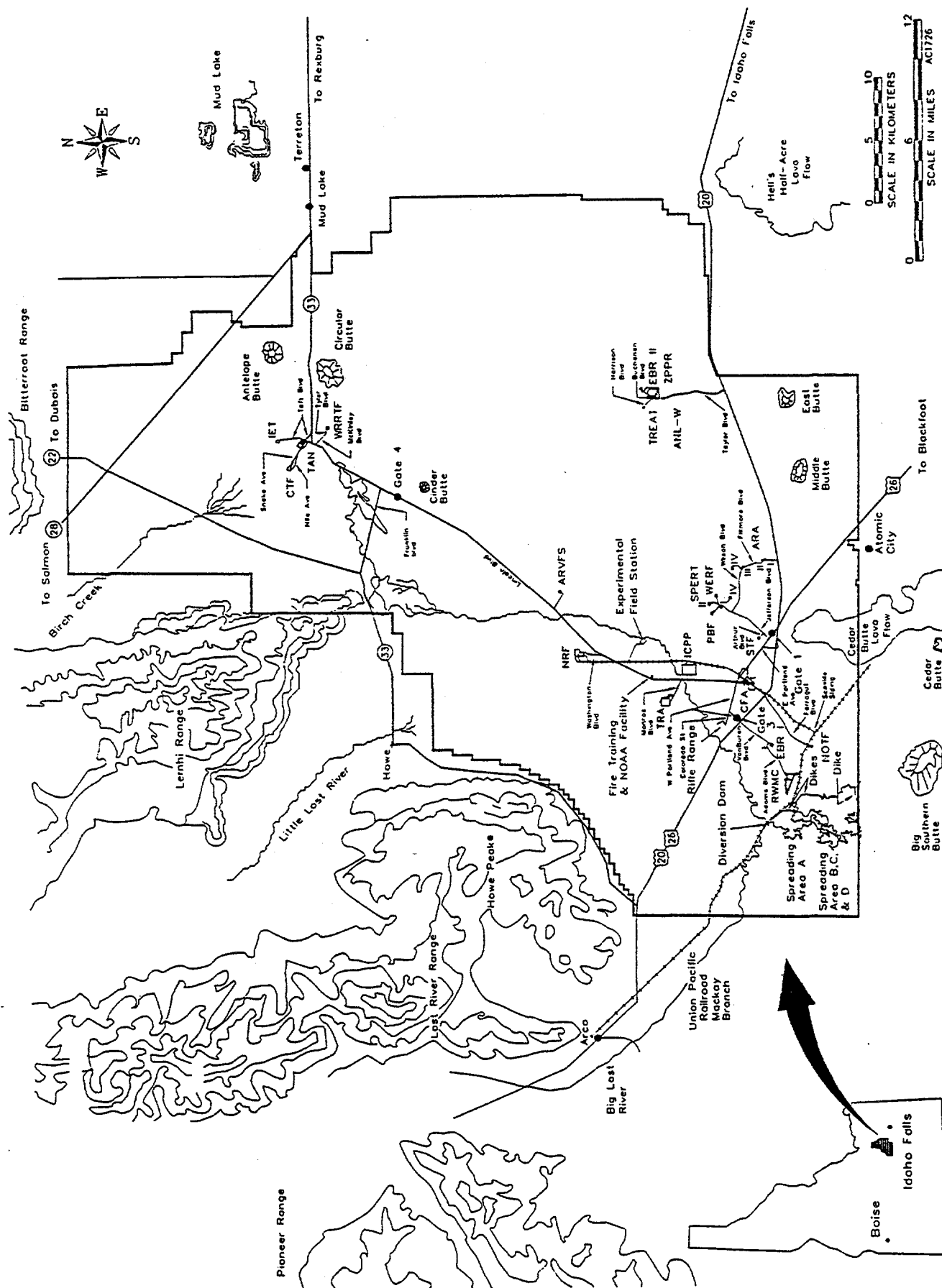


Figure 1-1. Map of the INEL Site facilities.

2. AIR EMISSION INVENTORY PROCESS

The Air Emission Inventory process was initiated at the INEL in 1989. In order to evaluate all of the potential sources of air contamination at the INEL, every vent was inventoried. The process was implemented in three phase(i.e., Phases I, II and III) to ensure comprehensive and accurate data. Data collected from each phase of the inventory process were compiled and managed on an ORACLE-based data management system. Since the initial 1989 inventory process, the Air Emission Inventory System has been redesigned to reflect a production database system. The new Air Emission Inventory System has been incorporated into an INEL-wide effluent inventory: the INEL Effluent Inventory System.

The INEL maintains a current inventory of emission sources which reflects any new or upgraded structures, vents, and sources.

2.1 Air Emission Inventory Phase I

Phase I of the INEL Air Emissions Inventory included four activities: identification of potential emission points from existing inventories, surveys of buildings and potential sources, a preliminary classification to eliminate vents that were not potential air pollution sources, and an evaluation of existing air permits and permit applications.

2.1.1 Acquisition of Existing Data

Previous air emission inventories were evaluated to determine the usefulness of the compiled data for the initial Air Emission Inventory. Data used from an existing inventory were checked for accuracy by comparing the data collected during the Phase I inventory.

2.1.2 Vent Inventory

Standardized forms were developed to collect and organize data (see Phase I Forms, Appendix A). Building Source Form (Form 1) were developed to record the survey team members' names, building contact's name, source number, description and location, and any other information available for the source. Any vent considered a potential air pollution source was recorded on Form 1. Building Summary Forms (Form 2) were developed to list and briefly describe all vents on a building, including those not listed as potential sources of air pollution.

2.1.3 Vent Classification

Vents were considered a source if the vent had the potential to emit any criteria pollutants (carbon monoxide, sulfur oxides, nitrogen oxides, particulates, lead, and volatile organic compounds), non-criteria pollutants (asbestos, beryllium, mercury, vinyl chloride, radionuclides, fluorides, sulfuric acid mist, hydrogen sulfide, and reduced sulfur compounds), or toxic air pollutants listed in Tables V-A, V-B, and V-C of the draft State of Idaho Guidance Manual for Obtaining a Permit to Construct, Modify or Operate an Air Pollution Source.

Vents that were considered sources included those associated with combustion processes; radiological processes (or vents on radiologically contaminated equipment); chemical process exhausts; storage tank vents; fume hood exhausts; and area sources such as waste piles, evaporation ponds, and lagoons. If a vent was considered a potential source of air pollutants, it became part of the Phase II inventory.

2.1.4 Existing Permits

The Phase I inventory gathered all existing Idaho Air Quality Bureau permits and permit applications. Data from the existing permits were incorporated into the Phase II portion of the inventory.

2.2 Air Emission Inventory Phase II

Phase II of the inventory included the collection of detailed data for vents identified as potential sources of air contamination in Phase I. Phase II data included operating and engineering parameters necessary for emission calculations, physical location, process descriptions with flow diagrams if necessary and available, and any previously permitted or otherwise documented information concerning potential emissions.

The initial aspects of the Phase II inventory organized the preliminary information for a given area and their corresponding structures. The material included available drawings, data forms, permit applications, and other existing data. Any additional information required to estimate emissions was also collected and included engineering drawings and safety analysis reports, contacting equipment manufacturers, and interviewing shift supervisors, operators, and area landlords.

On completion of data collection, the status of any unknown and out-of-service vents was determined. Unknown vents were changed to either a vent with no emissions, or a potential source of emissions. Many potential sources were not emitting at the time of the 1994 inventory. Many of these inactive vents were permanently out of service while others were only temporarily inactive. A summary of the decision process used to determine the status of unknown vents and whether any estimates need to be made concerning their emissions or potential emissions is provided in Figure 2-1.

The data were compiled on a set of inventory forms (see Phase II Forms, Appendix A). The Phase II inventory comprised 16 different data forms, but not all were needed for each source. The Phase II forms were organized into several levels, where each level was divided into increasingly more detailed degrees of data to be collected. Figure 2-2 is a flow chart diagramming the use of Phase II forms.

Level 1 forms were prepared for every potential source. These forms described the process stack and provided a gross evaluation of the source type. The source type section of the form identifies the appropriate Level 2 form. A Level 2 form is completed depending on the source type. Level 2 forms are supplied for chemical sources, fuel burning equipment, volatile organic liquid storage, and inorganic chemical storage. The Level 2 forms are used to gather source-specific information required for emission estimates. A check box is provided to indicate which Level 3 forms are required.

Level 3 forms compiled information on the chemicals, fuel, and materials used in specific sources. Level 4 is the final tier in the Phase II inventory form classification. This level was used to record information on pollution control equipment, pollution monitoring equipment, and additional information applicable to fume or laboratory hoods and paint booths.

Not all sources could be standardized on these forms and were handled on a case-by-case basis using generic data forms. The generic forms recorded sources whose emissions had to be calculated by hand or were of such an unusual nature that the standardized forms are not applicable.

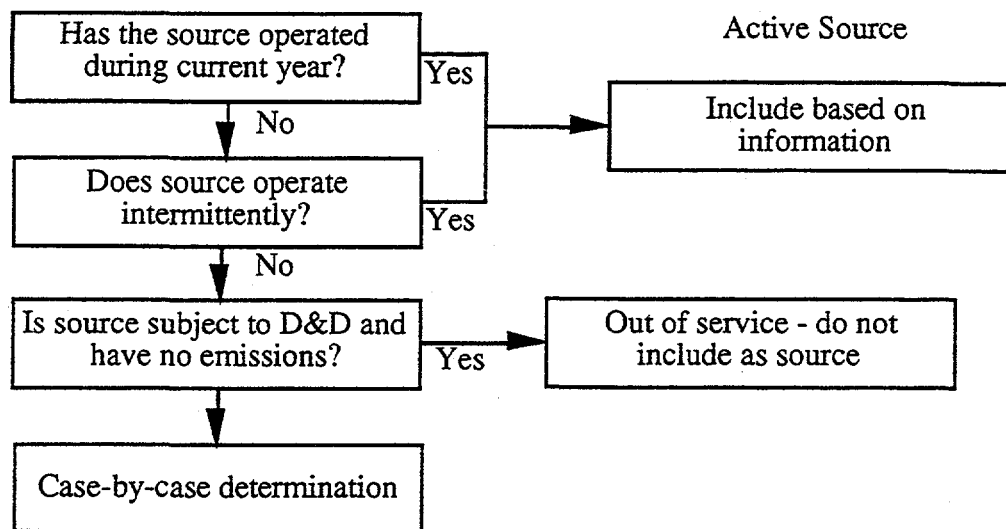


Figure 2-1. Source classification decision path.

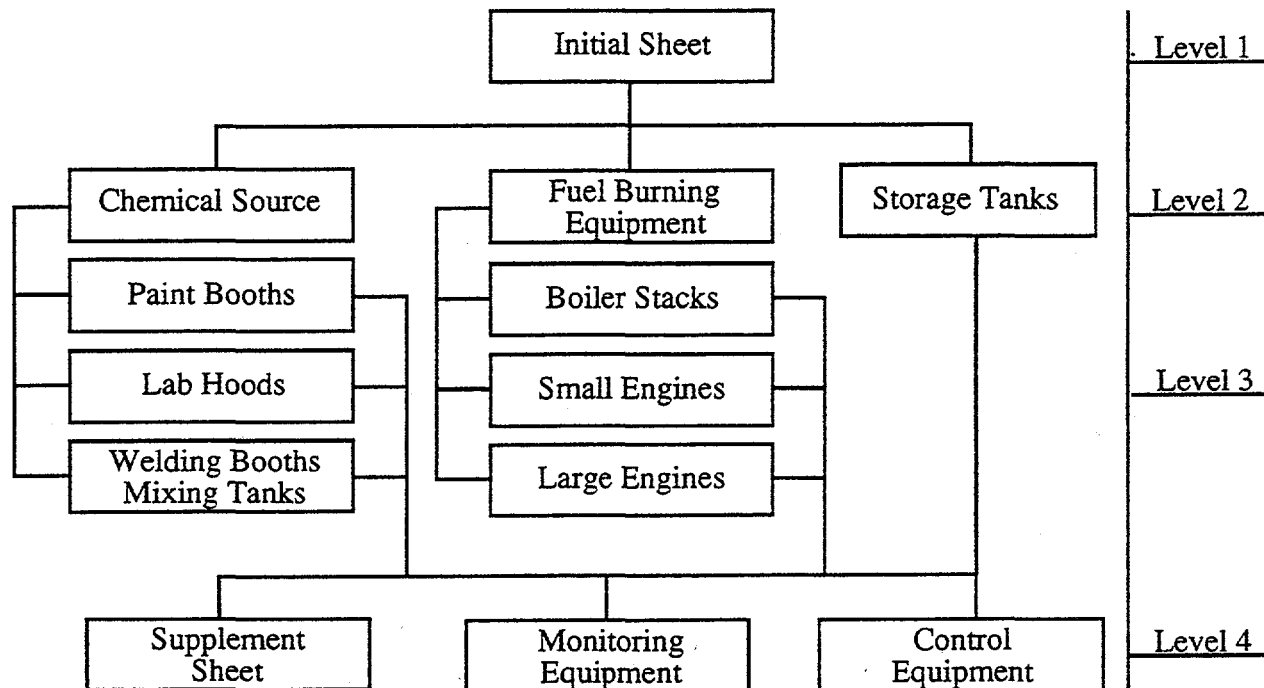


Figure 2-2. Phase II inventory forms hierarchy.

2.3 Air Emission Inventory Phase III

Phase III utilized the data gathered during Phases I and II to estimate the emissions of air pollutants from sources at the INEL. The development of Phase III included calculating emissions from the following sources:

- | | |
|-------------------------|--------------------------|
| • Industrial engines | • Boilers |
| • Fugitive | • Radionuclide |
| • Laboratory fumehood | • Painting operations |
| • Organic storage tanks | • Welding operations |
| • Main stacks | • Vehicles |
| • Paved/unpaved roads | • Miscellaneous/generic. |

The calculations for the above sources involve EPA acceptable methods per Volumes I and II of AP-42 and used several assumptions for each source. Descriptions of the various calculations used to estimate the emissions from the INEL sources are provided in Section 4 of this report.

2.4 Air Emission Inventory Annual Update

The INEL contractors and their associated facilities are required to provide information into the Air Emission Inventory System to reflect annual operations. The purpose of the annual update is to estimate the emissions for the previous calendar year, reflect current source status, and update information to reflect current operations and area descriptions. INEL contractors are encouraged to verify approximately 10% of the Air Emission Inventory data on an annual basis. For the 1994 update, extensive data verification was conducted to ensure completeness and accuracy of the *Application for a Title V Operating Permit for the Idaho National Engineering Laboratory*.

Each INEL contractor provides a coordinator for each operating area. The data to be updated is provided to each responsible area-specific coordinator which in turn is provided to the Air Emissions Inventory Coordinator. The Air Emission Inventory Coordinator compiles and reviews all data and provides the updates to the Air Emission Inventory System Administrator for data entry. The data are provided via update forms that are generated by the database. Each form details all the information pertinent to each source.

After the updated information is inputted, the applicable emission calculations are performed. All calculations performed during the update process follow the guidelines and assumptions as presented in the initial Air Emission Inventory report (DOE-ID 1991). Additional assumptions or guidelines are provided where applicable.

The data update process includes deleting sources, adding sources, process changes for sources, recalculating emissions, and adding data to reflect current operations. If a new vent, stack, source, or building has been added since the last survey, Phase I and Phase II forms are used to report the information.

3. 1994 AREA UPDATE

The 1994 update incorporates into the 1994 Air Emission Inventory operational changes reflecting the removal of sources, the addition of sources, updating source information, and the estimate of annual emissions. The 1994 updates reflect site-wide changes to reporting (section 3.1), as well as updates for each of the eight principal INEL functional areas where the majority of activities occur (sections 3.2 through 3.10). The eight functional areas correspond to the Area-Specific Volumes of the INEL Title V Operating Permit Application and include:

- Argonne National Laboratory -West (ANL-W)
- Central Facilities Area (CFA)
- Idaho Chemical Processing Plant (ICPP)
- Naval Reactors Facility (NRF)
- Power Burst Facility (PBF)
- Radioactive Waste Management Complex (RWMC)
- Test Area North (TAN)
- Test Reactor Area (TRA).

In addition, various secondary emission sources are distributed around and near the INEL site. These areas are identified in the inventory as the block areas.

Area-specific sections (3.2 through 3.10) include the following:

- **Area description:** A brief description of the role and function of the area, discussion of major programs, and an area plot plan.
- **Primary sources:** Primary sources of emissions (i.e., those generally corresponding to significant emission sources) including main stacks, operational reactors, and large boilers, where applicable, are discussed for each area. The information presents a functional description of each source and a brief qualitative description of emission types.
- **Secondary sources:** Secondary sources of emissions (i.e., those generally corresponding to not-significant emission sources) including fumehoods, small fuel burning equipment, and miscellaneous sources not considered primary sources are discussed.
- **Summary of area-wide emissions:** Total principal non-radionuclide pollutant emissions for each individual area are tabulated. The information includes the area, the pollutant, the actual hourly rates, and the actual annual quantities with their respective units.
- **Summary of area changes:** A table of source information changes reflecting added and removed sources, and other information changed from the 1993 Air Emissions Inventory is provided. In instances of new emission sources, not all data may be entered into the inventory.

Summaries of emissions for each area, organized by pollutant, are provided in Appendix B. Information provided includes the area, calculational method, and the emissions for each source. Not-significant sources are identified with an asterisk in the inventory emissions data. If a source was inactive during 1994, the emissions appear as zero, or the source is not shown.

The INEL anticipates significant reformatting of their Air Emissions Inventory during the next several years. A summary of potential changes are discussed in section 3.12 of this report.

3.1 INEL Site-wide Changes

The 1994 Air Emissions Inventory for the INEL reflects changes from the 1993 Air Emissions Inventory in reporting and source information updated during preparation of the INEL Title V Operating Permit Application. These changes often occur at sources located in many, or all of the eight functional areas, and are categorically applied to sources where appropriate. Therefore, these categorical changes are summarized herein to eliminate redundancy in the area-specific updates (sections 3.2 through 3.10).

Categorical changes include the following:

- The emissions associated with sources emitting only radionuclides are not reported in the 1994 Air Emissions Inventory. Emissions of radionuclides are and will continue to be reported in the Annual NESHAPs Report. Radionuclide emissions will not be included in future versions of this Air Inventory. Sources that have non-radionuclide emissions in addition to radionuclide emissions will continue to report the non-radionuclide emissions in this report.
- "Insignificant" activities, as defined in the *Application for a Title V Operating Permit for the INEL*, are not reported in the 1994 Air Emission Inventory and will not be included in future versions of this Air Emissions Inventory.
- Not-significant sources of emissions, as described in the INEL Title V Operating Permit Application, will continue to be reported in this inventory unless notified otherwise by the State of Idaho.
- Emissions of Hazardous Air Pollutants (HAPs) are provided for the first time in the 1994 Air Emissions Inventory (Appendix B). Lead emissions are provided only in Appendix B under HAPs, and are no longer summarized in the principal pollutant tables in the text.
- Stack parameters, including, but not limited to stack height, diameter and flow were corrected as necessary. Stack flow rates were changed to reflect maximum flow rates where nominal flow rates had been previously reported.
- Maximum calculated emission rates changed in certain instances due to correction of errors in prior reporting, or changes to original assumptions, hours of operation and other factors. To the extent practicable, significant changes are identified in the area-specific updates. A complete review of not-significant sources was not conducted.
- Improved calculation methodology for organic storage tanks was used in 1994 reflecting more accurate emissions.
- In certain instances, multiple sources from a facility are combined for emission reporting purposes under a single vent number.
- Emissions from mobile sources, paved and unpaved roads, and the Auxiliary Reactor Area, Boiling Water Reactor Experiment, Experimental Breeder Reactor I, and Initial Engine Test areas are no longer reported in the INEL Air Emissions Inventory.

3.2 Argonne National Laboratory-West

3.2.1 Area Description

ANL-W is a laboratory facility associated with the INEL and operated by the University of Chicago for the DOE Chicago Field Office. ANL-W is located near the south east corner of the INEL, approximately three miles north of U.S. Highway 20. ANL-W is presently involved in a broad range of research activities including fuel recycling and nuclear waste remediation.

The present primary experimental facilities are

- Experimental Breeder Reactor II (EBR-II)
- Transient Reactor Test Facility (TREAT)
- Zero Power Physics Reactor (ZPPR)
- Hot Fuel Examination Facility (HFEF) (formerly HFEF North)
- Fuel Conditioning Facility (FCF) (formerly HFEF South)
- Fuel Manufacturing Facility (FMF)
- Laboratory and Office Building

These facilities are well maintained and are projected to have useful lives of at least fifteen more years. Figure 3-1 presents an area plot plan of ANL-W.

3.2.2 Primary Source Descriptions

3.2.2.1 EBR-II. The EBR-II complex consists primarily of the EBR-II reactor building (ANL-767) and the power plant (ANL-768). EBR-II consists of an unmoderated, sodium-cooled reactor with a thermal power rating of 62.5-megawatt (MW), an intermediate closed loop of secondary sodium, and a steam plant capable of producing 19 MW of electrical power through a conventional turbine generator. The reactor was shut down in October 1994. Measurements are presently made for gross alpha and gross beta gamma.

The power plant involves a number of support operations for the reactor, but the primary emission sources are the four industrial boilers. Boiler 1 is the primary boiler, and Boiler 2 is online approximately 20% of the time. Boilers 3 and 4 are 100% backup to Boilers 1 and 2 and run less than 1% of the time. Other sources include emergency diesel generators, fuel tanks, mix tanks for water treatment, and health physics lab hoods for decontamination of small items such as hand tools.

3.2.2.2 TREAT. The TREAT reactor (ANL-720) is a uranium-oxide-fueled, graphite-moderated, and air-cooled reactor designed to produce short, intense bursts of nuclear energy for the purpose of simulating accident conditions on test specimens in the reactor core. TREAT vents through the main stack, identified in the inventory as ANL-720-007. The offgas is HEPA filtered and continuously monitored. Present monitors are for gamma radiation only. Principal emissions include noble gases and Ba-La-140. Two diesel generators and associated fuel tanks are also located at ANL-720. The TREAT reactor is presently inactive.

3.2.2.3 HFEF. HFEF, formerly HFEF North (ANL-785), is designed for examination of irradiated fuel and waste specimens and houses a semi-automated hot-cell facility with an argon-atmosphere cell designed to handle and examine large experiments containing sodium and plutonium. HFEF also houses a neutron-radiography facility, a diesel generator, and an associated fuel tank.

HFEF vents all the labs and the hot cells through a single stack: ANL-785-018. The gas stream from the lab area is HEPA filtered independently of the hot-cell gas stream, which also has a set of HEPA filters, and both streams combine at the stack. The emissions are continuously monitored for radionuclides, which are primarily noble gases. Some acids and some organics are also vented from the labs at this stack.

3.2.2.4 FCF. FCF was recently modified and equipped to demonstrate fuel cycle technology. The facility will now be used to apply this technology to high-level nuclear waste remediation.

FCF is vented out of the main stack (ANL-764) along with the EBR-II reactor building. Gas streams are HEPA filtered and continuously monitored. Emissions include noble gases and tritium. FCF also houses an emergency diesel generator and associated fuel tank.

3.2.2.5 ZPPR. The ZPPR reactor (presently inactive) complex includes the ZPPR reactor building (ANL-776), the ZPPR Support Wing (ANL-774), which houses the Argonne Fast Source Reactor (AFSR), the ZPPR Equipment Room (ANL-777), the ZPPR Vault/Workroom Equipment Room (ANL-775), the ZPPR Materials Control Building (ANL-784), and the ZPPR Mockup Building (ANL-792). The ZPPR reactor is designed for experiments that are most easily performed and studied under low-power conditions. AFSR is a small reactor that serves as a neutron source for calibrating nuclear instruments and developing experimental equipment, primarily for ZPPR. AFSR is air cooled and has a maximum power level of 1 kW. The Materials Control Building is for storage of nonfissile material plates for reactor mockups. The ZPPR equipment room houses the filters, ventilation, and air conditioning equipment for the ZPPR mound area. The ZPPR Mockup building is used for storage and mockup and testing of experimental equipment.

The primary point of emissions from the ZPPR reactor complex is the main stack, identified in the inventory as ANL-777-002. The air from the inactive reactor cell enters ANL-775, where it is HEPA filtered along with the ventilation air from ANL-775. This gas stream then vents to the main stack. This stack is continuously monitored, and emissions include noble gases and unidentified beta-gamma emitters.

The AFSR cooling air vents at source ANL-774-025 (which is presently inactive), and the AFSR room vents at ANL-774-008. ANL-774-025 is HEPA filtered and monitored for gamma radiation when operating. Under normal operations, these sources produce no emissions.

ANL-W maintains diesel generators, fuel tanks, and a few miscellaneous fumehoods associated with the ZPPR complex.

3.2.2.6 FMF. FMF (ANL-704) is located near the ZPPR complex. It is a high-security facility that fabricated fuel assemblies for the EBR-II reactor. EBR-II driver and experimental fuel pins, elements, and subassemblies were also manufactured, inspected, and stored at FMF. The building is also equipped for the receipt and storage of fuel feedstock.

All parts of the building are maintained at negative pressure, and air flows from areas of least likelihood of contamination to areas of the greatest likelihood. Hoods, gloveboxes, and room vents all discharge to a single stack, identified as ANL-704-008. Emissions include alpha, beta, and gamma radiation, as well as small amounts of ethanol and acetone. An emergency diesel generator and small fuel tank are also located at FMF.

3.2.3 Secondary Sources

Secondary sources comprise sources that are not considered primary sources and include potential sources with little or no emissions; sources with relatively insignificant emissions; and sources with emissions

that may be comparable to some sources associated with primary sources/programs but function only in support of the primary activities at this facility (such as the main cooling tower for EBR-II). Secondary sources at ANL-W include lab fumehoods, paint spray booths, welding booths, cooling towers, a blueprint machine, several multi-source large stacks, miscellaneous small radioactive sources, diesel engines, small furnaces and heaters, inorganic storage tanks, and organic storage tanks.

The large stacks typically operate 24 hours per day, 7 days per week, 52 weeks per year. Fumehood blowers may only operate while hoods are in use. Furnaces and heaters generally only operate eight months out of the year. Diesel engines typically operate on a routine preventative maintenance schedule of 0.5 hours per week, 52 weeks per year.

3.2.4 Summary of ANL-W Emissions

Totals of each of the non-radionuclide principal pollutant emissions from sources at ANL-W during 1994 are summarized in Table 3.2-1.

Table 3.2- 1. Summary of non-radionuclide principal pollutants at ANL-W.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	1.579E+01	2.766E+00	3.358E+01	8.022E+01
Nitrogen oxides	6.993E+01	1.116E+01	1.505E+02	3.486E+02
Particulate	4.864E+00	1.091E+00	1.226E+01	2.350E+01
Sulfur oxides	4.382E+01	3.750E+01	5.050E+01	2.446E+02
VOC - nonmethane	5.454E+01	6.053E-01	6.486E+01	5.807E+00

3.2.5 Summary of ANL-W Changes

Changes to specific sources located at ANL-W will be identified in the 1995 Air Emissions Inventory. In certain instances, differences between information presented in the 1994 Air Emissions Inventory and the INEL Tier I Operating Permit Application may occur. Discrepancies noted will be corrected in the 1995 inventory.

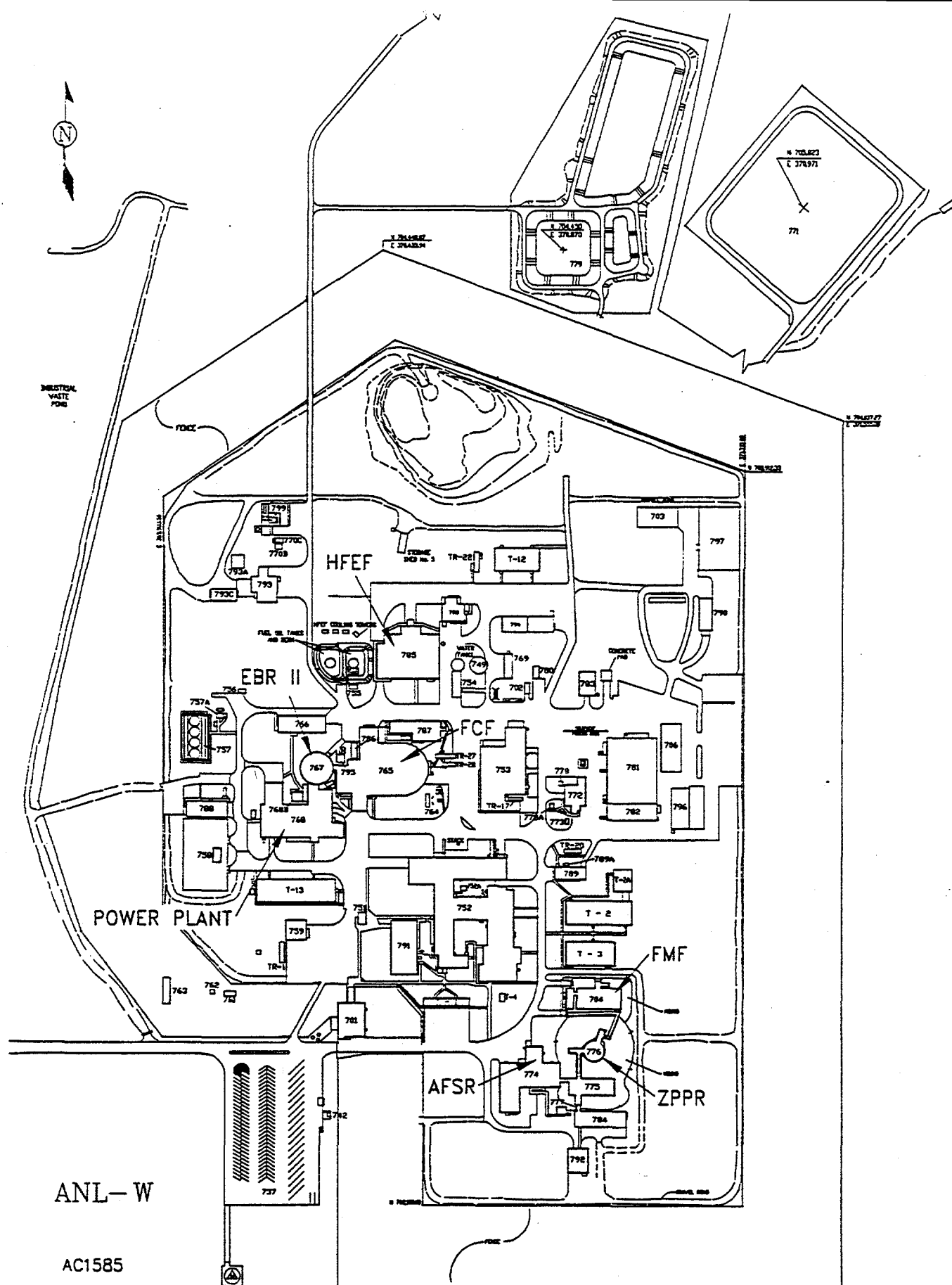


Figure 3-1. Area plot plan of Argonne National Laboratory-West.

3.3 Block Areas

3.3.1 Area Descriptions

For administrative purposes, the INEL has been divided into a grid system, and each area is identified as a block and assigned a unique number. Many of these block areas have within them buildings or facilities that are not specifically assigned to one of the main INEL areas. These include the following:

- Howe Peak Transformer Station (HPTF)
- Security Firing Range, Block 21 (B21)
- Fire Station 2 and the Experimental Dairy Farm, Block 16 (B16)
- Main Guard Gate, Block 27 (B27)
- Security Training Facility (STF)
- North Guard Gate, Block 8 (B08)
- East Butte (EB)

Figure 3-2 presents a map of the INEL and surrounding area showing the location of the above facilities.

HPTF is part of the INEL radio network and is located near the summit of Howe Peak, due west of the INEL. The facility consists of a few small buildings, radio antennas, and an emergency propane generator. This generator is the only source of emissions. The facility is unoccupied, though maintenance personnel make regular trips for preventative maintenance.

The Security Firing Range consists of an outdoor firing range, an indoor firing range, and administrative and support buildings. Emission points include the exhaust system for the indoor range, and an exhaust hood over three solvent sinks used for cleaning guns. This facility is occupied regularly.

Fire Station 2 consists of a few buildings and an outdoor fire training facility, including a tower and several fire pits. The buildings are presently occupied on a part-time basis by the National Oceanic and Atmospheric Administration (NOAA). The only sources in the buildings are the two oil burning furnaces that vent from a single stack and the fuel oil tank that supplies these furnaces. The fire training facilities consist of several concrete pits where oil is poured in and ignited. After training activities, the water and residual oil drains to a small evaporation pond. Emission estimates for these facilities consider all of the fire training components as a single source. The dairy farm is presently unoccupied, and there are no known emissions from those buildings.

The Main Guard Gate is located on E. Portland Avenue between CFA and U.S. Highways 20 and 26. The only source is the emergency diesel generator that resides in the generator building. This facility is always occupied, and the generator runs primarily on a preventive maintenance schedule.

The STF, formerly Experimental Organic Cooled Reactor and Organic Moderated Reactor Experiment, is located west of Jefferson Avenue, which runs northeast from E. Portland Avenue just north of the main guard gate, to the PBF area. This area was a reactor facility at one time and has been turned over for security training and mock procedures. The only source at STF is a solvent sink used for gun cleaning purposes. STF is no longer occupied and is presently slated for decontamination and decommissioning.

The North Guard Gate is on Lincoln Boulevard, just before it turns into U.S. Highway 33, between CFA and TAN. This is a small facility that consists of a single guard station in the middle of the road and a

small emergency generator building, which houses the only source. This guard gate is typically only occupied by one or two security personnel.

East Butte is one of two natural volcanic buttes that are present in the southeast corner of the INEL, south of U.S. Highway 20. The top of the butte has been subdivided into several lots, most with a transmitter station. These stations include transmitters for local television and radio stations, Idaho State University, the Bureau of Land Management, Utah Power and Light, the State of Idaho, and others. The INEL has a small transmitter as well, consisting of a small trailer and a single tower. Many of the buildings house emergency diesel generators for their respective transmission towers, but the INEL transistor area does not. Consequently, these sources are not included in the inventory since they are not INEL property nor property of any INEL contractor. The only fully occupied operation on East Butte belongs to KIDK television station, based in Idaho Falls, who takes much of the responsibility for the maintenance of the East Butte facilities.

3.3.2 Primary Sources

All primary sources in any of the block areas are associated with one of the main areas and are discussed in the appropriate area discussion.

3.3.3 Secondary Sources

All sources in the block areas are considered to be secondary sources. Most are fuel burning equipment with associated fuel tanks, but there are a few chemical sources as well. There are no sources of radiation in any of the block areas. The secondary sources include two solvent sinks, lead and particulate from the firing range, a furnace/heater, an emergency generator, organic storage tanks, and an evaporation/fire pit.

3.3.4 Summary of Block Area Emissions

Totals of each of the non-radionuclide principal pollutant emissions from sources in the Block Areas during 1994 are summarized in Table 3.3-1.

Table 3.3-1. Summary of non-radionuclide principal pollutants at block areas.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	3.405E+01	4.240E-01	1.194E+01	5.221E+01
Nitrogen oxides	1.000E+04	1.330E-00	1.616E+01	7.079E+01
Particulate	8.003E+00	1.010E-01	1.584E+00	6.921E+00
Sulfur oxides	4.769E+00	5.300E-02	3.801E+00	1.666E+01
VOC - nonmethane	9.447E+00	1.112E+00	2.494E+00	6.239E+00

3.3.5 Summary of Block Area Changes

Changes to specific sources located within the Block Areas between the 1993 and 1994 Air Emissions Inventories are summarized in Table 3.3-2. Justification to changes are provided to clarify the status of the source.

Table 3.3-2. Summary of source changes at Block Areas - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
B16-601-007	Vent # deleted	Source removed. Fire station #2 fuel-oil furnaces. (For 1994 update)
B16-704-001 B16-704-002	Vent # added	Newly identified source. Vehicle fuel tanks located at NRF parking lot.

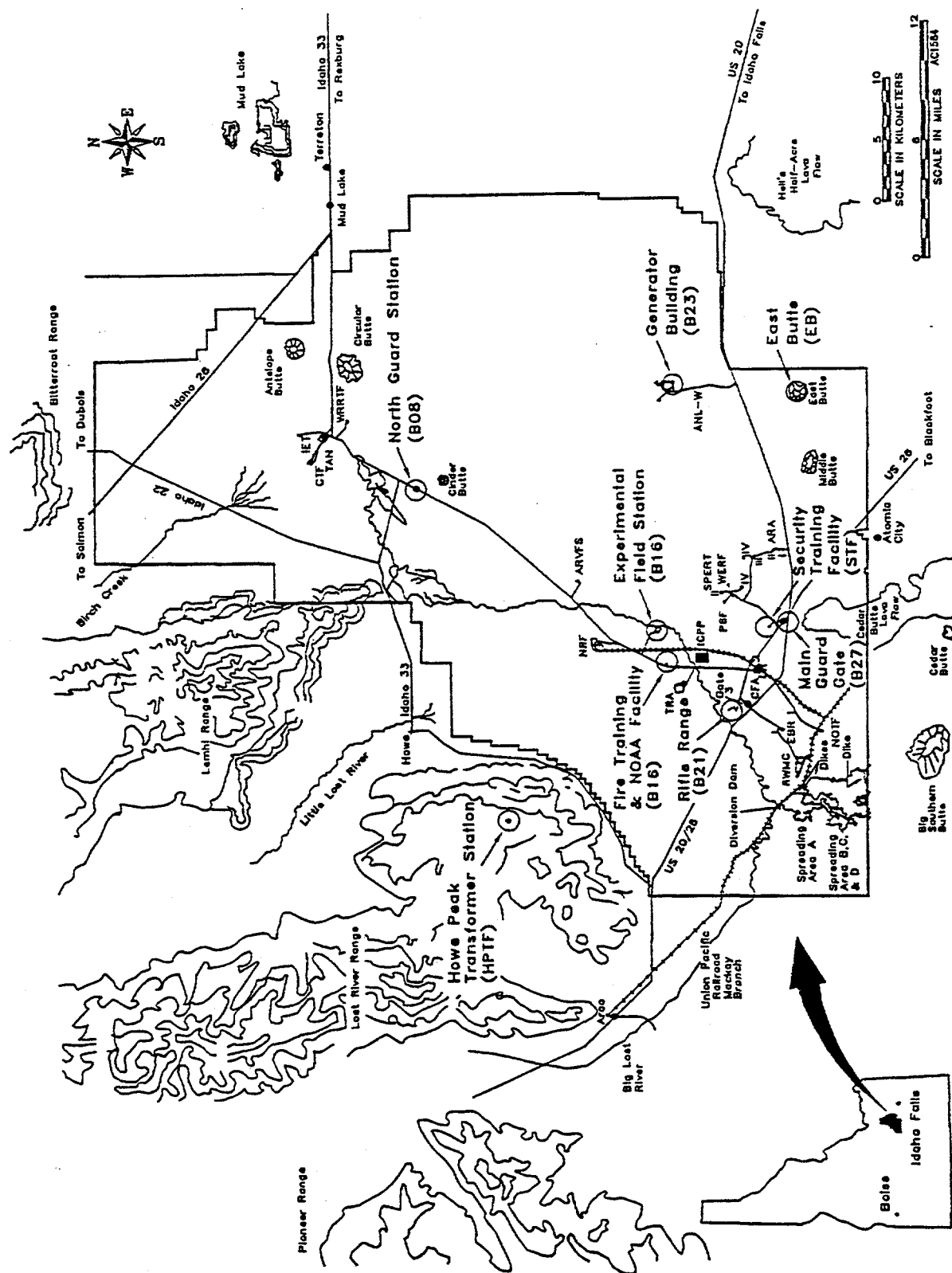


Figure 3-2. Area plot plan of Block Areas.

3.4 Central Facilities Area

3.4.1 Area Description

CFA is located in the southern part of the INEL, roughly 2.5 miles north of U.S. Highways 20 and 26. The original facilities at CFA were constructed during 1940 through 1950 and were used to house Naval Gunnery Range personnel and later National Reactor Testing Station personnel. The facilities have since been modified to fit the changing needs of the INEL and now provide four primary types of functional space: craft, office, service, and laboratory.

The craft areas consist primarily of the four new multicraft shops as well as warehouses for craft materials storage. Activities include painting, welding, carpentry, machining, and other related crafts needed to support INEL operations.

Office space is provided for administrative, scientific, and engineering personnel, particularly those associated with the many labs and service groups. Services at CFA are provided for the support of the INEL and include bus and vehicle maintenance, equipment mechanics, equipment operation, radio and alarm shops, telecommunication facilities, cafeterias, service stations, fuel distribution, facility maintenance, instrument calibration, and training. Laundry and respirator decontamination activities were discontinued in June 1993.

Laboratories are located in CFA-612, the Environmental Chemistry Laboratories in CFA-625 and -633, the Radiological and Environmental Sciences Laboratories (RESL) in CFA-690, and the Technical Center and High Bay at CFA-686, -688, and -689. These laboratories are chemistry and engineering laboratories used for both research and analysis.

Figure 3-3 presents an area plot plan of CFA, highlighting a few of the primary facilities. Figure 3-4 presents a detail of the shaded area in Figure 3-3.

3.4.2 Primary Sources

Because of the administrative and support nature of the work performed at CFA, few sources of emissions of the same order of magnitude are found elsewhere at the site. The more significant emission sources at CFA are the many large boilers used to produce steam for most of the buildings. Large boilers are located in the following buildings:

- CFA-650 - one boiler
- CFA-662 - one full-time boiler, and one backup
- CFA-665 - one large full-time boiler
- CFA-671 - two large boilers
- CFA-688 - two large boiler.

Smaller boilers/furnaces are located in the following areas:

- CFA-608 - one boiler
- CFA-609 - one boiler
- CFA-613 - one furnace
- CFA-668 - one furnace.

All boilers at CFA burn No. 2 fuel oil, and most have a propane ignition. Most boilers provide space heating only and typically do not operate during the summer months^a.

The Environmental Chemistry Labs at CFA-625 are divided into two areas, each with a different function. One area is responsible for all radiologically contaminated samples, and the hoods on that half of the building vent to a single stack with a HEPA filter.

The RESL is a DOE facility that provides several support functions. There are several analytical laboratories and a few environmental laboratories. The laboratories perform the radioisotope analysis of soil and organic samples. These labs have two or three hoods per room that vent to large stainless steel stacks on the roof. The primary emissions from RESL are acids that are used to digest the samples and then are boiled away as part of the analytical procedure. All radiological releases are below normal background levels.

Numerous fuel storage tanks contribute to the VOC emissions, but the biggest sources are the tanks at the tank farm (CFA-754) and the large fuel oil tank behind the Technical Center (CFA-708). The tank farm tanks contained No. 2 fuel oil, diesel and diesel blends, and gasoline. These became inactive during 1994 due to electrical pump problems. All are very large, aboveground, vertical tanks that dispense fuel to various tanks around the site.

The CFA landfill is estimated to be a primary source of particulate. The CFA landfill services all of the INEL, disposing only industrial and commercial wastes and asbestos in proper containers. During 1993, the INEL Landfill Complex relocated disposal activities from the CFA Landfill III Extension to the area associated with the bulky waste pit. Dirt moving activities, soil piles, and vehicle travel at the landfill are estimated to contribute a significant quantity of particulate to the atmosphere.

3.4.3 Secondary Sources

The secondary sources at CFA constitute the bulk of all sources at the facility. Some of the fumehoods at CFA-690 (RESL) would individually be considered as secondary sources, but since the RESL facility is considered to be a primary source, the primary and secondary sources are not differentiated in this discussion. A single health physics hood in the Health Physics Instrument laboratory at CFA-633, and CFA-625 are the only secondary potential sources of radiation.

Secondary sources at CFA include several fumehoods, two paint booths, several welding booths, emergency engines, heaters/furnaces, and numerous organic storage tanks. Most of the tanks, all the engines, most of the fumehoods, and all of the small heaters and furnaces have been considered as secondary sources.

^a Note: CFA - 617 process steam currently inactive - propane boiler for laundry facility.
Note: All boilers must undergo off-season preventative maintenance and associated operational periods of time.

3.4.4 Summary of CFA Emissions

Totals of each of the non-radionuclide principal pollutant emissions from sources at CFA during 1994 are summarized in Table 3.4-1.

Table 3.4-1. Summary of the totals for each of the non-radionuclide principal pollutants at CFA.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	9.112E+00	8.197E-01	1.265E+01	3.653E+01
Nitrogen oxides	3.809E+01	3.366E+00	5.771E+01	1.659E+02
Particulate	4.598E+01	4.762E+01	5.514E+01	6.461E+01
Sulfur oxides	6.215E+00	1.075E+01	2.997E+01	9.205E+01
VOC - nonmethane	1.364E+02	9.232E+00	1.387E+02	8.414E+01

3.4.5 Summary of CFA Changes

Changes to specific sources located at CFA between the 1993 and 1994 Air Emissions Inventories are summarized in Table 3.4-2. Justification to changes are provided to clarify the status of the source.

Table 3.4-2. Summary of source changes at CFA - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
CFA-100-001	Change in emissions due to improved and current data.	Landfill operations include 3 operational areas. Fugitive emissions from the asbestos pit recalculated based on current operational data.
CFA-104-001	Vent # added	New source designation. Landfill operations are 3 separate operational areas. Commercial/industrial landfill operations.
CFA-105-001	Vent # added	New source designation. Landfill operations are 3 separate operational areas. Petroleum-contaminated soil landfarming area.
CFA-609-018	Vent # deleted	Source removed from service. Weapons cleaning hood. (1993 for 1994 update)
CFA-609-019	Vent # added	Currently inactive/unused fume hood at helicopter parts cleaning bench. Source added based on Tiger Team request to install fume hood. No expected emissions from this source.

Table 3.4-2 - Continued. Summary of source changes at CFA - 1993 to 1994 Inventory.

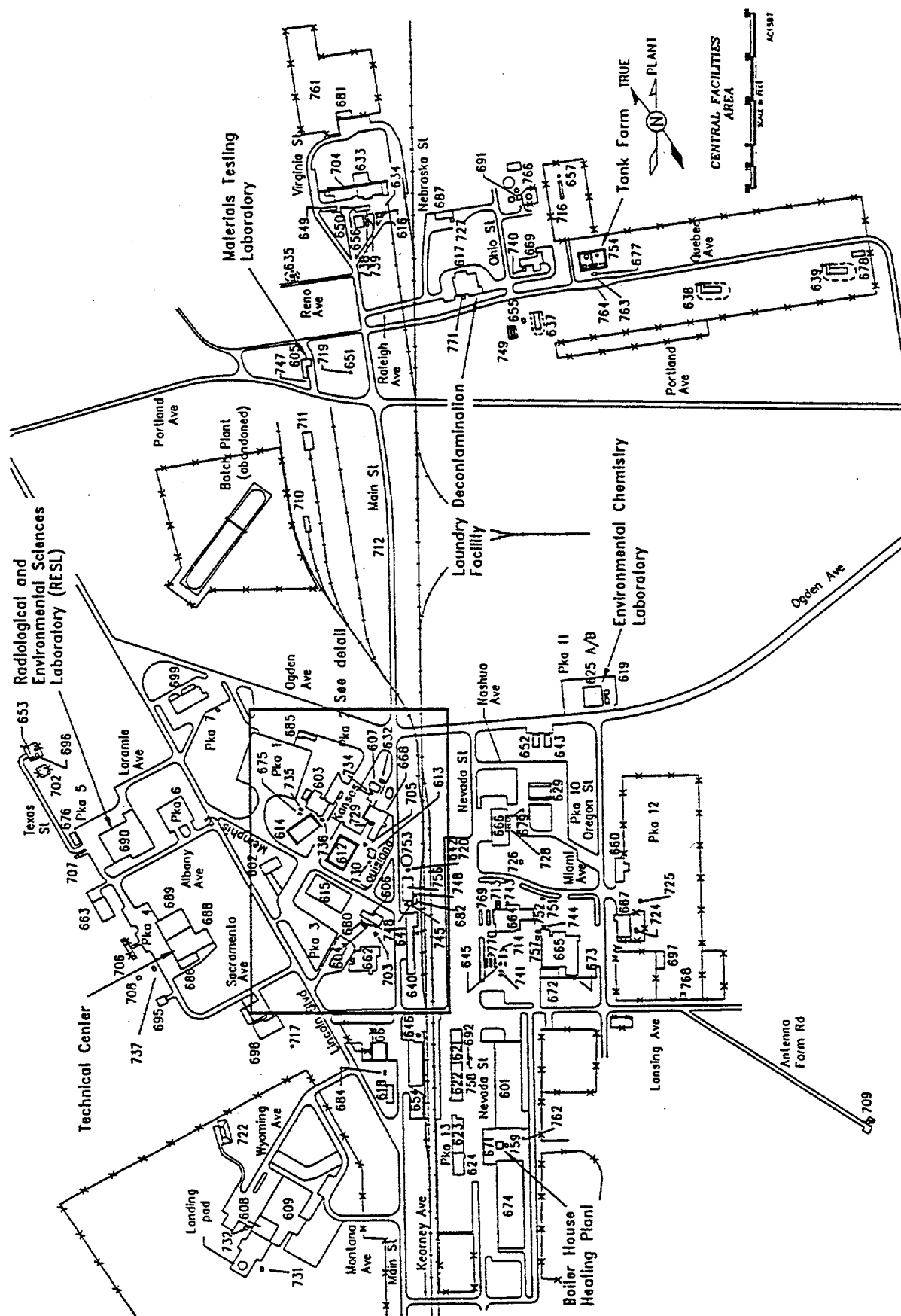
Emission Source	Description of change from 1993 to 1994 inventory	Justification
CFA-609-020	Vent # added	New source. Soldering area vent trunk. Source added based on Tiger Team request to install vent trunk.
CFA-622-006	Vent # deleted	Source designation removed. No regulated emissions from this welding shop blower exhaust vent (zero emission vent).
CFA-624-009	Vent # deleted	Source removed from service. Blueprint Machine. (1993)
CFA-633-001 CFA-633-003 CFA-633-008 CFA-633-009 CFA-633-011 CFA-633-015 CFA-633-020 CFA-633-021 CFA-633-028 CFA-633-040	Vent # deleted	Source inactive, locked and tagged out fume hoods. There are no plans to reactivate these sources.
CFA-640-029	Vent # added	New source. Power operations magnetic particle trough. (1994)
CFA-668-001	Vent # deleted	Source removed. (Tank replaced by CFA-1701-001) Continued emission source.
CFA-668-010	Vent # deleted	Source removed from service. Communications building emergency generator fuel tank.
CFA-682-002	Vent # deleted	Source removed from service. Firewater pump.
CFA-688-048	Vent # deleted	Source removed from inventory. Improper source designation. Engineering Technical Center fuel tank/vent line. (1994)
CFA-689-030	Vent # deleted	Source removed from service. Fume hood. (1994)
CFA-690-045 CFA-690-059	Vent # Added	Vent # reactivated to support new lab activity within lab area. No emissions to report for 1994.

Table 3.4-2 - Continued. Summary of source changes at CFA - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
CFA-696-001 CFA-696-002 CFA-696-003 CFA-696-006 CFA-696-007 CFA-696-008 CFA-696-009 CFA-696-010 CFA-696-011 CFA-696-012 CFA-696-021 CFA-696-022 CFA-696-023 CFA-696-024 CFA-696-025 CFA-696-026 CFA-696-027 CFA-696-040	Vent # added	New sources. Transportation Complex. (No emissions during 1994.)
CFA-748-001	Vent # deleted	Source removed from service. Fuel tank. (1994)
CFA-751-004	Vent # deleted	Improper source designation. Propane vaporizer not considered an emission source.
CFA-1603-001	Vent # added	New source. Emergency firewater pump engine. (1994)
CFA-1603-002	Vent # added	New source. Emergency firewater pump engine. (1994)
CFA-1603-003	Vent # added	New source. Fuel tank. (1994)
CFA-1603-004	Vent # added	New source. Fuel tank. (1994)
CFA-1701-001	Vent # added	New source. Replacement fuel tank.
CFA-1702-001	Vent # added	New source. Replacement fuel tank.
CFA-1703-001	Vent # added	New source. Replacement fuel tank.
CFA-1708-001	Vent # added	New source. Replacement fuel tank.

Table 3.4-2 - Continued. Summary of source changes at CFA - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
CFA-1709-001 CFA-1709-002 CFA-1709-003 CFA-1709-004 CFA-1709-005 CFA-1709-006 CFA-1709-007	Vent # added	New Source. (Fuel and new used oil tanks - No emissions will be reported until 1995).



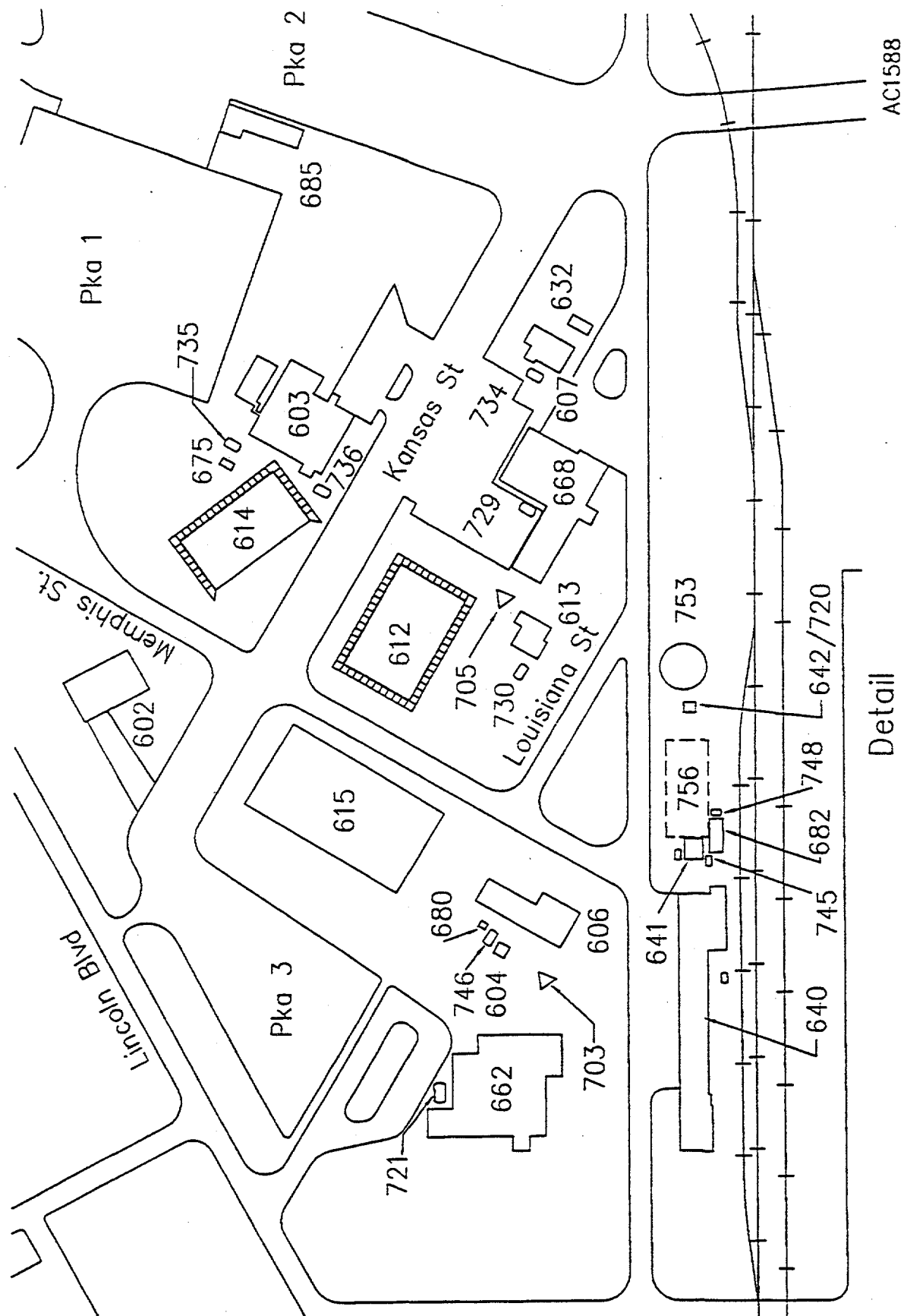


Figure 3-4. Detail of Central Facilities Area plot plan.

3.5 Idaho Chemical Processing Plant

3.5.1 Area Description

ICPP was originally constructed in 1953 as an engineering-scale demonstration facility to process highly enriched spent reactor fuel. The plant became the INEL's principal facility for receiving, storing, reprocessing, and managing nuclear materials from test, defense, and research reactors in the United States and other countries. Since 1963, the ICPP has converted more than six million gallons of radioactive liquid waste to granular solid form. In 1992 reprocessing of spent nuclear fuel was stopped. Currently, ICPP has several primary functions, including fuel storage, waste management, technical support, and utilities. Figure 3-5 shows a plot plan of ICPP.

Fuel receipt and storage areas include the Fuel Receiving and Storage Building (CPP-603), the Fluorinel Dissolution Process and Fuel Storage (FAST) facility (CPP-666), and the Peach Bottom Fuel Storage Facility (CPP-749). CPP-666 stores fuels in water pools, and CPP-749 stores the fuel rods in underground dry containment. CPP-603 houses fuels in both dry and underwater storage.

Waste management facilities manage liquid, solid, and gaseous radioactive wastes. Waste management facilities include the tank farm, CPP-604, CPP-605/649, CPP-659, and the calcine storage bin sets. The tank farm area consists of large storage tanks that store liquid radioactive waste before it is sent to CPP-659. CPP-659, the New Waste Calcining Facility (NWCF), is a process building used to calcine liquid radioactive waste into a more stable solid radioactive waste (*calcine*). The calcine is then temporarily stored in storage bins until final treatment and disposal of the waste. CPP-604 houses the process equipment waste evaporators that concentrate dilute low-level radioactively contaminated liquid waste. The atmospheric protection system filters process offgas and process ventilation through banks of HEPA filters.

Technical facilities provide for chemical, radiochemical, and spectroscopic analysis and process development. Those facilities include the remote analytical facility (CPP-627), the Remote Analytical Laboratory (CPP-684), the process improvement facility (CPP-637), the process building (CPP-601), the laboratory and office building (CPP-602), and the safety and spectrometry building (CPP-630).

CPP-601 houses the alpha handling laboratory. CPP-602 contains radiochemistry, wet chemistry, quality control and accountability, spectrochemical, instrument, and methods research and development laboratories. CPP-627 incorporates remote analytical facilities and the production support analysis laboratory. CPP-637 houses technical laboratories, offices, and pilot plant facilities. CPP-630 houses the mass spectrometry laboratory.

Utility support buildings primarily include CPP-606, service building powerhouse, and CPP-687, the Coal-Fired Steam-Generating Facility (CFSGF). CPP-606 houses four boilers that are used as backup for the CFSGF (one of the boilers is not presently operable but will be used again). CFSGF houses two boilers and is the main source of steam for ICPP. CFSGF has an EPA air quality prevention of significant deterioration (PSD) permit.

3.5.2 Primary Source Description

The Remote Analytical Laboratory (CPP-684) is used for chemical analysis of samples generated at various areas throughout ICPP. Some of those areas include the FAST facility (CPP-666), the process building (CPP-601), the service waste system, various pilot plants, the decontamination facility, and NWCF. The building consists of radioactive and nonradioactive laboratories, offices, and other support space. The facility was designed to segregate work areas.

The warm (slightly radioactive) laboratory area receives filtered air from the heating, ventilating, and air conditioning air supply room as four separate streams. These streams flow to the following areas (some of which may be slightly radioactive): offices, change rooms, operating gallery, and maintenance corridor; valve room and operating gallery; and the warm (radioactive) laboratory. Total flow through these areas is about 16,000 cfm, and the flow goes from the least contaminated to the most contaminated areas. These streams are combined and exhausted through a double HEPA filter to the warm laboratory exhaust stack. The warm exhaust stream is continuously sampled and monitored for radioactive material.

The cold (nonradioactive) laboratory system is supplied by two filtered streams. One stream supplies the vestibule, offices, sample data room, and toilets. The other stream supplies the cold laboratories. The laboratory stream, with a flow of about 4680 cfm, discharges unfiltered through the cold laboratory exhaust stack. The other stream, with a volume of 530 cfm, exhausts through the office area exhaust blower. As a chemical laboratory, a large variety of chemicals are used in the facility. Most of these are liquid and are used in small quantities. Organic chemicals that are sometimes used in the area include propane used as a laboratory fuel supply, isopropanol used for cleaning equipment, and methyl isobutyl ketone used as an extractant. Inorganic materials that could be present include boron, cadmium, mercury, chromium, hydrofluoric acid, and nitric acid.

ICPP, like other industrial plants, uses steam for a variety of purposes, including heating and other process needs. CFSGF is the primary facility at ICPP for generating this steam, with other oil-fired boilers used as backup. This facility had a PSD permit before construction began.

CFSGF has two fluidized bed boilers that burn coal to provide the heat to generate steam. This burning process generates unburned organics, particulates, sulfur oxides, nitrogen oxides, and other materials that are, after appropriate cleanup, discharged to the atmosphere. The facility consists of the two boilers and associated equipment such as coal unloading and handling facilities, an ash pit, and other items necessary to operate the facility. Particulates are removed by passing the offgas through bag filters, and a limestone injection system is used to remove most of the sulfur that is generated during the burning of the coal.

CFSGF has a design heat generation rate of 165 MBtu per hr. The design coal consumption rate is 16,500 lb/hr. At this rate, 135,000 lbs of steam are generated per hour. Offgases from the coal combustion discharge through a dedicated stack that is 150 ft high and about 5.8 ft in diameter. The effluent discharges at a temperature of 350°F and at a flow rate of 75,000 cfm, resulting in a velocity of approximately 47 ft/sec.

CPP-606, the Service Building Power House, houses four oil fired boilers used as backup for the CFSGF. The boilers in CPP-606 are considered primary sources even though they are standby boilers. The four boilers consist of two Babcock & Wilcox Company boilers, one Murray boiler, and one Cleaver Brooks boiler. These boilers have been included in the PSD permit for the ICPP NO_x sources. There are only three stacks for all four boilers because the two Babcock & Wilcox Company boilers share a common stack. One of those boilers is presently not used but plans are being developed to bring that boiler back online.

The FAST facility (CPP-666) is a primary facility at ICPP for storing nuclear fuel. Fuel received from other locations is brought to the FAST facility in large, shielded casks, where it is unloaded and stored in large water-filled basins.

The Fuel Storage Area consists of a truck receiving area, a cask receiving area, decontamination rooms, a fuel unloading area, and a water treatment area in addition to the fuel storage area. The decontamination area is used to remove any surface contamination that may be present on the cask. The fluorine dissolution process area contains the cells where the fuel dissolution occurs, as well as change rooms, offices and the control room, a chemical makeup area, and other support areas. Both areas share one

overall ventilation system that discharges to a special, dedicated FAST stack located north of the building. This stack is approximately 160 ft high. A bypass is available if the stack or the line leading to it becomes inoperable. The bypass is located on the roof of the CPP-666 near the northwest corner. Total flow through the ventilation system is about 90,700 actual cubic feet per minute.

All gaseous effluents at FAST, both radiological and nonradiological, are routed through HEPA filters before discharging to the environment. In general, the offgas from each area is filtered through roughing and HEPA filters before it leaves the area. These streams are then combined with the general ventilation air, which is again filtered before releasing to the environment. The individual treatment of an offgas stream before it leaves an area is based on the knowledge of the process and potential contents of the stream, which determines the number of filter stages needed or if other cleanup equipment is appropriate. The final cleanup system that treats the stream leaving the facility consists of four pairs of prefilters followed by HEPA filters. (The stream is split into four parts as it leaves the building.) Heat recovery coils are present to help conserve and recover heat from the exiting stream. The air stream then flows through a common duct to one of three blowers, each of which is sized to handle half of the total flow. The exhaust then flows through an underground duct to the FAST stack.

The ICPP main stack is the primary emission point at ICPP because of the volume of gas discharged and the contaminants released. The main stack is 250 ft tall and has a diameter of about 6.5 ft. Air flow through the stack is about 100,000 to 150,000 cfm, resulting in a velocity up the stack of about 61 ft/sec. Offgas release points from throughout the ICPP area are collected and lead to the main stack where the emissions are monitored, sampled, and released to the environment. The streams leading to the main stack can be classified according to their origin as well as the activities from which they come. The effluent from the main stack is constantly monitored for the primary emissions, specifically nitrogen oxides and radionuclides. Releases of nitrogen oxides and radionuclides from the main stack are regulated by the ICPP NO_x sources Permit to Construct issued by the State of Idaho.

Although a large number of activities are conducted at ICPP, the primary sources that generate emissions are classified as a) nuclear fuel storage, b) treatment of the waste generated during dissolution by converting it from a liquid to a solid in a process called calcination, c) treatment of other waste streams by evaporation, d) sampling of many of the liquid streams, and e) various support activities involving chemical analysis, process development, steam generation, and other activities associated with operation of the plant.

These activities are reflected in the design of the system that collects offgases for transport to and release from the main stack. This system collects offgases from the following areas: a) general ventilation air from buildings CPP-601, CPP-602, CPP-604, CPP-633, CPP-627, and CPP-640; b) dissolver offgas lines that collect the offgases that are generated during the actual fuel dissolution process; c) sample offgas lines that collect emissions generated when samples are obtained by using air or steam jets to obtain samples from various tanks or lines; d) vessel offgas lines that are connected to many vessels in all parts of the plant and generate offgases as they are filled or breathe; and e) and process offgas lines from the calcination process that are high in nitrogen oxides because of the destruction of the nitrate present in the wastes, which occurs during the calcination process.

The general ventilation air typically contains only minor quantities of pollutants which come from areas that under normal circumstances do not contain hazardous materials and that are normally occupied, so the concentration of any potentially dangerous material is minimal. Air from hoods, normally radioactive areas, and similar areas is not included in the normal ventilation air. This air, like all releases to the ICPP main stack, is processed through the Atmospheric Protection System before being released to the environment.

Releases to the main stack are highly dependent on the individual activities that are in operation at the time, and these can vary greatly over the years or throughout any given year. Operation of NWCF results in large quantities of nitrogen oxides being released; nitrogen oxide releases are minimal if NWCF is not operating.

Certain materials considered toxic by the State of Idaho could be present in the gas exhausted from the main stack. Because of the extensive cleanup system present on the offgas stream, most or all of these substances would be present in concentrations significantly below the levels considered as toxic by the State of Idaho. Laboratory ventilation air discharges to this system, and this air could contain minute quantities of the many chemicals typically used in a laboratory, although these chemicals would normally be used only in a hood with a separate discharge point. Some of the toxic materials that could be present in the exhaust in small quantities include acetic acid, cadmium compounds, sulfuric acid, various solvents, tributyl phosphate, aluminum nitrate, ammonia, barium compounds, borates, chromium compounds, fluorides, formic acid, hydrochloric acid, nitric acid, oxalic acid, sodium hydroxide, mercury, chlorine and uranium and zirconium compounds.

3.5.3 Secondary Sources

ICPP contains the most secondary sources of any area at the INEL. Secondary sources at ICPP include organic and inorganic storage tanks, several propane burners, large engines, small engines, and chemical sources. Chemical sources encompass numerous fumehoods, chemical processes, blueprint machines, and painting operations.

There are also several miscellaneous sources such as chemical pumps and lines and potential sources of radionuclides (i.e., the ICPP percolation ponds). Most of these sources contribute very small quantities of air pollutants and have little impact on air quality.

3.5.4 Summary of ICPP Emissions

Totals of each of the non-radionuclide principal pollutant emissions from sources at ICPP during 1994 are summarized in Table 3.5-1.

Table 3.5-1. Summary of the totals for each of the non-radionuclide principal pollutants at ICPP.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	2.082E+02	4.029E+02	8.589E+02	3.552E+03
Nitrogen oxides	3.365E+02	5.181E+02	1.868E+03	2.513E+03
Particulate	1.075E+01	3.658E+01	7.843E+01	7.133E+01
Sulfur oxides	5.031E+01	4.689E+01	2.258E+02	8.309E+02
VOC - nonmethane	2.769E+02	1.064E+01	3.531E+02	1.369E+02

3.5.5 Summary of ICPP changes

Changes to specific sources located at ICPP between the 1993 and 1994 Air Emissions Inventories are summarized in Table 3.5-2. Justification to changes are provided to clarify the status of the source.

Table 3.5-2. Summary of source changes at ICPP - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
CPP-601-014	Vent # added	New source.
CPP-603-008	Maximum hours decreased.	Correction of data based on maximum operations for a not-significant source.
CPP-606-004 CPP-606-005 CPP-606-019	Increase gal/hr to 402.	Correction of data based on improved calculations from rated boiler capacity.
CPP-606-019	Maximum emission increase.	1993 Inventory accounted from one boiler. Two boilers are present. Corrected emissions reflect both boilers operating concurrently.
CPP-615-005	Vent # deleted	Insignificant emission source.
CPP-620-001 CPP-620-002 CPP-620-004 CPP-620-005 CPP-620-006 CPP-620-009	Vent # deleted	Source location previously incorrect. Changed to CPP-637-xxx.
CPP-633-021	Vent # deleted	Source removed from service (WCF).
CPP-637-034	Vent # deleted	Source removed.
CPP-637-037	Vent # deleted	Emergency release point not requiring source designation.
CPP-637-044	Vent # deleted	Source removed.
CPP-637-052 CPP-637-053 CPP-637-056 CPP-637-058	Vent # added	Sources previously listed under CPP-620-xxx.
CPP-637-057	Vent # added	Newly identified source. Tank.

Table 3.5-2 - Continued. Summary of source changes at ICPP - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
CPP-640-001 CPP-640-002 CPP-640-003 CPP-640-004 CPP-640-005 CPP-640-006 CPP-640-007 CPP-640-008 CPP-640-023 CPP-640-024	Vent # deleted	Source removed.
CPP-644-005	Change fuel from diesel to gasoline.	Correction of data.
CPP-644-002 CPP-644-005	Maximum hours decreased.	Correction of data based on maximum operations for a not-significant source.
CPP-655-023	Vent # added	Newly identified source.
CPP-655-019 CPP-655-026 CPP-655-028 CPP-655-030 CPP-655-031	Change propane burner to heater.	Correction of data.
CPP-659-006	Change Small to Large.	Correction of data.
CPP-659-007	Change 25 hp to 8 hp.	Correction of data.
CPP-659-006 CPP-659-007 CPP-659-008	Maximum hours decreased.	Correction of data based on maximum operations for a not-significant source.
CPP-659-033	VOCs added	Not previously reported.
CPP-662-004	Vent # deleted	Source removed from service.
CPP-663-055 CPP-663-063 CPP-663-065	Vent # deleted	Source removed.
CPP-665-001 CPP-665-002 CPP-665-010	Vent # deleted	Source removed.

Table 3.5-2 - Continued. Summary of source changes at ICPP - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
CPP-666-003 CPP-666-004 CPP-666-039 CPP-666-048	Vent # deleted	Source removed.
CPP-679-002 CPP-679-003	Change propane burner to heater.	Correction of data.
CPP-687-010	Maximum emissions increase per hour.	Typographical error correction.
CPP-687-012	Vent # added	Newly identified source.
CPP-687-026 CPP-687-049	Maximum hours decreased.	Correction of data based on maximum operations for a not-significant source.
CPP-687-049	Changed 150 hp to 14 hp.	Correction of data.
CPP-698-009 CPP-698-010 CPP-698-016 CPP-698-017 CPP-698-018	Change propane burner to heater.	Correction of data.
CPP-708-001	Change in maximum emissions.	Corrected values due to improved calculation method.
CPP-727-002 CPP-727-003	Vent # deleted	Source removed.
CPP-732-001	Vent # deleted	Incorrect previous designation. Bins vent to CPP-708.
CPP-742-001	Vent # deleted	Incorrect previous designation. Bins vent to CPP-708.
CPP-746-001	Vent # deleted	Incorrect previous designation. Bins vent to CPP-708.
CPP-749-001 CPP-749-005	Vent # deleted	Incorrect previous designation. Not a source.
CPP-757-001	Vent # deleted	Source removed from service.
CPP-791-005 CPP-791-006	Vent # deleted	Emergency release points not requiring source designation.
CPP-795-005 CPP-795-006	Vent # deleted	Emergency release points not requiring source designation.

Table 3.5-2 - Continued. Summary of source changes at ICPP - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
CPP-1605-004	Vent # deleted	Source removed from service.
CPP-1605-008 CPP-1605-018 CPP-1605-064	Vent # deleted	Insignificant emission source.
CPP-1619-001	Toxic pollutants deleted.	Source is a radioactive emission source. Toxic pollutants under vent # 1619-005 previously reported under this vent.
CPP-1619-005	Toxic pollutants added.	Toxic pollutants are emitted from the source. Previously reported under CPP-1619-001
CPP-1619-004 CPP-1619-006	Vent # deleted	No emissions from source.
CPP-1642-007	Added 370 hp.	Addition of data.
CPP-1642-007	Maximum hours changed.	Correction of data based on maximum operations for a not-significant source.
CPP-1643-007	Added 370 hp.	Addition of data.
CPP-1643-007	Maximum hours decreased.	Correction of data based on maximum operations for a not-significant source.
CPP-1749-004	Maximum hours decreased.	Correction of data based on maximum operations for a not-significant source.
CPP-T-1-001 CPP-T-1-007	Vent # deleted	Source converted to electric.
CPP-T-5-001 CPP-T-5-003	Vent # deleted	Source converted to electric.
CPP-TR27-002 CPP-TR27-003	Vent # deleted	Trailers and source removed from service.

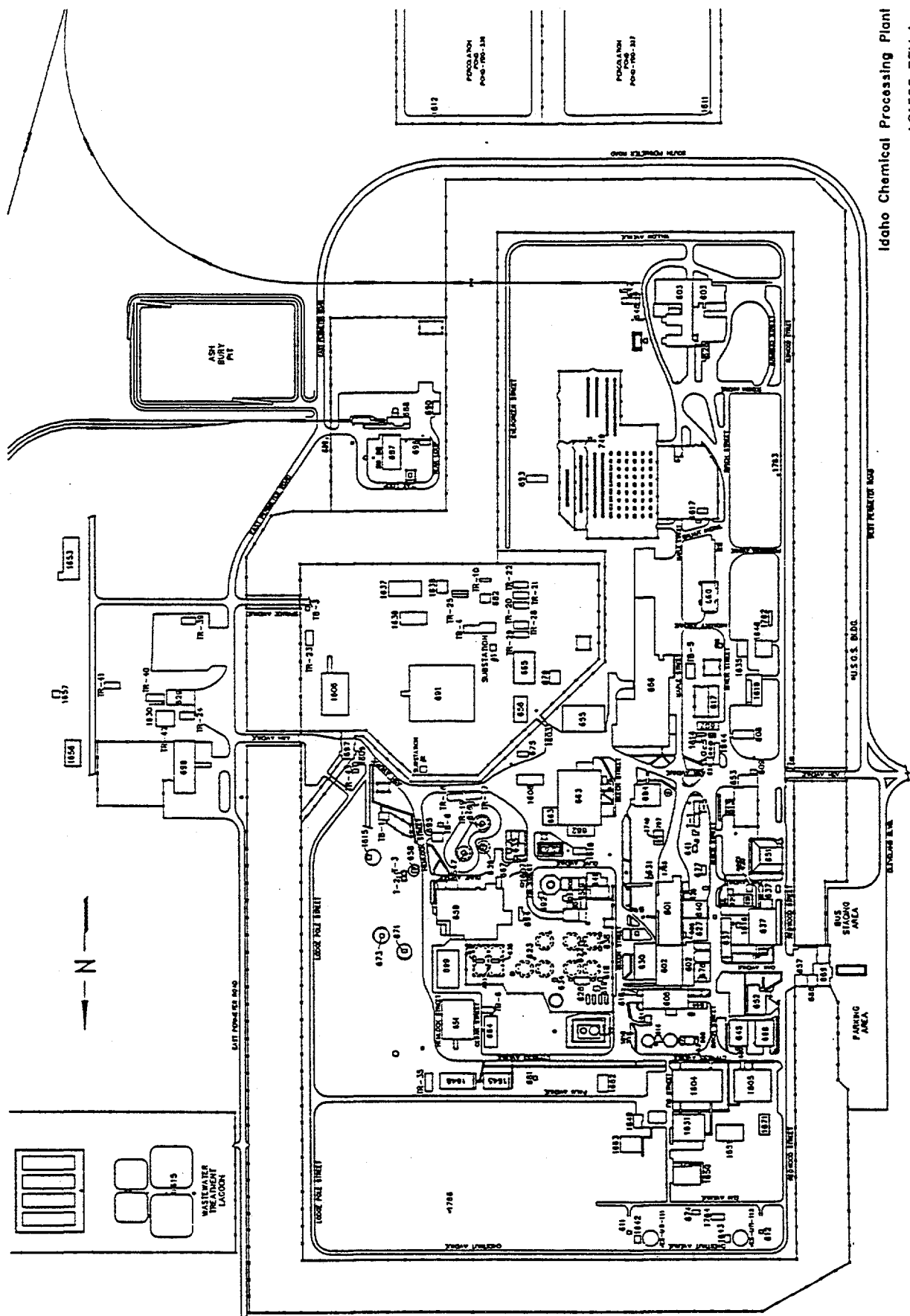


Figure 3-5. Area plot plan of the Idaho Chemical Processing Plant.

3.6 Naval Reactors Facility

3.6.1 Area Description

NRF is located in the southwestern part of the INEL site. One of the oldest areas on the INEL, NRF has operated more than 35 consecutive years and trained thousands of naval officer and enlisted personnel. NRF has provided several reactor prototypes for the U.S. Navy. There are five main operational areas at NRF: the Natural Circulation Reactor (S5G) prototype plant, the Large Ship Reactor (A1W) prototype plant, the Expanded Core Facility (ECF), the Submarine Thermal Reactor (S1W) prototype plant, and NRF Production. An area plot plan of NRF is shown in Figure 3-6.

In 1994, the S5G prototype plant operated as a training platform for U.S. Navy personnel who operate nuclear powered submarines. The S5G operational area includes the Test Plant Building, the S5G Cooling Tower, and several smaller buildings. S5G is scheduled to be inactivated in 1995, which will involve stopping all training, performing end-of-life testing, and shutting down, defueling and inactivating the reactor plant prior to being placed in systems layup.

The A1W prototype plant underwent final shutdown in January 1994. The A1W operations area includes the A1W Hull Structure Building, the A1W Operations Building, the Radioactive Waste Disposal Equipment Building, the A1W Cooling Tower, the Circulating Water Facility building, and numerous other support buildings and shops. Most of the work in the A1W operations area will consist of defueling and inactivating the A1W prototype plant.

The ECF houses hot cell facilities, shipping container loading and unloading bays, and water pits to examine and process spent nuclear fuel, prior to being transferred to ICPP. The ECF examines and evaluates performance of core components removed from submarines, surface ships, and land-based naval reactor prototypes; conducts a materials testing program involving preparing, examining, and testing material specimens that have been irradiated in the Advanced Test Reactor, located at the INEL's Test Reactor Area; unloads spent reactor core components from shipping casks; prepare spent core components for shipment to ICPP for storage; and maintains shielded shipping casks.

The S1W prototype plant was placed in systems layup in 1989. The S1W operational area includes the S1W Main Building, which houses the inactivated S1W prototype plant, the Site Chemistry Laboratory, and various office buildings. The only regular activity occurring in the S1W area is analytical testing performed in the chemistry labs.

NRF Production is centrally located on the NRF site. The area includes machine, welding, paint, and fabrication shops, the site boilerhouse, and office spaces. Most of NRF's nonradiological maintenance and repair in support of the NRF site is conducted by Production personnel in this area. All of NRF's steam for space heating is produced in the boilerhouse.

3.6.2 Primary Sources

The boilers account for most of the criteria pollutant emissions from NRF. The three NRF boilers are located in the boilerhouse (NRF-620), which is centrally located at the NRF site and under control of NRF Production. They provide steam for space heating in most NRF buildings.

The NRF boilers burn primarily No. 5 fuel oil and relatively small amounts of No. 2 fuel oil during startup evolutions. The heating season at NRF typically runs from October until May, depending on demand for space heating. Normally, only one of the three boilers is operating, with a second boiler in hot standby

and the third boiler in a cold layup condition. Since the inactivation of the prototypes, NRF has an excess of boiler capacity. This makes it extremely unlikely that NRF would ever need to operate more than one of the three boilers at a time.

No emission controls or monitors are installed on the NRF boilers. Primary emissions are sulfur oxides, nitrogen oxides, carbon monoxide, and particulate.

NRF Production also has cognizance of the Power System Upgrade emergency diesel power system. In 1991, the Power System Upgrade consolidated most of NRF's emergency power generating capability into one system. Four identical 1400-horsepower engines are housed in NRF-686. Normally, each of these engines is operated about 60 hours per year for training and preventive maintenance. Primary pollutants include carbon monoxide and nitrogen oxides. Actual emissions are small because of the limited operating schedule.

The Production Services Paint Shop Spray Booth (NRF-602-006) accounts for a large percentage of NRF's VOC emissions. The booth has a water curtain that controls emissions of particulate at or near 100% efficiency. Many items are painted just outside of the paint shop, resulting in fugitive emissions of air toxics and VOCs. For purposes of this inventory, all of the emissions due to painting performed outside the paint shop have been assigned to the booth exhaust. Emissions were calculated based on the estimated total of paints and thinners used.

In the S5G operational area, there are two primary sources of emissions. The S5G Test Plant Building Radioactive Area Ventilation system ventilates the S5G prototype plant and the plant water discharge facilities and discharges the HEPA-filtered and monitored air through the stack (NRF-633A-057). The primary emissions consist of small amounts of radionuclides.

The S5G Cooling Tower (NRF-716-001) cools secondary water from operation of the S5G plant. It is a seven-cell, induced draft tower with 22-foot diameter venturi exhaust stacks and drift eliminators. Maximum design circulating water capacity is 37,000 gallons per minute. The operating level and schedule of the tower is extremely variable, depending on training schedules, plant power level, and ambient weather conditions. The primary emission of the cooling tower is particulate.

The primary sources of the A1W operational area include the A1W Reactor Compartment 3A exhaust (NRF-617-013), the A1W Cooling Tower (NRF-708-001), the A1W Nucleonics Room Ventilation stack (NRF-616-039), the A1W RWPS Tank Ventilation (NRF-628A-006), and the emergency diesel generators #3 and #4 exhausts (NRF-617C-001, -002). The A1W Cooling Tower and the two A1W emergency diesel engines no longer operate. The A1W prototype has been shutdown and has begun the inactivation process. Monitoring of ventilation systems for A1W will continue during inactivation.

The ECF building has three primary sources of air emissions: Stack No. 1 (NRF-618-099), Stack No. 2 (NRF-618-103), and the High Bay roof vents (NRF-618-024 through -043). Stack No. 1 is a HEPA filtered exhaust system that ventilates hot cells, a chemistry laboratory, a decontamination shop, and various other areas of the building. The main operations which produce emissions from this source are: preparation of specimens for examination and evaporation of chemical descale solutions in the hot cells; waste reduction in the two evaporators used to reduce the volume of liquid waste at ECF; and decontamination of large pieces of equipment in Decontamination Shop No. 1. Most of the nonradiological machining work at ECF is performed in the Operations Support machine shop. The ventilation system is monitored for radioactive particulate, and iodine-131. The primary emissions are VOCs and radionuclides.

ECF Stack No. 2 is a HEPA filtered exhaust system that ventilates hot cells, shipping cask unloading area (the Receiving Station), and various other areas in the building. The main operations that produce emissions from this source are: radiological examination work in the hot cells and the unloading, decontamination, and maintenance of spent fuel shipping containers in the Receiving Station. The ventilation system is monitored for radioactive particulate and iodine-131. The primary emissions are VOCs and radionuclides.

Eighteen roof vents are located along the length of the ECF High Bay. They operate intermittently to provide temperature and radon control and to remove diesel exhaust fumes from trucks. Radiological work in the High Bay is performed underwater, in HEPA filtered containments, and in designated work areas. Welding and painting operations are also performed routinely in the high bay. The roof vents are not filtered. Three of the vents are monitored for radioactive particulate and tritium. The primary emissions are VOCs from painting and metal fabricating operations, and radionuclides.

The only primary source of emissions in the S1W operational area is the S1W Building main stack (NRF-601-019), which ventilates the NRF Site Chemistry Laboratory. The stack is actually seven exhaust systems that are collocated and appear as one from the exterior; four of these seven exhaust systems are still operational and are identified as A, B, C, and F in the Air Emission Inventory. NRF-601A-019 is the emissions point for the Site Chemistry Laboratory Ventilation System. Most of NRF's analytical chemistry is performed in this area, including radiological counting of environmental monitoring samples, isotopic analysis, and water chemistry analysis. The chemistry laboratory exhaust is monitored for radioactive particulate. The primary emissions are VOCs, chlorofluorocarbons, and radionuclides.

3.6.3 Secondary Sources

NRF has a variety of secondary sources, including organic and inorganic liquid storage tanks, fuel burning equipment, and chemical sources. The secondary fuel burning equipment is made up of stationary diesel engines used for emergency power production and emergency water pumping systems. The chemical sources include laboratory fumehoods, a paint shop, welding exhausts, a reproduction center, and miscellaneous sources.

3.6.4 Summary of NRF Emissions

Totals of each of the non-radionuclide principal pollutant emissions from sources at NRF during 1994 are summarized in Table 3.6-1.

Table 3.6-1. Summary of non-radionuclide principal pollutants at NRF.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	4.286E+01	3.011E+00	5.781E+01	4.263E+01
Nitrogen oxides	1.855E+02	2.348E+01	2.750E+02	3.823E+02
Particulate	1.250E+01	1.642E+01	6.162E+01	2.525E+02
Sulfur oxides	1.381E+02	7.951E+01	3.518E+02	1.416E+03
VOC - nonmethane	5.899E+00	3.913E-01	7.690E+00	5.035E+00

3.6.5 Summary of NRF Changes

Changes to specific sources located at NRF from the 1993 Air Emission Inventory and the 1994 Air Emissions Inventory are summarized in Table 3.6-2. Source information in the 1994 Inventory which deviates from that noted in the INEL Tier I Operating Permit Application is summarized in Table 3.6-3. Corrections to these latter discrepancies will be made during preparation of the 1995 Air Emissions Inventory. Justification to changes are provided to clarify the status of the source.

Table 3.6-2. Summary of source changes at NRF - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
NRF-619-018	Reporting change.	Emissions for sources indicated as "chemical sources" combined into one total release under 619-018.

Table 3.6-3. Summary of source changes at NRF - 1994 Inventory to INEL Tier I Operating Permit Application.

Emission Source	Description of change from 1994 inventory to Operating Permit App.	Justification
NRF-602-037	Not indicated in Operating Permit Application.	Insignificant emission source: Office activity, Photolab machine vent.
NRF-603-039	Not indicated in Operating Permit Application.	Insignificant emission source: Office activity, Quick Copy room vent.
NRF-617C-001	Not indicated in Operating Permit Application.	Source removed from service. (retired-in-place/deactivated). A1W #4 emergency diesel generator exhaust.
NRF-617C-002	Not indicated in Operating Permit Application.	Source removed from service. (retired-in-place/deactivated). A1W #3 emergency diesel generator exhaust.
NRF-617C-003	Not indicated in Operating Permit Application.	Source removed from service. (retired-in-place/deactivated). A1W emergency diesel generator room exhaust (day tanks).
NRF-618-200	Not indicated in Operating Permit Application.	Source removed from service. (retired-in-place/deactivated). ECF emergency diesel day tank vent.
NRF-633A-024	Not indicated in Operating Permit Application.	Source removed from service. (retired-in-place/deactivated). Acid tank flame arrestor.

Table 3.6-3 - Continued. Summary of source changes at NRF - 1994 Inventory to INEL Tier I Operating Permit Application.

Emission Source	Description of change from 1994 inventory to Operating Permit App.	Justification
NRF-633A-038	Not indicated in Operating Permit Application.	Source removed from service. (retired-in-place/deactivated). S5G emergency diesel generator exhaust.
NRF-633A-088	Not indicated in Operating Permit Application.	Source removed from service. Plastisol oven vent.
NRF-663-022	Not indicated in Operating Permit Application.	Source removed from service. Weapons cleaning tank exhaust.
NRF-708-001	Not indicated in Operating Permit Application.	Source removed from service. (retired-in-place/deactivated). A1W cooling tower north intake.
NRF-709-001	Not indicated in Operating Permit Application.	Source removed from service. (retired-in-place/deactivated). Diesel oil storage tank vent.
NRF-716-001	Not indicated in Operating Permit Application.	Source removed from service. (retired-in-place/deactivated). S5G cooling tower top vent #7.
NRF-730C-031	Not indicated in Operating Permit Application.	Source removed from service. Muse diesel fuel tank vent. (retired-in-place/ deactivated).
NRF-739-008	Not indicated in Operating Permit Application.	Source removed from service. LDHR diesel fuel tank vent. (retired-in-place/ deactivated).
NRF-739-009	Not indicated in Operating Permit Application.	Source removed from service. LDHR diesel fuel tank vent. (retired-in-place/ deactivated).
NRF-743-001	Not indicated in Operating Permit Application.	Source removed from service. A1W sulfuric acid tank vent. (retired-in-place/ deactivated).
NRF-747-001	Not indicated in Operating Permit Application.	Source removed from service. Bunker oil storage tank A. (retired-in-place/ deactivated).
NRF-747-002	Not indicated in Operating Permit Application.	Source removed from service. Bunker oil storage tank B. (retired-in-place/ deactivated).

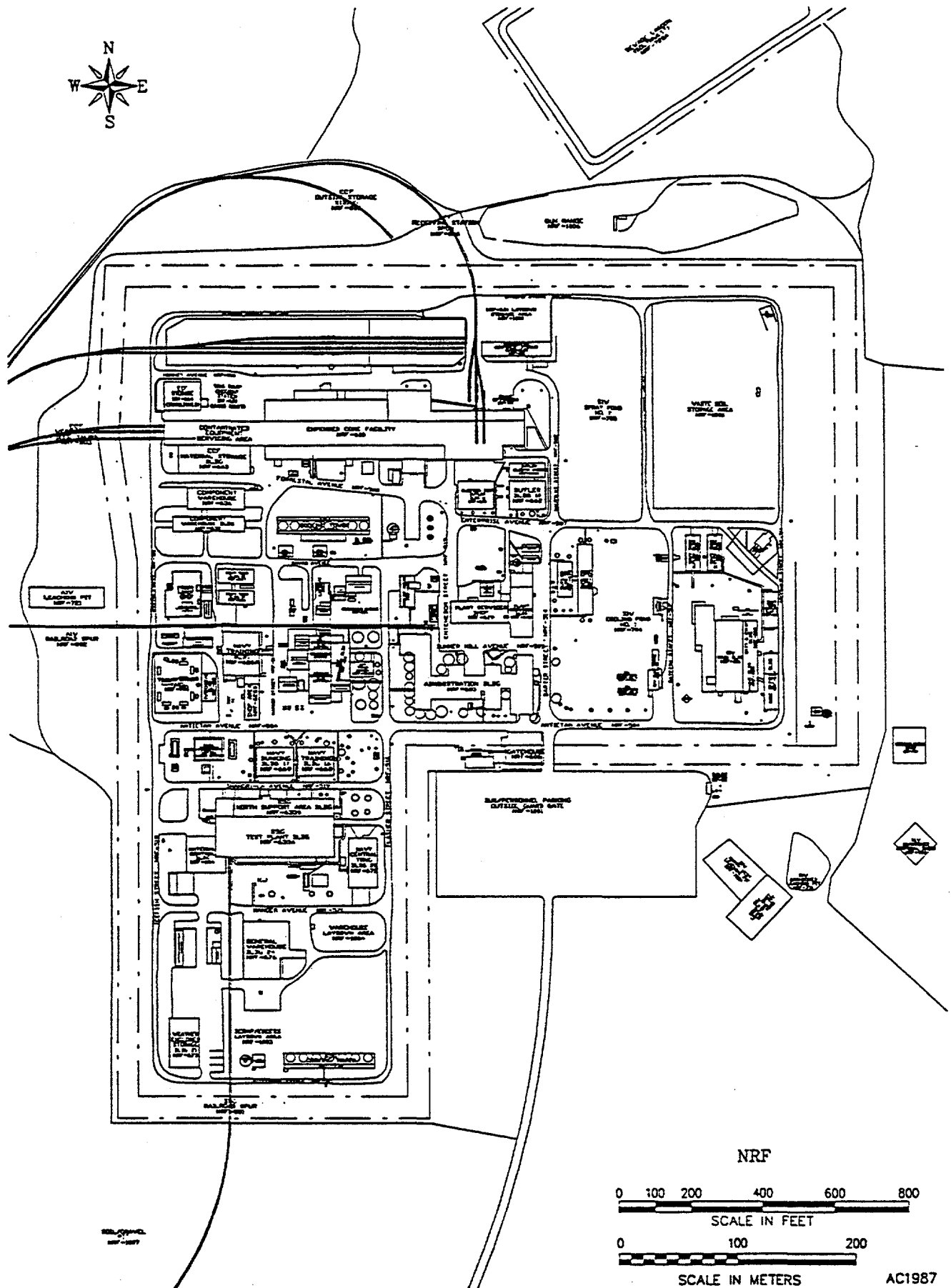


Figure 3-6. Area plot plan of the Naval Reactors Facility.

3.7 Power Burst Facility

3.7.1 Area Description

The PBF area is located approximately 6 miles northeast of CFA and is shown in Figure 3-7. Originally, the PBF was used to test reactor transient behavior and for safety studies on light-water-moderated enriched-fuel systems. These tests were called Special Power Excursion Reactor Test (SPERT) and commenced in the late 1950s. At that time, the PBF area consisted of the Control Area and the Reactor Area, the latter including SPERT I (now decontaminated, dismantled, and returned to its natural state), SPERT II, SPERT III, and SPERT IV reactors. The PBF Control Area served as the control center for all SPERT and PBF operations.

The PBF Control Area (Figure 3-8) now is the central administrative area for the PBF operations. The buildings at the control area house the PBF reactor controls, offices, maintenance and instrumentation areas.

The PBF Reactor Area (Figure 3-9) consists of the PBF reactor, which was constructed north of the site of the SPERT I reactor site. The SPERT I reactor was decommissioned in 1964 and the area has been revegetated. The PBF reactor has been used for reactor research on fuel behavior during normal and off-normal operating conditions but has been shut down pending inactivation.

The SPERT II area (Figure 3-10) consists mainly of the SPERT II reactor, which was constructed to study kinetic behavior for information on reactor safety. The reactor has been decommissioned, and most of the equipment (i.e., reactor vessel and primary coolant loop) has been removed. The building now houses the Waste Engineering Development Facility (WEDF), which is used for lead receiving, storing, and shipping and for developing waste treatment processes for hazardous and mixed wastes.

The SPERT III area (Figure 3-11) consisted of SPERT III Reactor Building (PER-609), the second SPERT reactor in operation and built in the late 1950s. The reactor was designed to conduct studies on high-power, high-temperature, heterogeneous, light water reactors. Its primary function was to determine the effect of water flow, pressure, and temperature on the transient characteristics of the reactor. The reactor was placed in standby in 1968 and was decontaminated and decommissioned in 1980. All system components were removed and the remaining areas were decontaminated. The area was converted to the Waste Experimental Reduction Facility (WERF). Facilities at WERF include a 4.8-million BTU/hr incinerator, a 524-kW induction melting furnace, a 200-ton compactor, and a 960-ft² sizing shop where metallic waste is cut up using plasma arc torches. Also included are an offgas/ash solidification room, indoor mixed waste storage, and a 4,600-ft² outdoor radioactive waste storage area. The induction furnace was used for melting metal objects and pouring them into ingot molds. The compactor is used to process all materials that cannot be processed through the incinerator (such as PVC). The solidification process is used to stabilize the incinerator ash by solidifying the ash with cement/water. The WERF incinerator was inactive in 1994.

The SPERT IV reactor (Figure 3-12) was constructed to extend the range and type of controlled test parameters and to provide a facility for the kinetic testing of advanced-design reactor cores. The reactor has been removed, and the area is being used to store mixed waste at the Mixed Waste Storage Facility (MWSF). MWSF is now a Resource Conservation and Recovery Act (RCRA) Storage Facility under RCRA interim status for the storage of mixed waste, which is both hazardous [defined by Code of Federal Regulations (CFR) 40 CFR 261] and radioactive. MWSF has segregated areas to accommodate storage of polychlorinated biphenyls (PCBs), corrosives, and flammables in compliance with RCRA requirements. Special provisions for these waste forms include special isolation diking and ventilation systems.

3.7.2 Primary Source Descriptions

The primary sources at the PBF consists of two boilers used for heating in the winter; WEDF; and WERF.

The two boilers are located in PER-613 and PER-620. Both of the boilers have been identified in the Fuel Processing Restoration PSD permit as CFA/PER-613 B-501 (Powermaster boiler) and CFA/PEF-620 M-31 (Cyclotherm boiler). The boilers are designed to run automatically from September to May of each year and have essentially the same allowable emission level in the permit.

The WEDF facility is located in PER-612. The facility is used for receiving, storing, and shipping clean lead and the development of waste treatment processes for hazardous and mixed wastes. Currently, no continuous operations are associated with WEDF.

WERF is dedicated to the development of volume reduction processes for low-level radioactive and mixed waste. WERF consists of PER-609, PER-622, PER-623, and a storage area located northwest of PER-622. Two processes take place in PER-609: a) incineration of combustible solid and liquid low-level radioactive and mixed waste, and b) solidification, by grouting, of mixed waste. PER-622 houses sizing, compaction, and waste-sorting operations, which emit through a . Sizing reduces the volume of low-level radioactively contaminated metal for further processing or more efficient disposal at the RWMC. PER-623, the WERF Waste Storage Building (WWSB), provides interim storage of hazardous and mixed waste until the waste is treated at an INEL treatment unit or is shipped offsite for treatment and/or disposal. Compaction reduces the volume of materials that cannot be incinerated or exceed contamination limits for incineration. An open air asphalt and concrete pad is used to store low-level beta-gamma contaminated waste destined for processing. The waste can be in the form of actual structures or assemblies with the contaminated portions covered, or cargo containers containing incinerable waste.

3.7.3 Secondary Sources

The majority of the secondary sources are fuel burning equipment and VOC storage tanks. There are also two inorganic storage tanks (sulfuric acid) and a fumehood used for removing caustic and acid vapors from the demineralizer mixing tanks. The VOC storage tanks contain materials that include No. 2 diesel or gasoline.

3.7.4 Summary of PBF Emissions

Totals of each of the non-radionuclide principal pollutant emissions from sources at PBF during 1994 are summarized in Table 3.7-1.

Table 3.7-1. Summary of non-radionuclide principal pollutants at PBF.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	3.088E+00	1.436E-01	1.478E+01	1.439E+01
Nitrogen oxides	1.423E+01	5.937E-01	2.762E+01	6.510E+01
Particulate	1.023E+00	5.522E-02	9.002E+00	6.005E+00
Sulfur oxides	3.353E+00	1.639E+00	7.144E+00	1.924E+01
VOC - nonmethane	7.093E-01	1.170E-02	1.046E+00	2.051E+00

3.7.5 Summary of PBF Changes

Changes to specific sources located at PBF between the 1993 and 1994 Air Emissions Inventories are summarized in Table 3.7-2. Justification to changes are provided to clarify the status of the source.

Table 3.7-2. Summary of source changes at PBF - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
PER-620-023	Hours of operation added.	Addition of data.
PER-620-023	Stack parameters added.	Addition of data.
PER-622-003	Vent # deleted	Source removed.
PER-625-001	Vent # added	Potential new source.
PER-626-004	Vent # deleted	Pump replaced. (New pump # PER-638-004)
PER-638-004	Vent # Added	New Source.
PER-638-005	Vent # Added	New Source.
PER-755-001	Delete "permit rates" for carbon monoxide, sulfur oxides, and nitrogen oxides.	Incorrect previous data entry. There are no permit limits for these parameters at this source.
PER-755-001	Changed max particulate emissions rates to 7.3E-01 lb/hr and 2.1E+00 ton/yr.	Information corrected to reflect maximum operating parameters.

Table 3.7-2 - Continued. Summary of source changes at PBF - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
PER-755-001	Changed carbon monoxide maximums to 9.7E-1 lb/hr and 2.8E+00 tons/yr.	Information corrected to reflect maximum operating parameters.
PER-755-001	Hours of operation added.	Addition of data.
PER-756-001	Deleted NOx emissions.	Incorrect previous data entry. Source has only radionuclide emissions.
PER-756-001	Hours of operation added.	Addition of data.
PER-765-001	Change baghouse to HEPA Filter.	Change in filtration system.
PER-765-001	Hours of operation added.	Addition of data.
PER-765-001	Particulate emissions added.	Addition of data.

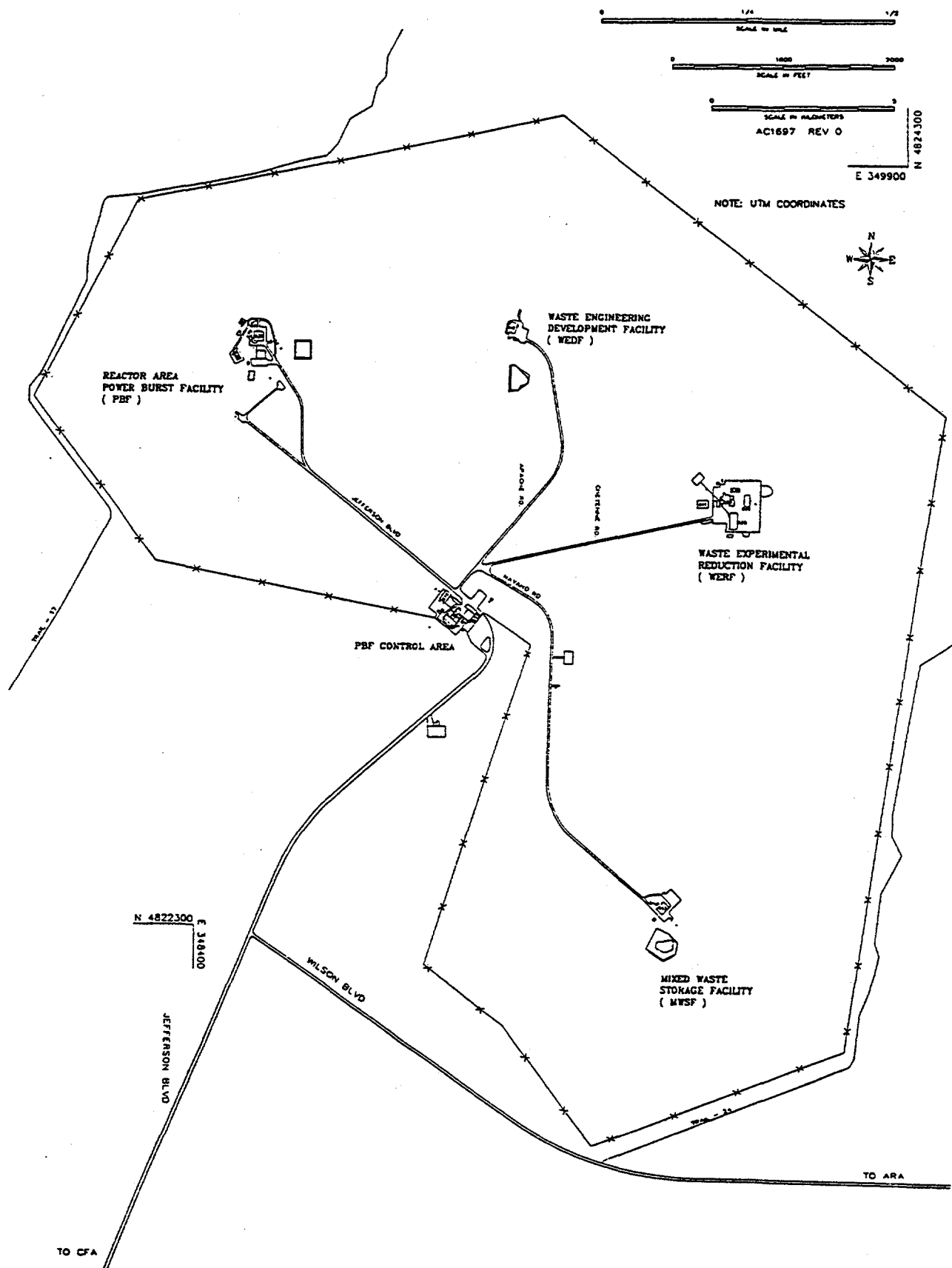


Figure 3-7. Area plot plan of the Power Burst Facility area.

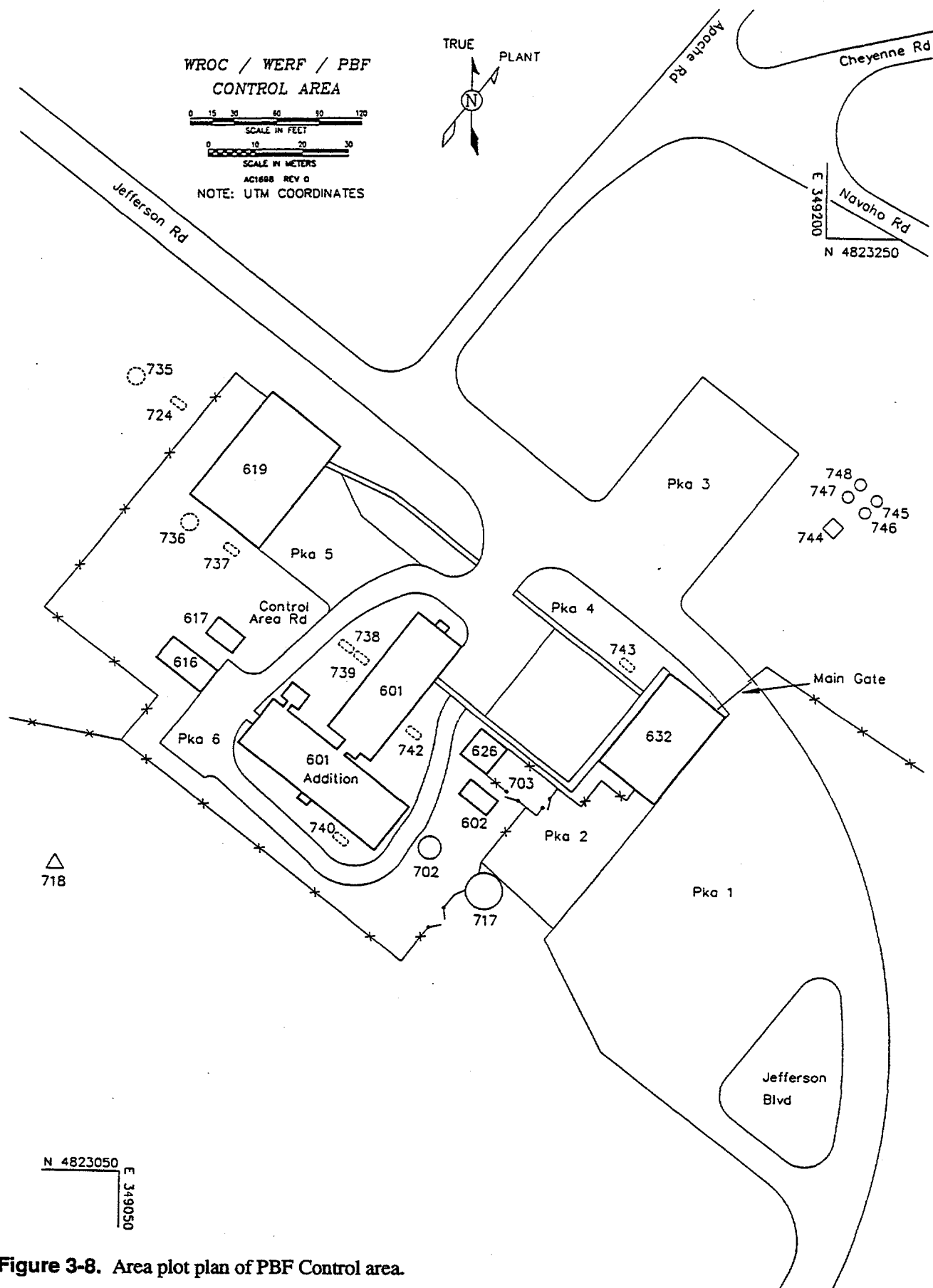


Figure 3-8. Area plot plan of PBF Control area.

FH = Fire Hydrant
FHH = Fire Hose House
AC:591

PLANT
&
TRUE



3-41

WROC / WERF / PBF
WEDF

0 15 30 45 60 75 90 105 120

SCALE IN FEET

0 10 20 30

SCALE IN METERS

AC1700 REV 0

NOTE: UTM COORDINATES

E 349365
N 4824000

TRUE PLANT

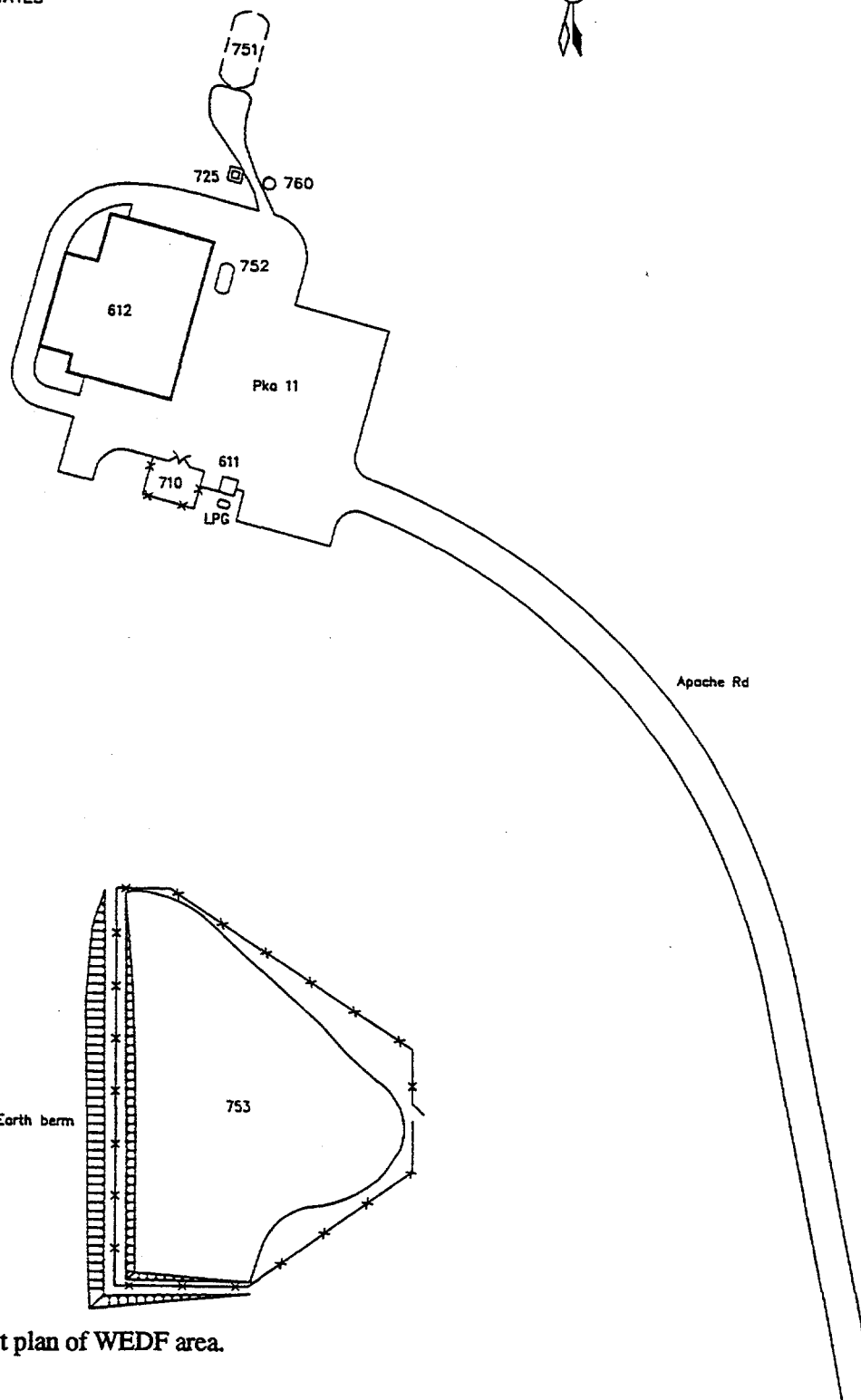
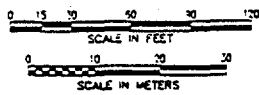


Figure 3-10. Area plot plan of WEDF area.

WROC / WERF / PBF
WERF



AC1701 REV 0
NOTE: UTM COORDINATES

PLANT
&
TRUE



E 349950
N 4823551

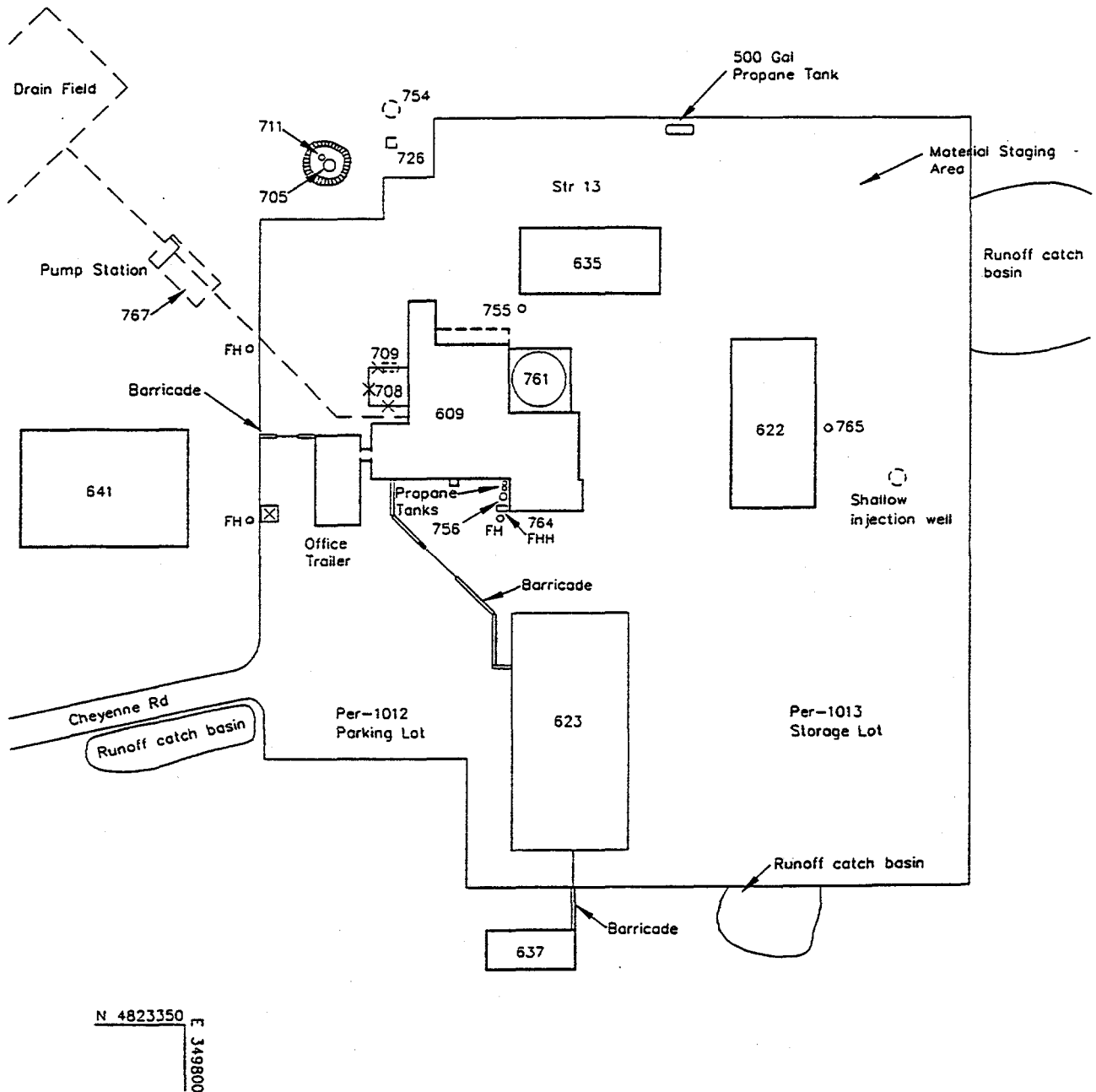


Figure 3-11. Area plot plan the WERF area.

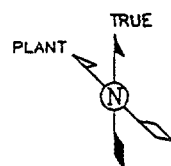
WROC / WERF / PBF
MWSF

0 15 30 60 90 120
SCALE IN FEET

0 10 20 30
SCALE IN METERS

AC1702 REV 0

NOTE: UTM COORDINATES



E 349750
N 4822400

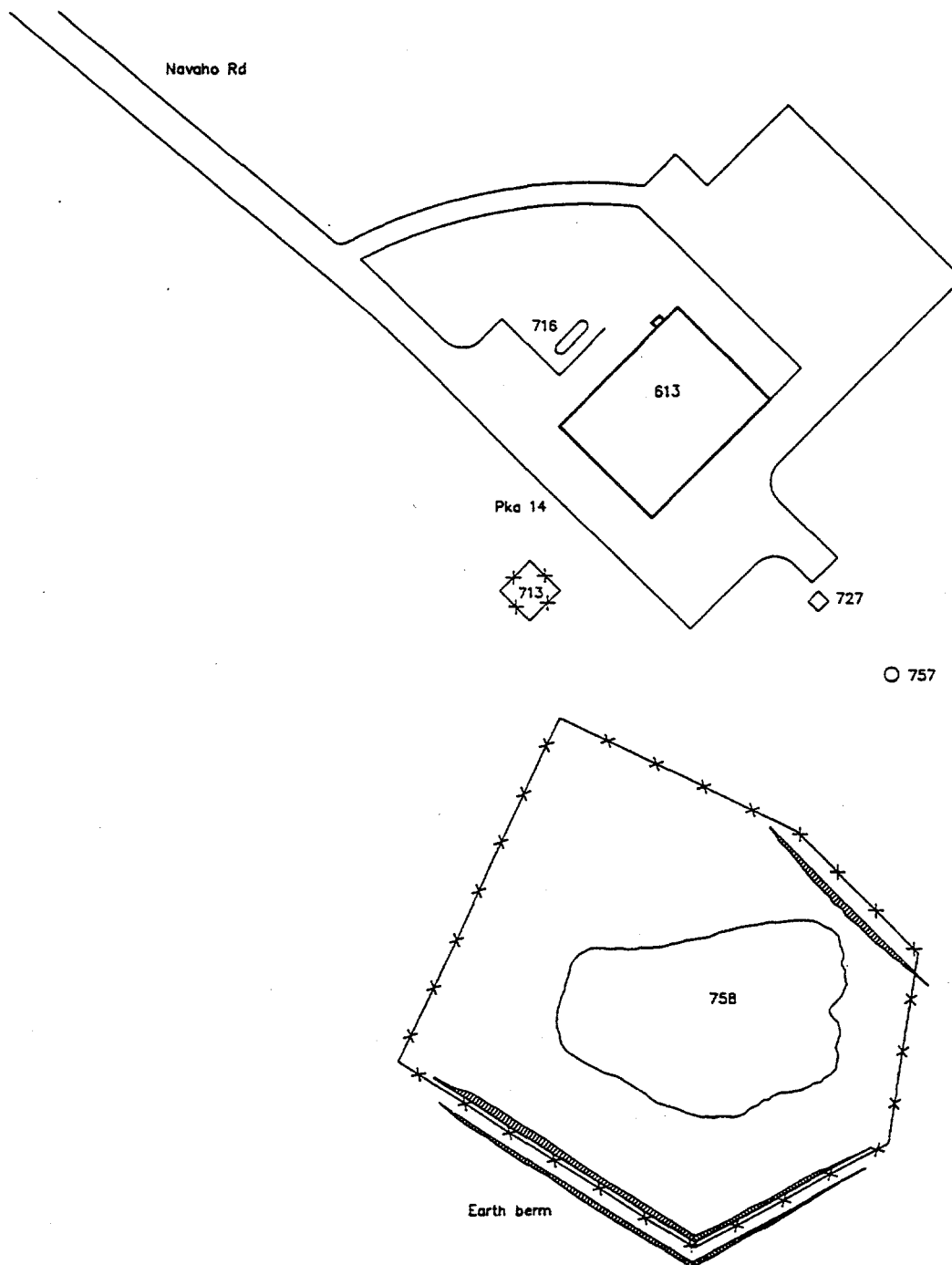


Figure 3-12. Area plot plan MWSF area.

3.8 Radioactive Waste Management Complex

3.8.1 Area Description

RWMC was established in 1952 and is located 7 miles southwest of CFA. RWMC, a restricted area, provides waste management for solid low-level radioactive and transuranic wastes. Waste management includes retrieval, examination, and certification of transuranic waste for ultimate disposal at the DOE Waste Isolation Pilot Plant in New Mexico. The facility also supports research and development activities for shallow land burial technology. Figure 3-13 presents a plot plan of RWMC.

RWMC is divided into four zones: the Administrative Area, the Operational Support Zone, the Subsurface Disposal Area (SDA), and the Transuranic Storage Area (TSA).

The Administrative Area is located in the northeast section of the RWMC and consists of office support buildings.

The Operational Support Zone is located west of the Administrative zone and consists of maintenance shops, change facilities, storage facilities, the guardhouse, support trailers, and the raw water supply system.

SDA occupies approximately 88 acres and is used for the permanent disposal of solid low-level beta-gamma waste. Before 1970, RWMC received and buried transuranic waste at SDA from both offsite and onsite facilities. Since 1970, only low-level waste has been buried at SDA. Most of the low-level waste is buried in pits, trenches, and soil vaults; however, low-level radioactively contaminated nitrate salts are stored separately on an asphalt pad, Pad A, and covered with a layer of soil. The SDA also receives radioactively contaminated asbestos waste for disposal.

TSA consists of several facilities and asphalt pads and occupies approximately 56 acres. TSA was established in 1970 to provide temporary storage of transuranic waste until a federal repository could be available for permanent disposal. Transuranic waste is stacked on asphalt pads and then covered with plywood, plastic sheeting, and three feet of soil. Since 1975, a movable, inflatable fabric dome known as the Air Support Weather Shield has protected the waste containers from the weather. The Stored Waste Examination Pilot Plant provides nondestructive examination and segregated storage of waste containers prior to shipment to the Waste Isolation Pilot Plant. The Stored Waste Examination Pilot Plant also vents waste containers to prevent the buildup of potentially explosive gases.

3.8.2 Primary Source Descriptions

There are no primary sources of air emissions at the RWMC.

3.8.3 Secondary Sources

There are several secondary sources of air emissions at the RWMC. These sources include primarily emergency generators or furnaces that burn propane and one diesel emergency generator and its associated fuel tank are located at WMF-603. The fumehood located at WMF-601 vents emissions from decontamination of health physics equipment. The Drum Venting Facility (WMF-615) houses the Drum Venting System. The Drum Venting System installs carbon composite fibers in the lids of stored waste drums to prevent hydrogen buildup inside the drums. All exhaust air from the Drum Venting System is filtered by two HEPA filters before discharging to the atmosphere. Currently the Drum Venting Facility operates on a limited basis.

3.8.4 Summary of RWMC Emissions

Totals of each of the non-radionuclide principal pollutant emissions from sources at RWMC during 1994 are summarized in Table 3.8-1.

Table 3.8-1. Summary of the totals for each of the non-radionuclide principal pollutants at the RWMC.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	2.016E-02	3.871E-02	2.574E-02	1.270E-01
Nitrogen oxides	9.976E-02	1.899E-01	1.260E-01	6.203E-01
Particulate	4.928E-03	9.509E-03	6.298E-03	3.101E-02
Sulfur oxides	1.008E-03	1.942E-03	1.287E-03	6.330E-03
VOC - nonmethane	3.422E-01	9.157E-03	3.437E-01	3.317E-02

3.8.5 Summary of RWMC Changes

Changes to specific sources located at RWMC between the 1993 and 1994 Air Emissions Inventories are summarized in Table 3.8-2. Justification to changes are provided to clarify the status of the source.

Table 3.8-2. Summary of source changes at RWMC - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
WMF-603-001	Vent # deleted	Source number change due to relocation of firewater pump to building 639 (vent 001).
WMF-603-002	Vent # deleted	Source number change due to relocation of fuel tank for firewater pump to building 639 (vent 002).
WMF-603-008	Vent # deleted	Improper source designation. Propane vaporizer not considered an emission source.
WMF-614-001	Vent # deleted	Improper source designation. Propane tank and vaporizer not considered an emission source.
WMF-628-001	Vent # added	New source.
WMF-629-001	Vent # added	New source.
WMF-639-001	Vent # added	Relocated firewater pump. (formerly WMF 603-001).

Table 3.8-2 - Continued. Summary of source changes at RWMC - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
WMF-639-002	Vent # added	Tank supporting firewater pump. (formerly WMF 603-002).
WMF-637-001	Vent # added	New source. Categorically exempt 1.2 MMBtu/hr propane boiler.
WMF-637-002	Vent # added	New source. 1.2 MMBTU/hr propane water heater.
WMF-656-001	Vent # added	Newly identified source.
WMF-700-005	Vent # added	Newly identified source. (SDA)



3.9 Test Area North

3.9.1 Area Description

TAN is located in the northern part of the INEL site and presently comprises three operational areas: the Technical Support Facility (TSF); the Containment Test Facility (CTF); the Loss Of Fluid Test (LOFT) area, which includes the Specific Manufacturing Capability (SMC) Project; and the Water Reactor Research Test Facility (WRRTF).

The TSF area functions as the administrative and support hub for all areas of TAN except the SMC Project. TAN supports many important programs, including Three Mile Island Unit 2 Core Offsite Examination; the Process Experimental Pilot Plant; and the Spent Fuel Program. Maintenance for TSF & WRRTF is located at TSF. Figure 3-14 is an area plot plan of the TSF area.

The LOFT area is approximately 1.5 miles West of the TSF area. This area includes the LOFT containment vessel and service building, the LOFT reactor control and equipment building, and numerous support facilities. The SMC Project is housed in a large concrete aircraft hangar and other associated buildings that has been converted to support the manufacturing process, and numerous buildings for the various phases of the manufacturing and production process. SMC provides most of the activity at LOFT. Figure 3-15 is an area plot plan of LOFT/SMC.

The WRRTF area (see Figure 3-16) includes the Semiscale Project, the Blowdown Project, and the Two-Phase-Flow Loop Project, all of which are now decommissioned. Very little activity now exists at WRRTF, with the exception of some engineering-scale tests.

3.9.2 Primary Sources

The boilers at TAN constitute some of the largest sources of emissions and are present in all three of the functional TAN areas. These boilers all provide steam for space heating and are located in the following buildings:

- TAN-603 (TSF) - Two backup boilers, one main boiler
- TAN-630 (LOFT, TAN-716) - One boiler
- TAN-641 (WRRTF) - One main boiler, one backup boiler
- TAN-675 (LOFT/SMC) - Two backup boilers
- TAN-679 (LOFT/SMC) - One main boiler, one backup boiler.

The TAN boilers burn No. 2 grade fuel oil. Since these boilers mostly provide steam for space heating, they typically do not run during the summer months. All of the SMC boilers have an oxygen trim to reduce the nitrogen oxide emissions by 11%, and the values reported here reflect that reduction.

Other than the boilers, other significant emission sources at TSF are at TAN-607, the TAN Hot Shop Building (TAN-734) and the SMC Material Development Facility (MDF). The Hot Shop is one of the world's largest, measuring 51 x 165 x 55 ft and is used exclusively as part of DOE's Nuclear Spent Fuel Cask Testing program. All ventilation air exhausts to the main stack, TAN-734-001, on the northeast end of the building. There is a warm shop adjacent to the hot shop, where low to medium contaminated parts and equipment are fabricated and modified. This air also vents to the main stack. A smaller hot cell is at the south end of the Hot Shop and is used for study, observation, and analysis of small radioactive objects as well as disassembly and examination of research and commercial fuel rods. This room also vents to the main stack.

Other programs that are supported at TAN-607 include the Three-Mile Island Unit 2 Core Examination Project, where analytical data necessary to understand the Three-Mile Island accident sequence can be collected. Also, the Spent Fuel Program is housed in TAN-607, which includes testing fuel storage casks with intact or consolidated fuel and developing a dry rod consolidation technology and prototypical equipment. The SMC Project also occupies the south end of TAN 607 [the Material Development Facility (MDF)] where research and development work is performed in support of the SMC Manufacturing Process.

Significant sources at LOFT, aside from the boilers, would include several sources at SMC, in buildings TAN-629 (the hangar), TAN-679, and TAN-681. Emissions from these stacks are primarily radionuclides from depleted uranium, particulate, nitrogen oxides, and some organics. Since the SMC Project is responsible for most of the activity at the LOFT Area, a thorough description of SMC is provided here.

The SMC Project assembly is a multi-phased classified project that includes fabrication, process reclamation, research and development analytical lab facilities, and maintenance/utility support facilities. The SMC Project builds armor assemblies from various materials, including depleted uranium. The SMC Project produces emissions from chemical and manufacturing process, boilers, storage tanks, emergency generators, and miscellaneous building vents.

The SMC Project consists of MDF, TAN-679 Fabrication, TAN-629 Assembly, and support facilities. The project life of the facility is approximately 20 years. Thereafter, it will be decontaminated and decommissioned in accordance with DOE requirements.

MDF is located in TAN-607A at the TSF area of TAN, which is approximately one mile southeast from the main SMC facilities. A portion of TAN-607 was designated for use as the MDF facility. The MDF is primarily a research and development facility and involves fabrication and assembly operations to produce test size armor assemblies. The process utilizes standard metal working equipment such as punches, shears, brakes, and lasers. About 31,000 square feet is available and includes research and development processes, an analytical laboratory, and a maintenance and machine shop.

Two double-wide trailers on the east side of TAN-607 house Health Physics and locker rooms and provide controlled access to the facility. Other facilities at TSF that support SMC operations include the TAN-602 office building, the TAN-606 carpenter shop, and the TAN-628 hazardous waste storage facility/warehouse.

SMC Assembly facilities, located within TAN-629, contain manufacturing processes and space for offices, support functions (e.g., Health Physics, field laboratory), and service areas. Manufacturing processes are semi-automated systems that manufacture products similar to those manufactured in the MDF facility on an automated basis to produce full-scale armor assemblies at a higher throughput. Total square footage in TAN-629 for SMC use is about 80,000 square feet. TAN-675 is located on the north side of TAN-629 and houses utilities; TAN-677 is located on the south side for truck receiving and loading.

SMC TAN-679 Fabrication facilities consist of a manufacturing area, assembly processes, and a Process Reclamation Facility. Fabrication production is a rolling process and produces depleted uranium metal sheets that are subsequently used as feedstock for TAN-629. TAN-679 operations cover an area of 64,000 square feet and include a production line; an area for shipping and receiving; a Health Physics field office; maintenance area; boiler/utilities area; computer room; administrative offices; and change room facilities. In addition, space is provided for other support requirements such as a toolroom, rest rooms, and a lunchroom.

The Process Reclamation Facility, adjoining the northwest portion of TAN-679, contains approximately 12,000 square feet for collection and recycling of liquid wastes generated in TAN-679 fabrication processes. Liquid wastes, generated in the North process area are transferred to the PRF facility for processing as required for recycling and calcination. All liquid wastes are collected in storage tanks for treatment. Nitrogen oxide gas streams from the acid bath are piped to the Process Reclamation Facility for processing through a wet scrubber and filters before release to the atmosphere.

There are no significant emission sources at the WRRTF other than the boilers.

3.9.3 Secondary Sources

TAN has a wide variety of secondary sources, including chemical sources, fuel burning equipment, organic and inorganic storage tanks, and fugitive sources. Chemical sources include fumehoods, paint booths, welding booths, a blue print machine, two chemical mixing tanks, and several miscellaneous sources. Secondary fuel burning equipment includes emergency generators and a heater/furnace.

3.9.4 Summary of TAN Emissions

Totals of each of the non-radionuclide principal pollutant emissions from sources at TAN during 1994 are summarized in Table 3.9-1.

Table 3.9-1. Summary of the totals for each of the non-radionuclide principal pollutants at TAN.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	2.028E+01	2.317E+00	3.579E+01	4.786E+01
Nitrogen oxides	8.955E+01	9.474E+00	1.801E+02	2.121E+02
Particulate	8.061E+00	1.073E+00	1.819E+01	2.883E+01
Sulfur oxides	8.058E+01	2.889E+01	1.310E+02	3.646E+02
VOC - nonmethane	3.865E+01	2.128E+00	6.420E+01	4.955E+01

3.9.5 Summary of TAN Changes

Changes to specific sources located at TAN between the 1993 and 1994 Air Emissions Inventories are summarized in Table 3.9-2. Justification to changes are provided to clarify the status of the source.

Table 3.9-2. Summary of source changes at TAN - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
TAN-602-034 TAN-602-066	Vent # deleted	Source removed.
TAN-603-022	Change fuel oil #5 to #2.	Change in fuel.

Table 3.9-2 - Continued. Summary of source changes at TAN - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
TAN-604-035	Vent # deleted	Improper designation as a source. Not a valid source.
TAN-606-026 TAN-606-027	Vent # added	Newly identified source.
TAN-607-021	Vent # deleted	Source intended for D&D.
TAN-607-049	Vent # deleted	Source intended for D&D.
TAN-607-059	Vent # deleted	Source intended for D&D.
TAN-607-066	Vent # deleted	Source intended for D&D.
TAN-607-136	Vent # deleted	Source intended for D&D.
TAN-629-012 TAN-629-014	Maximum flow rates changed to 6.0E+03.	Nominal flow rates previously provided.
TAN-640-001	Vent # deleted	Source intended for D&D.
TAN-641-022	Vent # deleted	Source intended for D&D.
TAN-650-007 TAN-650-010	Vent # deleted	Source removed.
TAN-675-011 TAN-675-012 TAN-675-013	Vent # deleted	Source removed.
TAN-675-035	Exit gas temperature changed to reflect maximum (3.65E+02).	Nominal flow rates previously provided.
TAN-677-030	Vent # added	Newly identified source.
TAN-687-020	Change 50 hp to 99 hp.	Corrections of data.
TAN-716-004	Vent # deleted	Source intended for D&D.
TAN-724-001	Vent # deleted	Source intended for D&D.
TAN-726-001	Vent # deleted	Source removed.
TAN-738-001	Vent # deleted	Source intended for D&D.
TAN-753-001	Vent # deleted	Source intended for D&D.
TAN-766-002	Vent # deleted	Source intended for D&D.
TAN-771-001	Vent # deleted	Source intended for D&D.

Table 3.9-2 - Continued. Summary of source changes at TAN - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
TAN-787-001	Vent # deleted	Source intended for D&D.

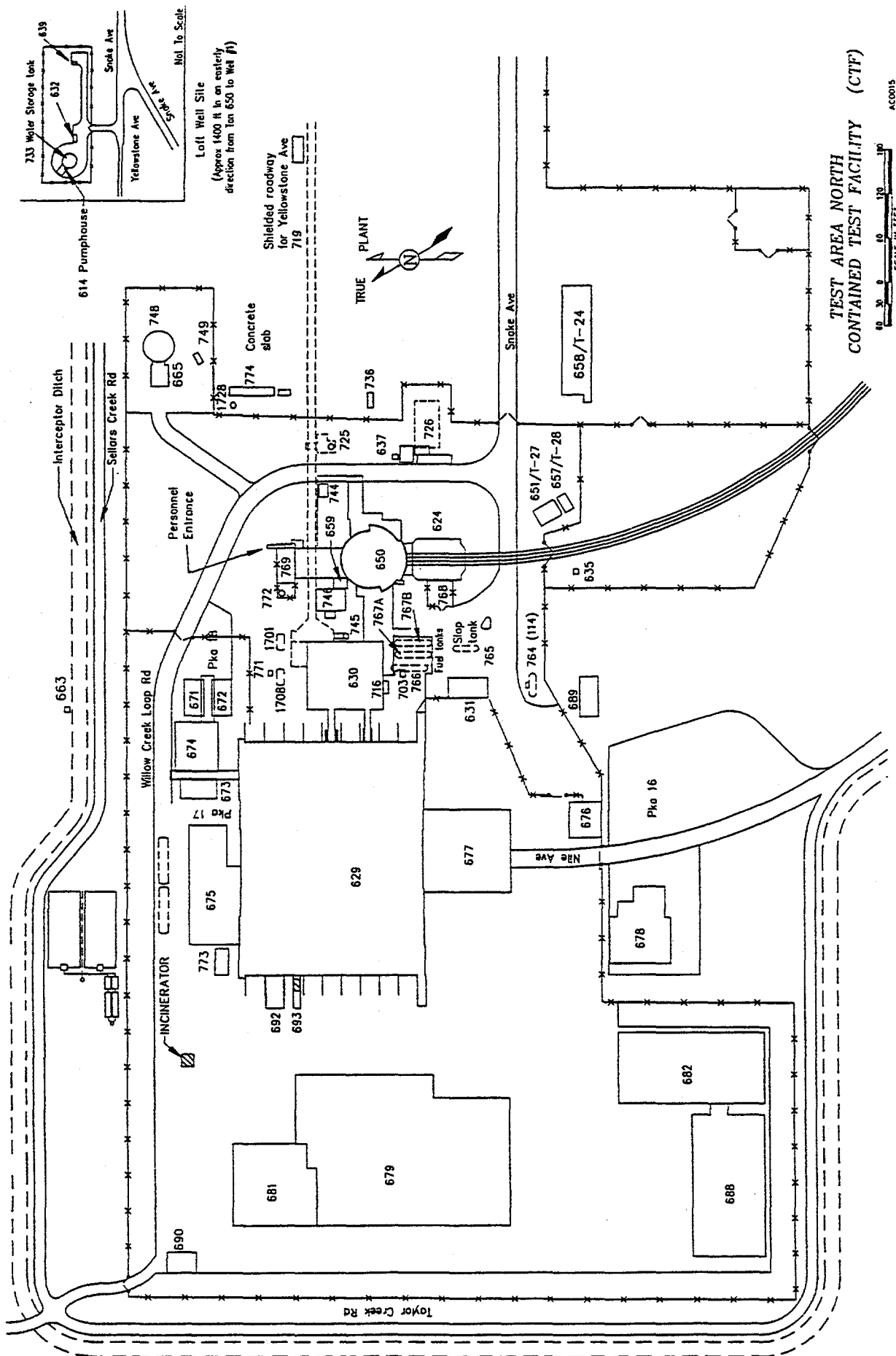


Figure 3-15. Area plot plan of Loss of Fluid Test and Specific Manufacturing Capability area.

3.10 Test Reactor Area

3.10.1 Area Description

TRA contains nuclear reactors used for testing fuel, materials, and reactor components in the high-neutron environment that can be obtained in the reactors. Three primary test reactors have operated in this area: The Materials Testing Reactor, the Engineering Test Reactor, and the Advanced Test Reactor. Of these reactors, only the Advanced Test Reactor is presently operating or planned to be operated. In addition to the three test reactors, this area contains support facilities for the work routinely conducted in this area, including chemistry laboratories, hot shops for the examination of highly radioactive samples, maintenance shops, water purification facilities, waste management facilities, and other facilities, some of which are currently being decommissioned.

Each reactor has a main stack from which air emissions from that reactor are discharged. This effluent consists of air from the reactor ventilation systems, sampling stations, reactor access areas, fuel storage areas (underwater), and reactor coolant water degassing areas. Since both the Materials Testing Reactor and the Engineering Test Reactor are no longer operating, effluent from these sources are minimal and negligible, respectively. Most of the emissions are radioactive materials that discharge the ventilating or degassing air. Some of the activity is formed when air or other gases become irradiated by the neutron flux in the Advanced Test Reactor. Figure 3-17 shows a plot plan of the TRA.

3.10.2 Primary Source Descriptions

The Advanced Test Reactor stack vents air from the main reactor building (TRA-670) including the main reactor floor and its basements. About 65,000 cubic feet per minute of air circulates through this system, flowing progressively from cleaner areas to the areas where more contamination may be present. The main source of radioactivity is the degassing tanks, where gases in the reactor coolant water are released. About 150 cubic feet per minute of gas comes from this source. Other sources of gas include vents from radioactive waste holding tanks, the experimental cubicle vents, and the reactor cooling air system.

The exhaust to the stack is monitored closely for temperature, flow rate, pressure, and radioactivity. The majority of the activity released is due to noble gas fission products such as krypton and xenon or activation products such as argon. Only about two percent of the activity is due to particulates.

The Engineering Test Reactor ventilating air discharges through the 250-ft high Engineering Test Reactor stack. Since the reactor is no longer operating, the ventilating air contains essentially no activity.

The Materials Testing Reactor offgas system serves the Materials Testing Reactor area including radioactive laboratories. Most laboratory streams are HEPA filtered before the gas is released. The stack offgas is sampled and monitored, but little activity has been detected since the Materials Testing Reactor was shut down.

The ventilation systems for most TRA-604 laboratory fumehoods and several TRA-661 laboratory fumehoods exhaust out a stack that is attached to the west side of the Materials Testing Reactor building (TRA-603). The vent emits a small quantity of VOCs and radioactivity. The exhaust stream goes through a HEPA filtering system, is monitored for radioactivity, and then is emitted out the stack.

The Hot Cell building, TRA-632, contains three hot cells for handling radioactive materials; the hot cell, the light cell, and the heavy cell. The cells are used for the assembly, disassembly, or destruction of radioactive materials. The light cell is also used for metallography. All three exhaust stacks are monitored

for radioactivity by a common constant air monitor. All exhaust streams pass through a HEPA filtration system and an iodine removal system, either activated charcoal or silver-zeolite. A very small amount of decontamination work is also performed in the cells.

3.10.3 Secondary Sources

TRA has numerous secondary radiological sources, including radiological fumehoods used for research and analysis. Other secondary sources of emissions include a fumehood where only organic material is prepared for analysis, one welding hood, and two out-of-service radiological sources. The fumehoods are mainly used for either research or analysis. Some of the "radiological only" fumehoods are strictly used for sample preparation. Some of the chemicals emitted from various fumehood stacks are VOCs, nitric acid, and perchloric acid.

VOCs in the storage tanks include diesel fuel and unleaded gasoline. The fuel burning equipment includes two large bore diesel generators at the Advanced Test Reactor facility, two standby diesel generators, and two standby diesel water pumps, and one standby diesel compressor. The two water pumps both have dual exhausts, one for each side of the engine. The inorganic storage tanks contain sulfuric acid and sodium hydroxide. These materials are used in the demineralization system and for the cooling tower system.

3.10.4 Summary of TRA Emissions

Totals of each of the non-radionuclide principal pollutant emissions from sources at TRA during 1994 are summarized in Table 3.10-1.

Table 3.10-1. Summary of non-radionuclide principal pollutants at TRA.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	2.288E+01	2.344E+01	3.257E+01	6.876E+01
Nitrogen oxides	9.758E+01	8.995E+01	1.405E+02	2.718E+02
Particulate	6.022E+00	6.992E+00	9.000E+00	2.467E+01
Sulfur oxides	1.038E+01	1.454E+01	1.418E+01	3.955E+01
VOC - nonmethane	2.782E+00	3.163E+00	3.378E+00	7.885E+00

3.10.5 Summary of TRA Changes

Changes to specific sources located at TRA between the 1993 and 1994 Air Emissions Inventories are summarized in Table 3.10-2. Justification to changes are provided to clarify the status of the source.

Table 3.10-2. Summary of source changes at TRA - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
TRA-604-027	Vent # deleted	Insignificant source.
TRA-607-010	Vent # added	Newly identified source.
TRA-609A-001	Vent # added	Newly identified source.

Table 3.10-2 - Continued. Summary of source changes at TRA - 1993 to 1994 Inventory.

Emission Source	Description of change from 1993 to 1994 inventory	Justification
TRA-625-015	Vent # added	Newly identified source.
TRA-635-030 TRA-635-031	Vent # deleted	Source removed from service.
TRA-640-004	Vent # deleted	Insignificant source.
TRA-653-041	Vent # deleted	Source removed (prior to '94).
TRA-665-001	Vent # deleted	Source removed.
TRA-670-044	Vent # deleted	Source previously identified as 670-044 and 776-001. Only 776-001 is appropriate.
TRA-670-047 TRA-670-054	Vent # deleted	Insignificant source.
TRA-670A-001	Vent # added	New source.
TRA-675-001 TRA-675-002	Vent # deleted	Insignificant source.
TRA-680-002	Vent # added	Newly identified source.
TRA-707-001	Vent # deleted	Source removed.
TRA-771-001	Changed maximum particulate emissions from 6.6 ton/year to 238 ton/year.	Maximum drift fraction of 0.3% used.
TRA-776-001	Vent # added	Source originally identified as TRA-670-044. Designated now as a separate source.
TRA-777B-001	Vent # added	Newly identified source. (Replaces TRA-707-001).
TRA-777C-001	Vent # added	Newly identified source. (Replaces TRA-707-001).

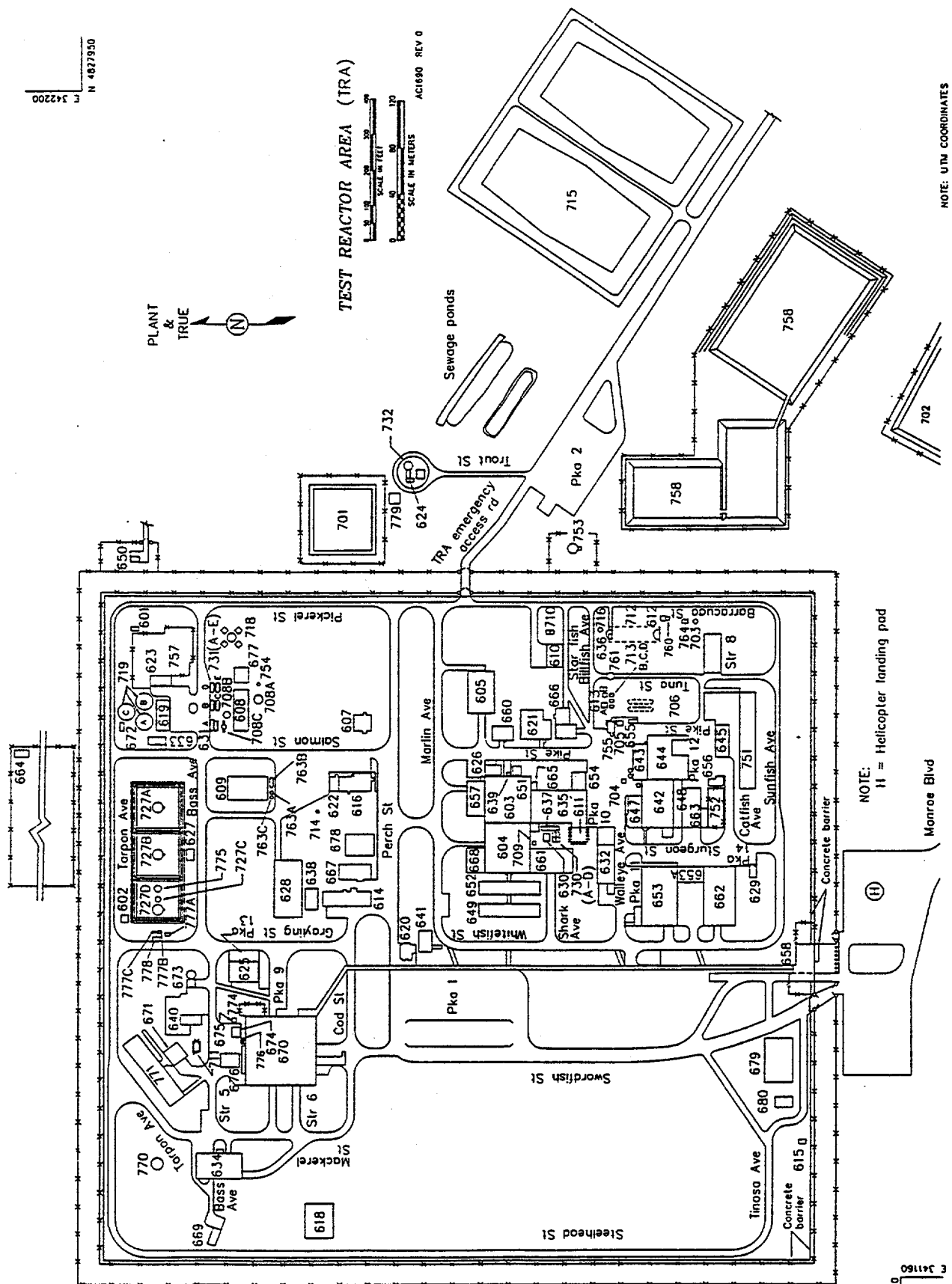


Figure 3-17. Area plot plan of the Test Reactor Area.

3.11 Summary of 1994 Emissions at the INEL

For the purpose of the Air Emission Inventory, the INEL is considered a single contiguous facility, even though the emission points are divided among distinct areas within the site. Table 3.11-1 summarizes the total emissions of the principal non-radionuclide pollutant emissions from the entire INEL. Results are given as an emission rate (lb/hr) and as annual release (tn/yr) for stationary sources.

Table 3.11-1. 1994 emissions for the INEL.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	3.6E+02	4.4E+02	1.1E+03	3.9E+03
Nitrogen oxides	1.1E+04	6.6E+02	2.7E+03	4.0E+03
Particulates	9.7E+01	1.1E+02	2.5E+02	7.0E+02
Sulfur oxides	3.4E+02	2.2E+02	8.2E+02	3.0E+03
VOC - nonmethane	5.3E+02	2.7E+01	6.4E+02	3.0E+02

3.12 1995 Air Emissions Inventory

The INEL initiated the Air Emissions Inventory process in 1989 to obtain baseline information required for preparation of an operating permit application in accordance with Title V of the Clean Air Act. Information obtained has been utilized and a State of Idaho Tier I Operating Permit Application has been prepared for submittal to the State of Idaho (INEL-95/0155-I through IX).

Areas of the INEL Air Emissions Inventory were identified for improvement. These areas typically include nomenclature changes and formatting. Many of these changes will be reflected in the 1995 Air Emissions Inventory such as:

- Revision to background information concerning initial and continuing inventory data collection.
- Revisions to sections describing Primary and Secondary sources to reflect Significant, Not-Significant and Insignificant activities.
- The addition of UTM Coordinates where absent, or correction to coordinates where errors are identified.
- The updating of area plot plans in the Air Emissions Inventory.
- The accurate portrayal of maximum emissions for certain permitted sources. These are not currently clear in Appendix C of the Air Emissions Inventory. These sources share a maximum permitted emission limit, but operate on various schedules ranging from standby status to full time operation. This issue will be clarified during preparation of the 1995 Air Emissions Inventory.
- The prorating of fuel consumption in instances where multiple sources feed from a single tank requires clarification. This issue will be clarified during preparation of the 1995 Air Emissions Inventory.

4. EMISSIONS ESTIMATES FOR STATIONARY SOURCES

The following sections describe the various calculations used to estimate the emissions from sources based on the data collected in the initial Phase II of the inventory and successive annual updates. Each section includes a list of assumptions made and calculational methods as applicable. Appendix C presents the data used to calculate the 1994 Air Emission Inventory.

An important consideration for regulatory purposes is an understanding of maximum emissions. Currently, the inventory requires the estimation of maximum emissions for each source. Maximum emission estimates represent emissions associated with the maximum operation of the given source. Sources with permits have already had maximum values attributed to them. These have been included in the inventory as they appear in the permit or application. Other maximum values were estimated as outlined in the following sections. If a maximum emission estimate could not be determined, the actual emission estimates were used as the maximum emissions estimates.

The database performs several calculations. The types of sources that the database produced calculations for are diesel and gas engines; boilers, furnaces, and heaters; and volatile organic compound storage tanks. AP-42 equations and tables were used in the calculations.

4.1 Industrial Engine Emissions

4.1.1 Methodology and Assumptions

Industrial stationary engines are commonly used throughout the INEL for emergency electrical power generation and water pumping. These sources generally operate on a routine schedule of 0.5 hours per week. This routine operation and maintenance are required to ensure that the systems are ready when needed. The operation schedule during an emergency is dependent on the nature of the problem. Based on discussions with the maintenance personnel around the facility, the usual power outage lasts from 1 to 4 hours. Power outages occur infrequently and at any time, so a specific schedule is impossible to predict.

These calculations cover two basic categories of engines with two fuel types. These categories generally include gasoline and diesel industrial engines with power ratings up to 600 hp, and large bore diesel engines with displacements greater than 560 in.³/cylinder or power ratings greater than 600 hp. Emissions from these sources include carbon monoxide, hydrocarbons, nitrogen oxides, sulfur oxides, volatile organic compounds (VOCs), hazardous air pollutants (HAPs), and particulates. The emissions for these sources are estimated based on published emission factors found in EPA's AP-42 Volume I.

A few industrial engines at the INEL have horsepower ratings in excess of 600 hp but are not classifiable as large bore engines. A consultant from Radian reviewed this issue, and after talking with respective manufacturers of these engines, determined that the AP-42 factors for engines less than 600 hp were appropriate in each case.

Assumptions:

- Operation schedule was based on routine operation according to information supplied by maintenance personnel.
- The primary method for estimating emissions was based on fuel consumption. Generally, fuel figures were available for most engines and were a better estimate than estimating an operating schedule.

- If fuel consumption figures were not available, estimates were based on engine power and operating schedule.
- Where several engines are operated from a common fuel tank, the fuel consumption for each engine was based on the ratio of each engine's power rating to the total for all the engines.

The following steps are required to estimate the emissions from industrial engines.

1. Determine engine size (horsepower, cubic inch displacement).
2. Look up emission factors in AP-42 (4/93), Volume 1;
 100-600 hp engines:
 Fuel input data - Table 3.3-1,
 Fuel input data for speciated PM - EPA SPECIATE Data Base, profile 32104

 > 600 hp engines:
 NO_x, SO_x, CO, Non-methane TOC - Table 3.4-1
 VOCs - Tables 3.4-3 and 3.4-4,
 PM - Table 3.4-5,
 Speciated PM compounds - EPA SPECIATE Data Base, profile 32206
3. Apply factor to either the fuel consumed or the operating schedule, and convert the units to pounds per hour and tons per year.

In the event that the data were limited, maximum and actual fuel consumption rates were sometimes obtained by one of the following methods. Since most of the engines at the INEL are for emergency purposes, they typically run only during preventive maintenance checks. Mechanics at several areas indicated that the engines are checked at 50% load. A large quantity of data was collected to determine on the average what percentage of the maximum fuel throughput is burned at 50% load, and it was determined to be roughly 50%. Therefore, if the maximum throughput was known, but not the actual, the actual was assumed to be 50% of the maximum, assuming that virtually all run time is at 50% load. Likewise, if the actual was known but not the maximum, the same relationship was assumed to be true. In rare cases, no information was available, and throughputs were determined to be the same as for similar engines with the same horsepower rating.

It was also determined to be necessary to check the validity of some throughput data since it appeared that the assumed throughput compared to the horsepower was indicating engine efficiency well in excess of the 35% average. To do this, a spreadsheet was developed with all the engines and their respective throughputs and horsepowers included. The efficiency was calculated and those with suspiciously high values were rechecked and corrected.

4.1.2 Maximum Emission Estimates

The method for determining maximum emissions from all standard sources of fuel burning equipment was identical to the AP-42 method used to calculate actual emissions. The only difference is that the maximum rate of fuel consumption for 8,760 hours of operation is applied to the emission factors; except in cases where permit limits restrict the hours of operation, or classification as a not-significant source in the operating permit application restricts the hours of operation. A maximum fuel consumption rate was generally available from information either directly on the piece of equipment or from data provided by vendors. In a few instances, assumptions were made based on a knowledge of operation schedules. For

example, most emergency generators are operated for a known period each week for preventive maintenance purposes. When they do run, they typically run at 50% load. Vendor data indicates that on the average, when an industrial engine runs at 50% load, the fuel consumption rate is roughly 50% of the maximum. Therefore, if normal consumption rates are known from fuel tank loading information, then a good approximation of the maximum fuel consumption rate can be made knowing this 50% relationship. Sometimes working this relationship the other way was useful, estimating the normal rate of consumption when only the maximum was known.

In some cases, maximum emissions were calculated based on the maximum horsepower of the engine and the appropriate emissions factor in g/ph-hr.

horsepower $\times$ AP-42 factor $\times$ maximum allowed hours = yearly maximum emissions

4.1.3 Calculations Performed by the Database

The emission calculations for internal combustion engines (diesel and gas) used the following equation:

Gal/year $\times$ AP-42 factor (lb/1,000 gal)/2,000 (lb/ton) = yearly emission (ton/year).

Using the operation schedule provided on the data sheets, the hourly emissions were calculated as follows:

Gal/hr $\times$ AP-42 factor (lb/1,000 gal) = hourly emission (lb/hr).

4.2 Boiler Emissions

4.2.1 Methodology and Assumptions

Boilers are used throughout the INEL primarily to provide space heating and process steam. Their fuels range from natural gas to coal. Boiler sizes range from residential sized heaters (less than 0.5 MBtu/hr) to the large coal fired steam generation facility at ICPP (165 MBtu/hr). Boiler operation schedules vary depending on operations, weather, and reactor schedules. Because of the critical need for boilers in several areas, many boiler installations include up to 100% backup capacity for emergency purposes. These backup boilers are generally only operated for maintenance purposes. The best way to determine boiler use is to measure boiler fuel consumption. Fuel consumption automatically takes into account both hours of operation and boiler load. Fuel consumption figures are typically well documented and reliable.

Boiler emissions include carbon monoxide, nitrogen oxides, sulfur oxides, volatile organics, HAPs, and particulates. These emissions are estimated using published emission factors found in AP-42 (4/93).

Assumptions:

- Operation schedule is based on best estimates of boiler operators or maintenance staff.
- Emission estimates are primarily based on the annual fuel consumption.

- When several boilers have the same fuel source, the emissions for each boiler are based on the ratio of the individual capacity to the total capacity.
- During the initial inventory process, the sulfur content for No. 2 fuel oil was considered to be 0.24 weight percent, and 0.9 weight percent for No. 5 fuel oil. However, per the present vendor contracts, the current emissions estimates use the sulfur content of No. 2 fuel oil as 0.5 weight percent and the sulfur content of No. 5 fuel oil as 1.5 weight percent.
- In several instances, a boiler may burn a mixture of No. 1 fuel oil and No. 2 fuel oil; in such cases, the emissions estimates assumed all fuel burned was represented by No. 2 fuel oil.

The following steps are required to determine the emissions from boilers.

1. Determine fuel type (coal, oil, natural gas).
2. Determine boiler capacity (utility, industrial, commercial, residential).
3. Look up emission factor in AP-42 (4/93), Volume 1;
 NO_x , SO_x , CO, - Table 1.3-1,
 Non-methane VOC - Table 1.3-4
 PM - Table 1.3-8
 Trace metals - Table 1.3-11
 Hexane and formaldehyde - EPA SPECIATE Data Base, profile 0001
4. Multiply emission factor by fuel consumed and correct units to lb/hr or ton/year.

4.2.2 Maximum Emission Estimates

The method for determining maximum emissions from all standard sources of boilers was identical to the AP-42 method used to calculate actual emissions. The only difference is that the maximum rate of fuel consumption for 8,760 hours of operation is applied to the emission factors. The maximum fuel consumption rate was generally available from information either directly on the piece of equipment or from data provided by vendors. In a few instances, assumptions were made based on a knowledge of operation schedules and permit limits.

$$\text{Gal/yr} = 8760 \text{ hr/yr} \times (\text{max lb/hr} / 7.21 \text{ lb/gal})$$

$$\text{Max lb/hr} = (\text{MCR of steam}) (1,000 \text{ Btu/lb}) / (0.8) (19,400 \text{ Btu/lb})$$

where:

$$\text{Maximum continuous rating (MCR of steam)} = \text{steam lb/hr}$$

$$\text{Heat content of No. 2 fuel oil} = 19,400 \text{ Btu/lb}$$

$$\text{Boiler efficiency (assumed)} = 80 \text{ percent}$$

$$\text{Density of No. 2 fuel oil} = 7.21 \text{ lb/gal}$$

4.2.3 Calculations Performed by the Database

The emission calculations for boilers, heaters, and furnaces used the following equation:

$$\text{Gal/yr} \times \text{AP-42 factor (lb/1,000 gal)/2,000 (lb/ton)} = \text{yearly emission (ton/yr)}.$$

Using the operation schedule provided on the data sheets, the hourly emissions were calculated as follows:

$$\text{Gal/hr} \times \text{AP-42 factor (lb/1,000 gal)} = \text{hourly emission (lb/hr)}.$$

4.3 Laboratory Fumehood Calculations

4.3.1 Methodology and Assumptions

Many buildings at the INEL have laboratories with fumehoods. These hoods are used for chemical analysis, radiological analysis, chemical storage, and research and development. The types of pollutants that may be involved include acids, bases, volatile organics, particulates, and a variety of other chemicals and gases that may or may not be of regulatory concern. The majority of hoods are used mostly for precautionary measures or infrequent experimental work, but some are used routinely for both research and analysis.

In general, process knowledge provides the emissions estimates for laboratory fumehoods. Process knowledge included laboratory fumehood chemical inventories and associated uses. Because of the wide variety of materials that could be used in a laboratory hood, the laboratory custodians and technicians were relied upon to provide information about potential emissions based on knowledge of hood use and present programs. Whenever question arose about quantities that were actually emitted, the most conservative estimate was used. The most conservative estimate is to assume 100% of the chemical inventories are emitted. Whenever possible, log books were referred to for the numbers and types of analysis/experiments performed in specific hoods over a period of several months.

Assumptions:

- Acids and bases are not emitted unless they are heated or boiled off, in which case 100% is assumed emitted.
- 100% of the volatile organic compounds are vented unless knowledge of disposal procedures can account for a known percentage of volatile organic compounds used in the hoods.
- Solid chemicals mixed in solution remain in solution and are not otherwise emitted to the atmosphere.
- Laboratories with more than one hood are assumed to emit an equal distribution of the identified quantities of pollutants from that lab, unless the custodians specifically indicate otherwise.

4.3.2 Maximum Emission Estimates

Quantifying the maximum amount of material that could be emitted from a laboratory fumehood is very difficult. The only reasonable means for doing so in the context of this inventory was to assume that the

actual emission rate was reasonably representative of the maximum and multiply that value by 8,760 hours to obtain the maximum yearly emissions.

4.4 Painting Operations Calculations

4.4.1 Methodology and Assumptions

A variety of painting operations occur at the INEL, including spray booths, brush applications inside craft shops, spraying and brushing on location, paint mixing, and brush/equipment cleaning. The paint booths are typically the only sources with a designated blower specific to that source. Any painting that occurs elsewhere in the shop is considered to be vented either from a nearby room exhaust, or through the paint booth, whichever is most appropriate.

For convenience, all painting that occurs on location around the INEL is attributed to the paint shop that supplied the paint, and all emissions are assumed to vent with the paint booth. Shop managers and material safety data sheets provided information about the materials used in the paint booths.

Emissions estimates associated with painting operations were hand calculated and based on process knowledge of the given operation. The database does not provide calculations for these types of operations.

Assumptions:

- 100% of VOCs from paint is emitted
- 15% of paint solids are emitted from spraying activities
- 0% of solids are emitted from brush application activities
- 40% of lacquer thinner and other thinners are evaporated to the atmosphere (60% is disposed of in satellite accumulation areas)
- 10% of mineral spirits solvent is evaporated to the atmosphere (90% is disposed of in satellite accumulation area)
- All painting operations are associated with a vent
- 90% filter efficiency for particulate in a spray booth
- 0% filter efficiency for all volatile organic compounds, and for particulate from activities outside the spray booth
- Typical operating schedule (if not provided by operator) is 4 hours/day, 5 days/week, 52 weeks/year, or 1,040 hours per year.

4.4.2 Maximum Emission Estimates

Maximum emission estimates from paint booths are based on the assumption that the average spray gun can spray 2.5 gallons of paint per hour and that 100% of the solvents purchased for paint thinning and brush cleaning are emitted. An emission rate can then be determined in the same manner as for the actual emissions, assuming 8,760 hours of operation.

4.5 Organic Tank Emissions Calculations Methodology

4.5.1 Methodology and Assumptions

INEL storage tanks may be vertical or horizontal, above ground or underground, and inside or outside buildings. The majority of the organic liquid storage tanks are vertical with a fixed roof. This type of tank consists of a cylindrical steel shell with a permanently affixed roof, which may vary in design from cone- or dome-shaped to flat. Fixed roof tanks at the INEL are typically freely vented.

The INEL methodology for estimating emissions for organic storage tanks is derived from EPA's AP-42, Compilation of Air Emission Factors—Stationary Sources, Section 4.3, "Storage of Organic Liquids." Emissions from tanks occur when the vapor space is either pressurized by a change in temperature or pressure, relieving the pressure by "breathing" out of the vent (breathing loss), or when the tank is filled, displacing the vapor out of the tank (working loss). Aboveground tanks are much more susceptible to daily temperature changes, and tank color and paint condition are therefore considered in calculating their emissions.

The INEL uses AP-42, Volume I, Section 4.3 (September 1985) to calculate the emissions from the storage of organic liquids. The INEL Emissions Inventory System is programmed to perform these calculations. However, the EPA recently reissued the organic storage tank calculations in AP-42 Chapter 12. At the request of industry, the EPA redeveloped the complicated calculations to provide for easier calculations and to support the development of an EPA program to calculate storage tank emissions. Although the original calculations are more complex, the INEL inventory system is programmed with and uses the more complex calculations for the 1994 Air Emissions Inventory.

The two types of emissions from fixed-roof, organic storage tanks are breathing loss and working loss. Breathing loss is the expulsion of vapor from a tank through vapor expansion and contraction because of changes in temperature and barometric pressure. Breathing loss does not change the liquid level in the tank. Working loss is the combined loss from filling and emptying tank contents. Filling loss comes with an increase of the liquid level in the tank, when the pressure inside the tank exceeds the relief pressure, or atmospheric pressure, and vapors are expelled from the tank. Emptying loss occurs when air drawn into the tank during liquid removal becomes saturated with organic vapor and expands, thus exceeding the capacity of the vapor space.

Above ground, horizontal organic storage tanks pose a unique problem from an AP-42 standpoint, since the empirical equation is specifically for vertical tanks. The equation considers the tank diameter as a function of the liquid surface area, but the diameter on a horizontal tank will have a much different effect on the surface area than will the diameter of a vertical tank. To correct for this, an average surface area is computed for horizontal tanks, and then an equivalent diameter factor is calculated based on that area. This diameter is then inserted into the AP-42 equation directly as though it was for a vertical tank.

The following assumptions standardize the storage tank calculations.

- Daily temperature change of underground tanks and inside tanks is approximately zero, and therefore the breathing loss is also approximately zero.
- Average atmospheric pressure is 12.3 psi.

- Working loss emissions are equal to volume of vapor displaced by fuel during tank filling. The number of times the tank is filled is assumed to be equal to the annual throughput divided by the volume of the tank.
- The vapor space height for horizontal cylindrical tanks is approximated as though the tank were of square cross section. This greatly simplifies the calculation.
- The maximum fill rates of the tanks were provided by the INEL Idaho Traffic Division as follows:

Aboveground tanks: trucks pump at 200 gal/min
 Underground tanks: gravity fed at 100 gal/min
 CFA-754 and TAN-724: self pumping at 90 gal/min.

4.6 Emissions from Welding Operations

4.6.1 Methodology and Assumptions

Welding operations are located at ANL-W, CFA, ICPP, NRF, and TAN. During welding, a percentage of the welding rod is deposited and the balance goes to fume. The fumes are then removed by the ventilation system and released to the atmosphere. To calculate the amount and composition of the fume released to the atmosphere, the type and amount of welding rod used per year at each welding operation, the percentage of welding rod used that goes to fume for each rod type, the composition of the fumes from each rod type, and the stack parameters of the ventilation systems information was collected.

Assumptions:

- All fumes produced during welding are vented through the stack on the associated ventilation system.
- Fumes produced during tungsten inert gas welding are negligible (Barnes, Tak) and thus are not considered.
- The percent fume generated and fume constituents will be the same for welding rods of the same type but different manufacturers.
- For modeling purposes, all welding fumes generated in a building will be vented to the atmosphere through one stack.

Formula:

$$\text{Amount of rod used} \times \frac{\text{weight \% of fumes}}{100} = \text{fumes generated (lb)}$$

$$\text{Fumes generated (lb)} \times \frac{\text{weight \% of constituent}}{100} = \text{constituent generated (lb)}.$$

4.6.2 Maximum Emission Estimates

The maximum emissions from welding booths are based on welders' estimates that each welder in any given booth can burn a maximum of ten pounds of weld rod per hour. Multiplying the particulate factors for ten pounds per hour provides the emission rate, and multiplying the rate by 8,760 hours per year gives the annual maximum quantity.

4.7 Main Stacks

4.7.1 Methodology and Assumptions

Main stacks are large emission points that consist of several effluent streams culminating in a single, typically very large stack, such as the ICPP main stack. Each main stack is unique: processes that it exhausts are peculiar to that stack alone. The general method used for determining the emissions from these sources is to track each individual effluent stream to its source and estimate the emissions. The main stack's emissions then are the sum of each contributing source. Main stack emission estimates were determined using stack monitoring results, process knowledge, existing permits, permit applications, engineering drawings, interviews with cognizant engineers, and calculations.

4.7.2 Maximum Emission Estimates

The maximum emissions for main stacks were typically determined from either permit values or cognitive engineers. Some National Environmental Policy Act documents, including environmental assessments, were also used.

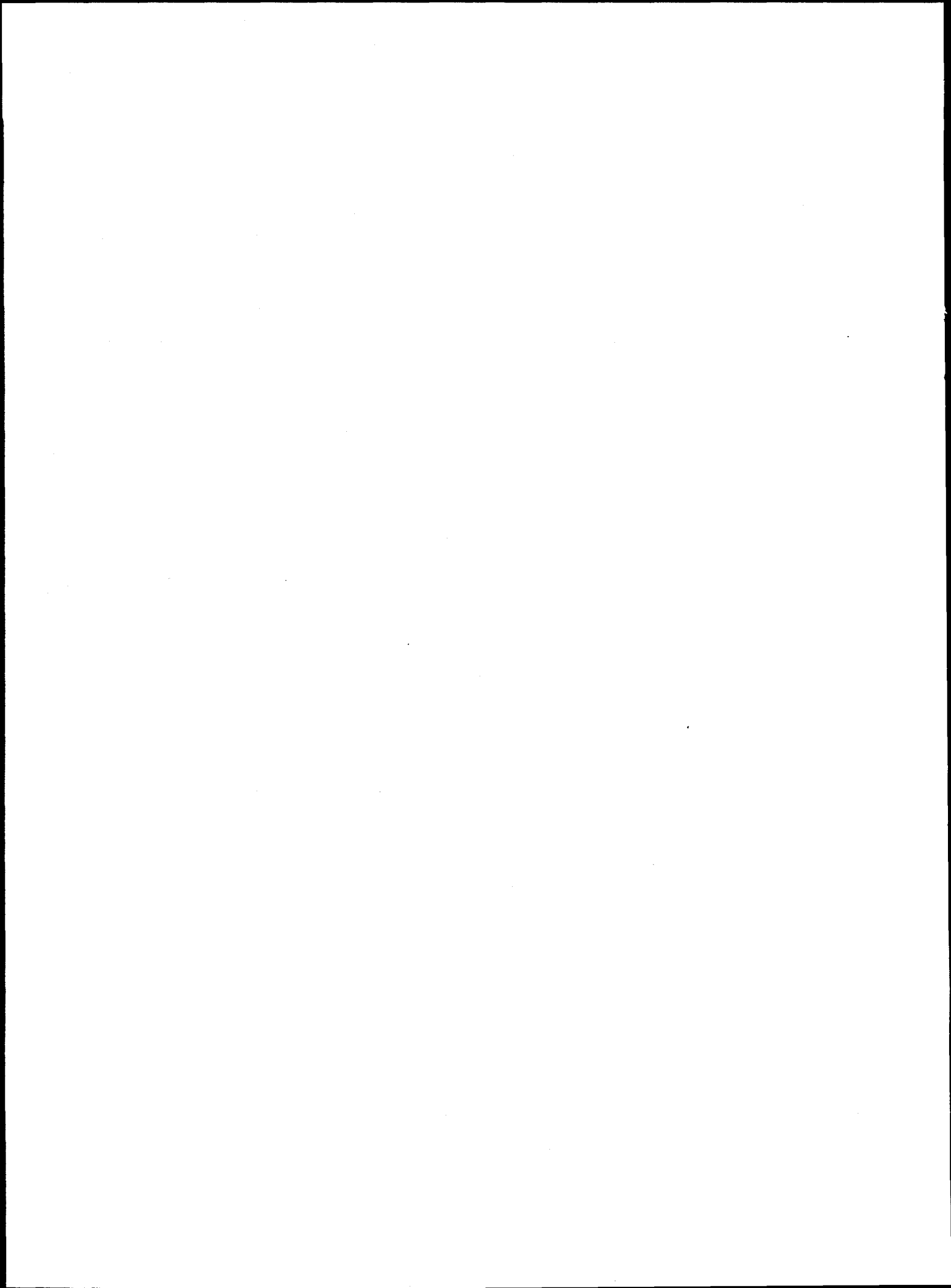
4.8 Miscellaneous Sources

4.8.1 Methodology and Assumptions

Occasionally during the inventory, a source was encountered that did not fit into any of the above categories. Each of these had to be handled on a case-by-case basis. Calculations were typically based on a set of assumptions that allowed these sources to be characterized in a fashion similar to other more familiar sources. These assumptions and calculations were documented and attached to the field data sheets.

4.8.2 Maximum Emission Estimates

Unusual or unique source types that did not fit the above source types had maximum emissions calculated on a case by case basis. The most common method was to assume that the hourly emission rate was the maximum and multiply by 8,760 hours for the annual quantity. If a maximum emission estimate could not be assigned, the actual emissions estimates were utilized as the maximums.



5. REFERENCES

DOE-ID, 1993, *Idaho National Engineering Laboratory Technical Site Information*, DOE/ID-10401, May 1993.

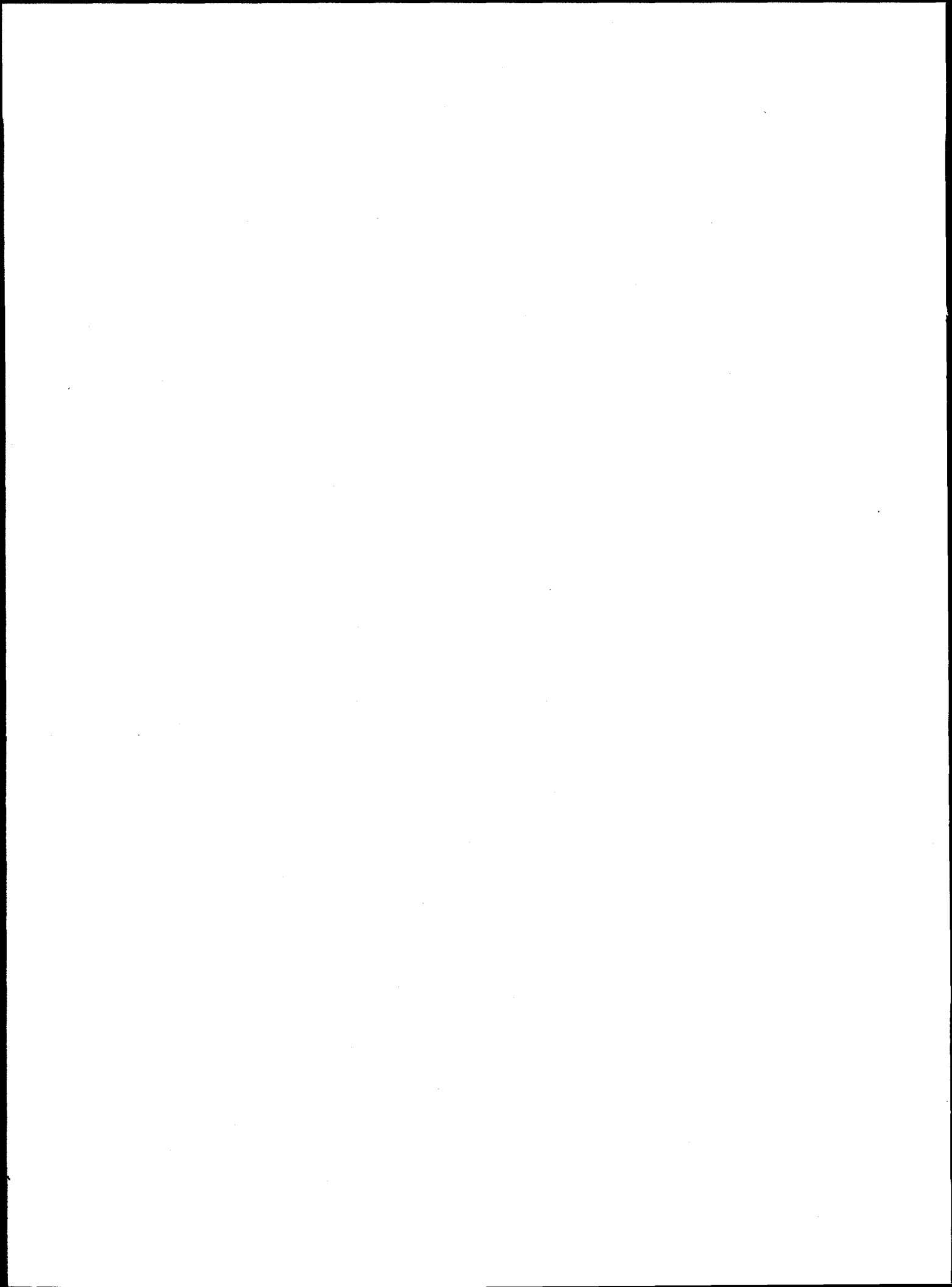
DOE-ID, 1992, *Air Emission Inventory for the Idaho National Engineering Laboratory—1990 & 1991 Emissions Report*, U.S. Department of Energy, Field Office, Idaho, DOE/ID-10433(92), June 1992.

DOE-ID, 1991, *Air Emission Inventory for the Idaho National Engineering Laboratory*, DOE/ID-10432(91), March 1991.

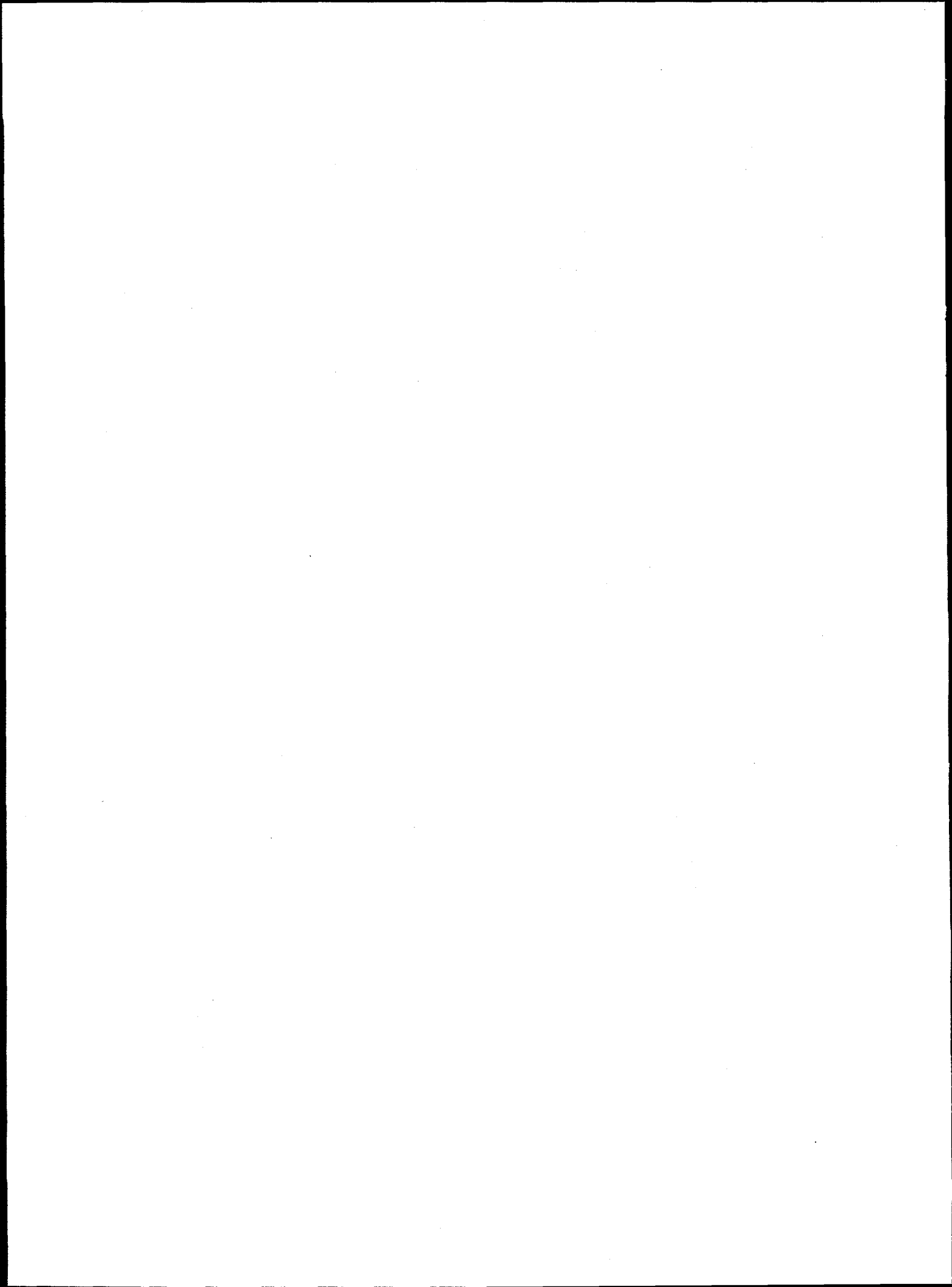
DOE 1990, *NESHAPs 40 CFR 61.93 Monitoring Requirements for Radiological Emission Sources at INEL*, DOE/ID-10310, November 1990.

EPA, *Compilation of Air Pollutant Emission Factors*, U.S. Environmental Protection Agency, AP-42, current revision.

INEL 1995, *Application for a Title V Operating Permit for the Idaho National Engineering Laboratory*, INEL-95/0155-I through IX, July 1995.



Appendix A
Phase I & II Forms



DOE/EC0 Rev.1
Form 2

Vent No.: _____
Date: _____

DOE-ID ECO Air Emission Inventory - 1989

Team Members: _____ _____ _____	Building No.: _____ Building Name: _____ Building/Structure Description: _____ _____
Area Contact: _____	
Phone: _____ Mailstop _____	

Vent Location: _____

Vent Description: _____

Stack Information:

Diameter _____ Height Above Ground _____
Color _____ Height Above Roof _____

TYPE OF VENT

- ☐ HVAC Exhaust*
- ☐ Process Exhaust*
- ☐ Fugitive Source*
- ☐ Other (Specify)

SOURCE TYPE

- ☐ Combustion Source
- ☐ Storage Tank (VOC)
- ☐ Fumehood
- ☐ Radiological Process
- ☐ Admin. Area
- ☐ Area Source
- ☐ Storage Area (Specify)
- ☐ Chemical Process
- ☐ Storage Tank (Other)
- ☐ Degreaser
- ☐ Steam/Air Vent
- ☐ Maintenance Area
- ☐ Other (Specify)

*If this type of vent is checked be sure to evaluate if source type is applicable.

COMMENTS:

DOE-ID ECO Air Emission Inventory Phase II, 1990

Team _____	Date _____	Contact _____ Phone Number _____
Source Number (Area - Building - Source Number)		

PROCESS DATA

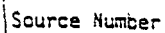
Process Description _____ _____ _____ _____	
Manufacturer _____ Model Number _____	Operating Schedule _____ _____ hrs/day _____ days/week _____ weeks/year
Permit ____ Yes ____ No Application ____ Yes ____ No	Flow Sheet ____ Yes ____ No

STACK DATA

Stack Height Above Roof _____ ft	Inside Diameter _____ in
Roof Height Above Ground _____ ft	Vol. Flow Rate _____ ft ³ /min
or Stack Height Above Ground _____ ft	or Exit Velocity _____ ft/min
Ground Elevation of Stack/Bldg. (ft)	Exit Gas Temperature (Indicate if Room Temp. or ambient) _____ °F
UTM Coordinates of the Stack (If Area Source, Give UTM for Southwest Corner) _____ N _____ E	

DATA CATEGORY

Chemical Sources ☐	Storage Tanks for Inorganic Liquids ☐
Fuel Burning Equipment ☐	Other _____
Storage Tanks for Liquid Fuels, Solvents, and Other Volatile Organics ☐	_____



Comments: _____

References (People or documents):

Prints or photos: _____



DOE-ID ECO Air Emission Inventory Phase II-1990
Chemical Sources

Source Number		Date		Team	
Type of Material Handled or Emitted Laboratory Chemicals ☐ Paints, Thinners, Glues, Lacquers, etc. ☐ Metals (fumes) ☐ Radionuclides ☐ Other (specify) _____			Physical State of Pollutants (Solid-Bulky, Powder; Liquid-Bulk, Mist; Gas) _____ _____ _____		
			Method of Disposal of Waste Materials _____ _____ _____ _____		
			Method to Control Fugitive Emissions _____ _____ _____ _____ _____ _____ _____ _____		
			Process Name/Description Storage ☐ Weld Booth ☐ Research ☐ Batteries ☐ Analysis ☐ Acid/Base Mix Tank ☐ Paint Booth ☐ Other (specify) _____ _____ _____		
			Is this a multi-source vent? ____ Yes ____ No		



DOE-ID ECO Air Emission Inventory Phase II-1990
Fuel Burning Equipment

Source Number		Date		Team	
Fuel Type			Fuel Consumption Per Quarter as % of Annual		
Primary _____			January - March _____ %		
Secondary _____			April - June _____ %		
			July - August _____ %		
			September - December _____ %		
Hourly Fuel Consumption			Equipment Type		
	Primary	Secondary	☐ Boiler ☐ Propane/Butane Burners		
Maximum amount burned/hour	_____	_____	☐ Heater		
Normal amount burned/hour	_____	_____	☐ Furnace		
or			☐ Small Diesel Engine		
Normal amount burned/year	_____	_____	☐ Large Bore Diesel Engine		

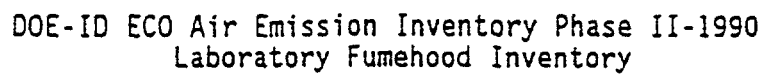
DOE-ID ECO Air Emission Inventory Phase II-1990
Storage Tanks for Liquid Fuels, Solvents,
and Other Volatile Organic Compounds

Source Number _____		Date _____	
Type of Storage Tank Fixed Roof ☐ Floating Roof (or internal cover) ☐ Variable Vapor Space ☐ Pressure Tank ☐		Tank Location Inside Building ☐ If inside, what is the average room Outside Building ☐ Temperature _____ °F Above Ground ☐ Under Ground ☐	
Material Stored in Tank _____		If above ground: Roof Color _____ Paint Condition(roof) _____ Shell Color _____ Paint Condition(shell) _____	
Tank Capacity (gallons) _____			
Tank Diameter (ft) _____			
Tank Length (ft) _____			
Annual Throughput (gallons/year) _____		Tank Orientation Horizontal ☐ Vertical ☐	
Source of Tank Contents			
Pipeline ☐ Tank Truck ☐ Rail Car ☐ Other: _____			
Method of Vapor Recovery _____		Average Percent Full _____	
Efficiency _____ %		(Converted to Decimal)	
Is there any air moving through the tank contents such as bubble probes, air purges, sparging, etc? Air Flow rate = _____ Ft ³ /Min		Vapor Space Height If Horizontal, $H = (APF)(Diam) = \text{_____ Ft}$ If Vertical $H = (APF)(Length) = \text{_____ Ft}$	
Is there an inert gas jacket around the tank?		Throughput-Per Quarter as % of Annual	
		January-March _____	
		April-June _____	
		July-September _____	
		October-December _____	
Pollutant Control Equipment ☐ Pollutant Monitoring Equipment ☐			

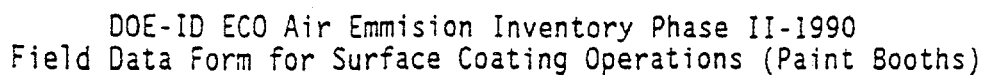


DOE-ID ECO Air Emission Inventory Phase II-1990
Inorganic Storage Tanks

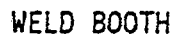
Source Number _____		Date _____	
Type of Storage Tank Fixed Roof ☐ Floating Roof (or internal cover) ☐ Variable Vapor Space ☐ Pressure Tank ☐		Is the tank agitated? ☐ Yes ☐ No How? _____	
Material Stored in Tank _____ Tank Capacity (gallons) _____ Tank Diameter (ft) _____ Tank Length (ft) _____ Annual Throughput (gallons/year) _____		Tank Location Inside Building ☐ If inside, what is the average room Outside Building ☐ Temperature _____ °F Above Ground ☐ Under Ground ☐ If above ground: Roof Color _____ Paint Condition (roof) _____ Shell Color _____ Paint Condition (shell) _____	
Source of Tank Contents Pipeline ☐ Tank Truck ☐ Rail Car ☐ Other: _____		Tank Orientation Horizontal ☐ Vertical ☐	
Method of Vapor Recovery _____ Efficiency _____ %		Average Percent Full (Converted to Decimal) APF = _____	
Is there any air moving through the tank contents such as bubble probes, air purges, sparging, etc? Air Flow rate = _____ Ft ³ /Min		Vapor Space Height If Horizontal, H = (APF)(Diam) = _____ Ft If Vertical H = (APF)(Length) = _____ Ft	
Is there an inert gas jacket around the tank?		Throughput Per Quarter as % of Annual January-March _____ April-June _____ July-September _____ October-December _____	
Pollutant Control Equipment ☐		Pollutant Monitoring Equipment ☐	



A-11



Pollution Control Equipment _____ Pollution Monitoring Equipment _____ Additional Sheets _____

BATTERIES

ACID/BASE MIX TANKS

Comments:



DOE-ID ECO Air Emission Inventory Phase II-1990
Specific Field Data For Classes of Fuel Burning Equipment

Source Number

BOILERS

Boiler Class		Boiler Load (% of full power during normal operation) _____ %	Heat Usage
Utility ☐	Commercial ☐		%Process _____
Industrial ☐	Residential ☐		%Space Heating _____
Firing Method		Maintenance Schedule	Rated Heat Input Capacity (BTU/Hr)
Tangentially ☐	Horizontally ☐	_____	
Air Atomizing ☐	Other _____	_____	

GAS/DIESEL INDUSTRIAL ENGINES

Engine Horsepower _____ Hp	If engine burns gasoline, is there a day tank that feeds the engine? ____ Yes ____ No
Emergency Use Only? ____ Yes ____ No	If Yes, how many hours per day is the day tank full? _____ Per day
Any relevant manufacturers data on releases: _____	

LARGE BORE DIESEL ENGINES (560 Cubic Inch Displacement or Larger)

Engine Horsepower _____ Hp	Emergency Only? ____ Yes ____ No	Cubic Inch Displacement _____ In ³
Manufacturer guaranteed releases: _____		

Pollutant Control Equipment ☐	Pollutant Monitoring Equipment ☐
--	---



DOE-ID ECO Emission Inventory Phase II-1990
Field Data Form for Liquid Propane Combustion Sources

Source Number	Date
Fuel Type Propane ☐ Butane ☐	Gallons Annually _____ gallons
Fuel Grade A B C D E	Pollutant Control Equipment ☐ Pollutant Monitoring Equipment ☐

Source Number:

[illegible]



DOE-ID ECO Air Emission Inventory Phase II-1990
Pollution Control Equipment Supplement

Source Number

Pollution Control Equipment		Pollution Control Equipment	
Type	_____	Type	_____
Manufacturer	_____	Manufacturer	_____
Model Number	_____	Model Number	_____
Manufacturer Guaranteed ☐ Yes ☐ No		Manufacturer Guaranteed ☐ Yes ☐ No	
Pollutants	%Efficiency	Pollutants	%Efficiency
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
For Wet Scrubbers: Water Flow _____ GPM		For Wet Scrubbers: Water Flow _____ GPM	
Pressure Drop _____ Inches of Water		Pressure Drop _____ Inches of Water	
For Baghouse: Air/Cloth Ratio _____		For Baghouse: Air/Cloth Ratio _____	

Pollution Control Equipment		Pollution Control Equipment	
Type	_____	Type	_____
Manufacturer	_____	Manufacturer	_____
Model Number	_____	Model Number	_____
Manufacturer Guaranteed ☐ Yes ☐ No		Manufacturer Guaranteed ☐ Yes ☐ No	
Pollutants	%Efficiency	Pollutants	%Efficiency
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
For Wet Scrubbers: Water Flow _____ GPM		For Wet Scrubbers: Water Flow _____ GPM	
Pressure Drop _____ Inches of Water		Pressure Drop _____ Inches of Water	
For Baghouse: Air/Cloth Ratio _____		For Baghouse: Air/Cloth Ratio _____	



DOE-ID ECO Air Emission Inventory Phase II-1990
Pollution Monitoring Equipment Supplement

Source Number _____

Monitoring Equipment

Pollutant Monitored _____
Manufacturer _____
Model Number _____

Continuous Monitoring ____Yes ____No

If not Continuous, Frequency _____

Monitoring Equipment

Pollutant Monitored _____
Manufacturer _____
Model Number _____

Continuous Monitoring ____Yes ____No

If not Continuous, Frequency _____

Monitoring Equipment

Pollutant Monitored _____
Manufacturer _____
Model Number _____

Continuous Monitoring ____Yes ____No

If not Continuous, Frequency _____

Monitoring Equipment

Pollutant Monitored _____
Manufacturer _____
Model Number _____

Continuous Monitoring ____Yes ____No

If not Continuous, Frequency _____

Monitoring Equipment

Pollutant Monitored _____
Manufacturer _____
Model Number _____

Continuous Monitoring ____Yes ____No

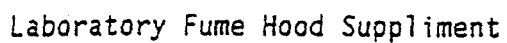
If not Continuous, Frequency _____

Monitoring Equipment

Pollutant Monitored _____
Manufacturer _____
Model Number _____

Continuous Monitoring ____Yes ____No

If not Continuous, Frequency _____

Side 2

Additional Sheets

11/11/2011

Date _____

Additional Sheets _____

Appendix B

1994 Air Emission Inventory Emissions Tables

Appendix B

1994 Air Emission Inventory Emissions Tables

This appendix presents the breakdown of emissions estimates as presented in the summary tables within the document text. The first set of tables present the summary of emissions for each pollutant for each area. The second set of tables present the ranking of the more significant sources for each pollutant. The third set of tables present the complete breakdown of the emissions for each source and area. The final set of tables includes hazardous air pollutants (HAPs) emitted from INEL sources.

Maximum emissions listed in the inventory do not reflect the cited not-significant maximums in the INEL Operating Permit Application (e.g. not-significant levels for laboratory sources of 1 ton/yr of any HAP).

SUMMARY OF TOTALS FOR EACH PRINCIPAL POLLUTANTS AT ANL FOR 1994

POLLUTANT	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR
CARBON MONOXIDE	1.579E+01	2.766E+00	3.358E+01	8.022E+01
NITROGEN OXIDES	6.993E+01	1.116E+01	1.505E+02	3.486E+02
PARTICULATE	4.864E+00	1.091E+00	1.226E+01	2.350E+01
SULFUR OXIDES	4.382E+01	3.750E+01	6.050E+01	2.446E+02
VOC-NONMETHANE	5.454E+01	6.053E-01	6.486E+01	5.807E+00

SUMMARY OF TOTALS FOR EACH PRINCIPAL POLLUTANTS AT B08 FOR 1994

POLLUTANT	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR
CARBON MONOXIDE	3.250E-01	4.225E-03	6.500E-01	2.847E+00
NITROGEN OXIDES	1.510E+00	1.963E-02	3.020E+00	1.323E+01
PARTICULATE	1.063E-01	1.381E-03	2.125E-01	9.308E-01
SULFUR OXIDES	9.925E-02	1.290E-03	1.985E-01	8.694E-01
VOC-NONMETHANE	3.493E-01	1.611E-04	3.616E-01	1.080E-01

SUMMARY OF TOTALS FOR EACH PRINCIPAL POLLUTANTS AT B16 FOR 1994

POLLUTANT	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR
CARBON MONOXIDE	2.800E+00	1.700E-02	1.060E+01	4.650E+01
NITROGEN OXIDES	1.300E+00	8.100E-03	1.000E+01	4.380E+01
PARTICULATE	3.100E-01	1.900E-03	1.150E+00	5.020E+00
SULFUR OXIDES	1.000E+00	5.500E-03	3.400E+00	1.490E+01
VOC-NONMETHANE	4.080E-01	9.500E-01	1.358E+00	5.690E+00

SUMMARY OF TOTALS FOR EACH PRINCIPAL POLLUTANTS AT B21 FOR 1994

POLLUTANT	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR
CARBON MONOXIDE	3.000E-03	4.000E-03	3.000E-03	1.400E-02
PARTICULATE	2.400E-06	3.190E-06	2.400E-06	1.100E-05
VOC-NONMETHANE	1.300E-02	5.800E-02	6.600E-02	2.910E-01

SUMMARY OF TOTALS FOR EACH PRINCIPAL POLLUTANTS AT B23 FOR 1994

POLLUTANT	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR
VOC-NONMETHANE	3.370E-01	9.126E-07	3.370E-01	9.126E-07

SUMMARY OF TOTALS FOR EACH PRINCIPAL POLLUTANTS AT B27 FOR 1994

POLLUTANT	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR
CARBON MONOXIDE	3.250E-01	4.225E-04	6.500E-01	2.847E+00
NITROGEN OXIDES	1.510E+00	1.963E-03	3.020E+00	1.323E+01
PARTICULATE	1.063E-01	1.381E-04	2.125E-01	9.308E-01
SULFUR OXIDES	9.925E-02	1.290E-04	1.985E-01	8.694E-01
VOC-NONMETHANE	3.493E-01	1.694E-05	3.616E-01	1.080E-01

SUMMARY OF TOTALS FOR EACH PRINCIPAL POLLUTANTS AT CFA FOR 1994

POLLUTANT	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR
CARBON MONOXIDE	9.112E+00	8.197E-01	1.265E+01	3.653E+01
NITROGEN OXIDES	3.809E+01	3.366E+00	5.771E+01	1.659E+02
PARTICULATE	4.598E+01	4.762E+01	5.514E+01	6.461E+01
SULFUR OXIDES	6.215E+00	1.075E+01	2.997E+01	9.205E+01
VOC-NONMETHANE	1.364E+02	9.232E+00	1.387E+02	8.414E+01

SUMMARY OF TOTALS FOR EACH PRINCIPAL POLLUTANTS AT CPP FOR 1994

POLLUTANT	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR
CARBON MONOXIDE	2.082E+02	4.029E+02	8.589E+02	3.552E+03
NITROGEN OXIDES	3.365E+02	5.181E+02	1.868E+03	2.513E+03
PARTICULATE	1.075E+01	3.658E+01	7.843E+01	7.133E+01
SULFUR OXIDES	5.031E+01	4.689E+01	2.258E+02	8.309E+02
VOC-NONMETHANE	2.769E+02	1.064E+01	3.531E+02	1.369E+02

SUMMARY OF TOTALS FOR EACH PRINCIPAL POLLUTANTS AT HPTF FOR 1994

POLLUTANT	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR
CARBON MONOXIDE	3.060E+01	3.980E-01	3.710E-02	1.620E-01
NITROGEN OXIDES	1.000E+04	1.300E+00	1.220E-01	5.320E-01
PARTICULATE	7.480E+00	9.720E-02	9.060E-03	3.970E-02
SULFUR OXIDES	3.570E+00	4.640E-02	4.330E-03	1.890E-02
VOC-NONMETHANE	7.990E+00	1.040E-01	9.680E-03	4.240E-02

SUMMARY OF TOTALS FOR EACH PRINCIPAL POLLUTANTS AT NRF FOR 1994

POLLUTANT	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR
CARBON MONOXIDE	4.286E+01	3.011E+00	5.781E+01	4.263E+01
NITROGEN OXIDES	1.855E+02	2.348E+01	2.750E+02	3.823E+02
PARTICULATE	1.250E+01	1.642E+01	6.162E+01	2.525E+02
SULFUR OXIDES	1.381E+02	7.951E+01	3.518E+02	1.416E+03
VOC-NONMETHANE	5.899E+00	3.913E-01	7.690E+00	5.035E+00

SUMMARY OF TOTALS FOR EACH PRINCIPAL POLLUTANTS AT PER FOR 1994

POLLUTANT	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR
CARBON MONOXIDE	3.088E+00	1.436E-01	1.478E+01	1.432E+01
NITROGEN OXIDES	1.423E+01	5.937E-01	2.762E+01	6.510E+01
PARTICULATE	1.023E+00	5.522E-02	9.002E+00	6.005E+00
SULFUR OXIDES	3.353E+00	1.639E+00	7.144E+00	1.924E+01
VOC-NONMETHANE	7.093E-01	1.170E-02	1.046E+00	2.051E+00

SUMMARY OF TOTALS FOR EACH PRINCIPAL POLLUTANTS AT TAN FOR 1994

POLLUTANT	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR
CARBON MONOXIDE	2.028E+01	2.317E+00	3.579E+01	4.786E+01
NITROGEN OXIDES	8.955E+01	9.474E+00	1.801E+02	2.121E+02
PARTICULATE	8.061E+00	1.073E+00	1.819E+01	2.883E+01
SULFUR OXIDES	8.058E+01	2.889E+01	1.310E+02	3.646E+02
VOC-NONMETHANE	3.865E+01	2.128E+00	6.420E+01	4.955E+01

SUMMARY OF TOTALS FOR EACH PRINCIPAL POLLUTANTS AT TRA FOR 1994

POLLUTANT	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR
CARBON MONOXIDE	2.288E+01	2.344E+01	3.257E+01	6.876E+01
NITROGEN OXIDES	9.758E+01	8.995E+01	1.405E+02	2.718E+02
PARTICULATE	6.022E+00	6.992E+00	9.000E+00	2.467E+02
SULFUR OXIDES	1.038E+01	1.454E+01	1.418E+01	3.955E+01
VOC-NONMETHANE	2.782E+00	3.163E+00	3.378E+00	7.885E+00

SUMMARY OF TOTALS FOR EACH PRINCIPAL POLLUTANTS AT WMF FOR 1994

POLLUTANT	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR	HOURLY RATES LBS/HR	YEARLY RATES TNS/YR
CARBON MONOXIDE	2.016E-02	3.871E-02	2.574E-02	1.270E-01
NITROGEN OXIDES	9.976E-02	1.899E-01	1.260E-01	6.203E-01
PARTICULATE	4.928E-03	9.509E-03	6.298E-03	3.101E-02
SULFUR OXIDES	1.008E-03	1.942E-03	1.287E-03	6.330E-03
VOC-NONMETHANE	3.422E-01	9.157E-03	3.437E-01	3.317E-02

1994 EMISSIONS FOR THE INEL

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
CARBON MONOXIDE	3.6E+02	4.4E+02	1.1E+03	3.9E+03
NITROGEN OXIDES	1.1E+04	6.6E+02	2.7E+03	4.0E+03
PARTICULATE	9.7E+01	1.1E+02	2.5E+02	7.0E+02
SULFUR OXIDES	3.4E+02	2.2E+02	8.2E+02	3.0E+03
VOC-NONMETHANE	5.3E+02	2.7E+01	6.4E+02	3.0E+02

SUMMARY OF CARBON MONOXIDE EMISSIONS AT THE INEL 1994

AREA	ACTUAL TNS/YR	ACTUAL LBS/HR	MAX TNS/YR	MAX LBS/HR
ANL	2.766E+00	1.579E+01	8.022E+01	3.358E+01
B08	4.225E-03	3.250E-01	2.847E+00	6.500E-01
B16	1.700E-02	2.800E+00	4.650E+01	1.060E+01
B21	4.000E-03	3.000E-03	1.400E-02	3.000E-03
B27	4.225E-04	3.250E-01	2.847E+00	6.500E-01
CFA	8.197E-01	9.112E+00	3.653E+01	1.265E+01
CPP	4.029E+02	2.082E+02	3.552E+03	8.589E+02
HPTF	3.980E-01	3.060E+01	1.620E-01	3.710E-02
NRF	3.011E+00	4.286E+01	4.263E+01	5.781E+01
PER	1.436E-01	3.088E+00	1.432E+01	1.478E+01
TAN	2.317E+00	2.028E+01	4.786E+01	3.579E+01
TRA	2.344E+01	2.288E+01	6.876E+01	3.257E+01
WMF	3.871E-02	2.016E-02	1.270E-01	2.574E-02

SUMMARY OF NITROGEN OXIDES EMISSIONS AT THE INEL 1994

AREA	ACTUAL TNS/YR	ACTUAL LBS/HR	MAX TNS/YR	MAX LBS/HR
ANL	1.116E+01	6.993E+01	3.486E+02	1.505E+02
B08	1.963E-02	1.510E+00	1.323E+01	3.020E+00
B16	8.100E-03	1.300E+00	4.380E+01	1.000E+01
B27	1.963E-03	1.510E+00	1.323E+01	3.020E+00
CFA	3.366E+00	3.809E+01	1.659E+02	5.771E+01
CPP	5.181E+02	3.365E+02	2.513E+03	1.868E+03
HPTF	1.300E+00	1.000E+04	5.320E-01	1.220E-01
NRF	2.348E+01	1.855E+02	3.823E+02	2.750E+02
PER	5.937E-01	1.423E+01	6.510E+01	2.762E+01
TAN	9.474E+00	8.955E+01	2.121E+02	1.801E+02
TRA	8.995E+01	9.758E+01	2.718E+02	1.405E+02
WMF	1.899E-01	9.976E-02	6.203E-01	1.260E-01

SUMMARY OF PARTICULATE EMISSIONS AT THE INEL 1994

AREA	ACTUAL TNS/YR	ACTUAL LBS/HR	MAX TNS/YR	MAX LBS/HR
ANL	1.091E+00	4.864E+00	2.350E+01	1.226E+01
B08	1.381E-03	1.063E-01	9.308E-01	2.125E-01
B16	1.900E-03	3.100E-01	5.020E+00	1.150E+00
B21	3.190E-06	2.400E-06	1.100E-05	2.400E-06
B27	1.381E-04	1.063E-01	9.308E-01	2.125E-01
CFA	4.762E+01	4.598E+01	6.461E+01	5.514E+01
CPP	3.658E+01	1.075E+01	7.133E+01	7.843E+01
HPTF	9.720E-02	7.480E+00	3.970E-02	9.060E-03
NRF	1.642E+01	1.250E+01	2.525E+02	6.162E+01
PER	5.522E-02	1.023E+00	6.005E+00	9.002E+00
TAN	1.073E+00	8.061E+00	2.883E+01	1.819E+01
TRA	6.992E+00	6.022E+00	2.467E+02	9.000E+00
WMF	9.509E-03	4.928E-03	3.101E-02	6.298E-03

SUMMARY OF SULFUR OXIDES EMISSIONS AT THE INEL 1994

AREA	ACTUAL TNS/YR	ACTUAL LBS/HR	MAX TNS/YR	MAX LBS/HR
ANL	3.750E+01	4.382E+01	2.446E+02	6.050E+01
B08	1.290E-03	9.925E-02	8.694E-01	1.985E-01
B16	5.500E-03	1.000E+00	1.490E+01	3.400E+00
B27	1.290E-04	9.925E-02	8.694E-01	1.985E-01
CFA	1.075E+01	6.215E+00	9.205E+01	2.997E+01
CPP	4.689E+01	5.031E+01	8.309E+02	2.258E+02
HPTF	4.640E-02	3.570E+00	1.890E-02	4.330E-03
NRF	7.951E+01	1.381E+02	1.416E+03	3.518E+02
PER	1.639E+00	3.353E+00	1.924E+01	7.144E+00
TAN	2.889E+01	8.058E+01	3.646E+02	1.310E+02
TRA	1.454E+01	1.038E+01	3.955E+01	1.418E+01
WMF	1.942E-03	1.008E-03	6.330E-03	1.287E-03

SUMMARY OF VOC-NONMETHANE EMISSIONS AT THE INEL 1994

AREA	ACTUAL TNS/YR	ACTUAL LBS/HR	MAX TNS/YR	MAX LBS/HR
ANL	6.053E-01	5.454E+01	5.807E+00	6.486E+01
B08	1.611E-04	3.493E-01	1.080E-01	3.616E-01
B16	9.500E-01	4.080E-01	5.690E+00	1.358E+00
B21	5.800E-02	1.300E-02	2.910E-01	6.600E-02
B23	9.126E-07	3.370E-01	9.126E-07	3.370E-01
B27	1.694E-05	3.493E-01	1.080E-01	3.616E-01
CFA	9.232E+00	1.364E+02	8.414E+01	1.387E+02
CPP	1.064E+01	2.769E+02	1.369E+02	3.531E+02
HPTF	1.040E-01	7.990E+00	4.240E-02	9.680E-03
NRF	3.913E-01	5.899E+00	5.035E+00	7.690E+00
PER	1.170E-02	7.093E-01	2.051E+00	1.046E+00
TAN	2.128E+00	3.865E+01	4.955E+01	6.420E+01
TRA	3.163E+00	2.782E+00	7.885E+00	3.378E+00
WMF	9.157E-03	3.422E-01	3.317E-02	3.437E-01

EMISSION SUMMARY - 1994

EMISSION SUMMARY - 1994					C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE					
* ANL	701	009	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	6.5E-01	7.8E-03	9.9E+00	2.7E+01
	707	002		FUEL BURNING EQUIPMENT	N	2.6E+00	3.9E-02	3.0E+00	2.7E+00
	709	008		FUEL BURNING EQUIPMENT	N	9.7E-01	6.7E-03	1.8E+00	7.8E+00
		016		FUEL BURNING EQUIPMENT	N	1.1E+00	8.9E-03	2.2E+00	9.7E+00
*	720	017		FUEL BURNING EQUIPMENT	N	5.2E-01	1.3E-02	1.1E+00	3.0E+00
	752A	001		FUEL BURNING EQUIPMENT	N	2.2E+00	2.2E-02	3.3E+00	4.5E+00
*	754	003		FUEL BURNING EQUIPMENT	N	2.5E-01	7.2E-03	4.9E-01	2.2E+00
*	768	003		FUEL BURNING EQUIPMENT	N	2.3E+00	3.3E-02	4.7E+00	4.7E-01
		022		FUEL BURNING EQUIPMENT	N	6.5E-01	6.3E-01	8.5E-01	3.7E+00
		024		FUEL BURNING EQUIPMENT	N	6.5E-01	6.3E-01	8.5E-01	3.7E+00
		027		FUEL BURNING EQUIPMENT	N	6.7E-01	6.3E-01	8.4E-01	3.7E+00
		028		FUEL BURNING EQUIPMENT	N	1.2E+00	9.8E-03	1.2E+00	3.2E+00
		034		FUEL BURNING EQUIPMENT	N	7.5E-01	7.3E-01	9.4E-01	4.1E+00
*	774	001		FUEL BURNING EQUIPMENT	N	5.7E-01	7.4E-03	1.1E+00	3.1E+00
*	785	017		FUEL BURNING EQUIPMENT	N	6.9E-01	1.2E-02	1.4E+00	1.9E+00
SUM						1.6E+01	2.8E+00	3.4E+01	8.0E+01
* ANL	701	009	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	3.0E+00	3.6E-02	4.6E+01	1.2E+02
	707	002		FUEL BURNING EQUIPMENT	N	1.2E+01	1.8E-01	1.4E+01	1.2E+01
	709	008		FUEL BURNING EQUIPMENT	N	3.7E+00	2.6E-02	6.8E+00	3.0E+01
		016		FUEL BURNING EQUIPMENT	N	4.3E+00	3.4E-02	8.5E+00	3.7E+01
*	720	017		FUEL BURNING EQUIPMENT	N	2.4E+00	6.0E-02	5.1E+00	1.4E+01
	752A	001		FUEL BURNING EQUIPMENT	N	1.0E+01	1.0E-01	1.5E+01	2.1E+01
*	754	003		FUEL BURNING EQUIPMENT	N	1.1E+00	3.3E-02	2.3E+00	1.0E+01
*	768	003		FUEL BURNING EQUIPMENT	N	1.1E+01	1.5E-01	2.2E+01	2.2E+00
		022		FUEL BURNING EQUIPMENT	N	2.6E+00	2.5E+00	3.4E+00	1.5E+01
		024		FUEL BURNING EQUIPMENT	N	2.6E+00	2.5E+00	3.4E+00	1.5E+01
		027		FUEL BURNING EQUIPMENT	N	2.7E+00	2.5E+00	3.4E+00	1.5E+01
		028		FUEL BURNING EQUIPMENT	N	5.4E+00	4.5E-02	5.4E+00	1.5E+01
		034		FUEL BURNING EQUIPMENT	N	3.0E+00	2.9E+00	3.7E+00	1.6E+01
*	774	001		FUEL BURNING EQUIPMENT	N	2.7E+00	3.4E-02	5.3E+00	1.4E+01
*	785	017		FUEL BURNING EQUIPMENT	N	3.2E+00	5.7E-02	6.4E+00	8.6E+00
SUM						7.0E+01	1.1E+01	1.5E+02	3.5E+02
* ANL	701	009	PARTICULATE	FUEL BURNING EQUIPMENT	N	2.1E-01	2.6E-03	3.2E+00	8.7E+00
	707	002		FUEL BURNING EQUIPMENT	N	8.5E-01	1.3E-02	9.6E-01	8.7E-01
	709	008		FUEL BURNING EQUIPMENT	N	8.2E-02	5.6E-04	1.5E-01	6.6E-01
		016		FUEL BURNING EQUIPMENT	N	9.4E-02	7.5E-04	1.9E-01	8.2E-01
*	720	017		FUEL BURNING EQUIPMENT	N	1.7E-01	4.3E-03	3.6E-01	9.8E-01
	752A	001		FUEL BURNING EQUIPMENT	N	7.2E-01	7.1E-03	1.1E+00	1.5E+00
	753	029		CHEMICAL SOURCE	Y	4.4E-03	1.3E-04	2.0E+00	4.0E-01
*	754	003		FUEL BURNING EQUIPMENT	N	8.1E-02	2.3E-03	1.6E-01	7.1E-01
*	768	003		FUEL BURNING EQUIPMENT	N	7.7E-01	1.1E-02	1.5E+00	1.5E-01
		022		FUEL BURNING EQUIPMENT	N	2.6E-01	2.5E-01	3.4E-01	1.5E+00
		024		FUEL BURNING EQUIPMENT	N	2.6E-01	2.5E-01	3.4E-01	1.5E+00
		027		FUEL BURNING EQUIPMENT	N	2.7E-01	2.5E-01	3.4E-01	1.5E+00
		028		FUEL BURNING EQUIPMENT	N	3.8E-01	3.2E-03	3.8E-01	1.0E+00
		034		FUEL BURNING EQUIPMENT	N	3.0E-01	2.9E-01	3.7E-01	1.6E+00
*	774	001		FUEL BURNING EQUIPMENT	N	1.9E-01	2.4E-03	3.7E-01	1.0E+00

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* ANL	785	017	PARTICULATE	FUEL BURNING EQUIPMENT	N	2.3E-01	4.0E-03	4.5E-01	6.1E-01
SUM						4.9E+00	1.1E+00	1.2E+01	2.3E+01
* ANL	701	009	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	2.0E-01	2.4E-03	3.0E+00	8.1E+00
	707	002		FUEL BURNING EQUIPMENT	N	7.9E-01	1.2E-02	9.0E-01	8.1E-01
	709	008		FUEL BURNING EQUIPMENT	N	6.0E-01	4.2E-03	1.1E+00	4.8E+00
		016		FUEL BURNING EQUIPMENT	N	6.9E-01	5.5E-03	1.4E+00	6.1E+00
*	720	017		FUEL BURNING EQUIPMENT	N	1.6E-01	4.0E-03	3.4E-01	9.1E-01
	752A	001		FUEL BURNING EQUIPMENT	N	6.7E-01	6.6E-03	1.0E+00	1.4E+00
*	754	003		FUEL BURNING EQUIPMENT	N	7.5E-02	2.2E-03	1.5E-01	6.6E-01
*	768	003		FUEL BURNING EQUIPMENT	N	7.1E-01	9.9E-03	1.4E+00	1.4E-01
		022		FUEL BURNING EQUIPMENT	N	9.4E+00	9.0E+00	1.2E+01	5.4E+01
		024		FUEL BURNING EQUIPMENT	N	9.4E+00	9.0E+00	1.2E+01	5.4E+01
		027		FUEL BURNING EQUIPMENT	N	9.6E+00	9.0E+00	1.2E+01	5.3E+01
		028		FUEL BURNING EQUIPMENT	N	3.6E-01	3.0E-03	3.6E-01	9.6E-01
		034		FUEL BURNING EQUIPMENT	N	1.1E+01	1.0E+01	1.3E+01	5.9E+01
*	774	001		FUEL BURNING EQUIPMENT	N	1.7E-01	2.3E-03	3.5E-01	9.3E-01
*	785	017		FUEL BURNING EQUIPMENT	N	2.1E-01	3.8E-03	4.2E-01	5.7E-01
SUM						4.4E+01	3.7E+01	6.1E+01	2.4E+02
* ANL	701	009	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	N	2.5E-02	3.0E-04	3.7E-01	1.0E+00
*		012		STORAGE TANK - VOC	N	0.0E+00	0.0E+00	0.0E+00	0.0E+00
	704	008		CHEMICAL SOURCE	Y	5.7E-03	2.5E-02	5.7E-03	2.5E-02
*	707	001		STORAGE TANK - VOC	N	3.4E-02	8.4E-06	3.4E-02	8.4E-06
		002		FUEL BURNING EQUIPMENT	N	9.9E-02	1.5E-03	1.1E-01	1.0E-01
*	709	001		STORAGE TANK - VOC	N	1.7E-01	1.7E-05	1.7E-01	1.7E-05
		008		FUEL BURNING EQUIPMENT	N	1.2E-01	8.2E-04	2.2E-01	9.6E-01
*		009		STORAGE TANK - VOC	N	1.7E-01	1.7E-05	1.7E-01	1.7E-05
		016		FUEL BURNING EQUIPMENT	N	1.4E-01	1.1E-03	2.7E-01	1.2E+00
*	720	017		FUEL BURNING EQUIPMENT	N	2.0E-02	4.9E-04	4.2E-02	1.1E-01
*		025		STORAGE TANK - VOC	N	5.8E-02	8.0E-07	5.8E-02	8.0E-07
*	721	003		STORAGE TANK - VOC	N	0.0E+00	5.8E-06	0.0E+00	5.8E-06
*	742	002		STORAGE TANK - VOC	N	3.2E+01	1.2E-02	3.2E+01	1.2E-02
*		005		STORAGE TANK - VOC	N	5.8E-02	1.9E-05	5.8E-02	1.9E-05
*		006		STORAGE TANK - VOC	N	2.0E+01	2.5E-02	2.0E+01	2.5E-02
	752	004		CHEMICAL SOURCE	Y	1.4E-02	6.3E-02	1.4E-02	6.3E-02
		005		CHEMICAL SOURCE	Y	1.4E-02	6.3E-02	1.4E-02	6.3E-02
	752A	001		FUEL BURNING EQUIPMENT	N	8.4E-02	8.3E-04	1.3E-01	1.7E-01
*		005		STORAGE TANK - VOC	N	5.8E-02	1.6E-06	5.8E-02	1.6E-06
	753	029		CHEMICAL SOURCE	Y	1.3E-02	5.7E-02	9.5E+00	8.0E-01
*	754	001		STORAGE TANK - VOC	N	1.7E-01	8.4E-07	1.7E-01	8.4E-07
*		003		FUEL BURNING EQUIPMENT	N	9.4E-03	2.7E-04	1.9E-02	8.2E-02
*	755A	001		STORAGE TANK - VOC	N	1.3E-01	5.0E-02	1.3E-01	5.0E-02
*	755B	002		STORAGE TANK - VOC	N	1.2E-01	2.2E-02	1.2E-01	2.2E-02
*	768	003		FUEL BURNING EQUIPMENT	N	8.9E-02	1.2E-03	1.8E-01	1.8E-02
*		004		STORAGE TANK - VOC	N	5.8E-02	9.7E-06	5.8E-02	9.7E-06
*		005		STORAGE TANK - VOC	N	2.7E-02	2.3E-03	2.7E-02	2.3E-03
		022		FUEL BURNING EQUIPMENT	N	2.6E-02	2.5E-02	3.4E-02	1.5E-01
		024		FUEL BURNING EQUIPMENT	N	2.6E-02	2.5E-02	3.4E-02	1.5E-01

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
ANL	768	027	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	N	2.7E-02	2.5E-02	3.4E-02	1.5E-01
		028		FUEL BURNING EQUIPMENT	N	4.4E-02	3.7E-04	4.4E-02	1.2E-01
		034		FUEL BURNING EQUIPMENT	N	3.0E-02	2.9E-02	3.7E-02	1.6E-01
*	774	001		FUEL BURNING EQUIPMENT	N	2.2E-02	2.8E-04	4.3E-02	1.2E-01
*		003		STORAGE TANK - VOC	N	5.8E-02	9.7E-07	5.8E-02	9.7E-07
*	785	017		FUEL BURNING EQUIPMENT	N	2.6E-02	4.7E-04	5.2E-02	7.1E-02
		018		CHEMICAL SOURCE	Y	1.0E-02	4.5E-02	1.0E-02	4.5E-02
	787	001		CHEMICAL SOURCE	Y	1.4E-02	6.3E-02	1.4E-02	6.3E-02
	793	001		CHEMICAL SOURCE	Y	4.1E-03	1.8E-02	4.1E-03	1.8E-02
		012		STORAGE TANK - VOC	Y	6.7E-03	2.7E-02	6.7E-03	2.7E-02
		014		STORAGE TANK - VOC	Y	1.0E-03	4.5E-03	1.0E-03	4.5E-03
	793A	025		STORAGE TANK - VOC	Y	6.8E-04	3.0E-03	6.8E-04	3.0E-03
		027		STORAGE TANK - VOC	Y	1.0E-03	4.5E-03	1.0E-03	4.5E-03
		029		STORAGE TANK - VOC	Y	5.7E-04	2.5E-03	5.7E-04	2.5E-03
		031		STORAGE TANK - VOC	Y	4.5E-04	2.0E-03	4.5E-04	2.0E-03
		033		STORAGE TANK - VOC	Y	1.0E-03	4.5E-03	1.0E-03	4.5E-03
		035		STORAGE TANK - VOC	Y	2.3E-04	1.0E-03	2.3E-04	1.0E-03
SUM						5.5E+01	6.1E-01	6.5E+01	5.8E+00

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* B08	601	003	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	3.3E-01	4.2E-03	6.5E-01	2.8E+00
			SUM			3.3E-01	4.2E-03	6.5E-01	2.8E+00
* B08	601	003	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	1.5E+00	2.0E-02	3.0E+00	1.3E+01
			SUM			1.5E+00	2.0E-02	3.0E+00	1.3E+01
* B08	601	003	PARTICULATE	FUEL BURNING EQUIPMENT	N	1.1E-01	1.4E-03	2.1E-01	9.3E-01
			SUM			1.1E-01	1.4E-03	2.1E-01	9.3E-01
* B08	601	003	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	9.9E-02	1.3E-03	2.0E-01	8.7E-01
			SUM			9.9E-02	1.3E-03	2.0E-01	8.7E-01
* B08	601	001	VOC-NONMETHANE	STORAGE TANK - VOC	N	3.4E-01	9.1E-07	3.4E-01	9.1E-07
*		003		FUEL BURNING EQUIPMENT	N	1.2E-02	1.6E-04	2.5E-02	1.1E-01
			SUM			3.5E-01	1.6E-04	3.6E-01	1.1E-01

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* B16	708	001	CARBON MONOXIDE	CHEMICAL SOURCE	Y	2.8E+00	1.7E-02	1.1E+01	4.7E+01
			SUM			2.8E+00	1.7E-02	1.1E+01	4.7E+01
* B16	708	001	NITROGEN OXIDES	CHEMICAL SOURCE	Y	1.3E+00	8.1E-03	1.0E+01	4.4E+01
			SUM			1.3E+00	8.1E-03	1.0E+01	4.4E+01
* B16	708	001	PARTICULATE	CHEMICAL SOURCE	Y	3.1E-01	1.9E-03	1.2E+00	5.0E+00
			SUM			3.1E-01	1.9E-03	1.2E+00	5.0E+00
* B16	708	001	SULFUR OXIDES	CHEMICAL SOURCE	Y	1.0E+00	5.5E-03	3.4E+00	1.5E+01
			SUM			1.0E+00	5.5E-03	3.4E+00	1.5E+01
* B16	601	008	VOC-NONMETHANE	STORAGE TANK - VOC	N	5.8E-02	2.7E-06	5.8E-02	2.7E-06
*	703	001		STORAGE TANK - VOC	N	0.0E+00	0.0E+00	0.0E+00	0.0E+00
	704	001		STORAGE TANK - VOC	N	0.0E+00	0.0E+00	0.0E+00	0.0E+00
		002		STORAGE TANK - VOC	N	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	708	001		CHEMICAL SOURCE	Y	3.5E-01	9.5E-01	1.3E+00	5.7E+00
			SUM			4.1E-01	9.5E-01	1.4E+00	5.7E+00

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* B21	608	012	CARBON MONOXIDE	CHEMICAL SOURCE	Y	3.0E-03	4.0E-03	3.0E-03	1.4E-02
			SUM			3.0E-03	4.0E-03	3.0E-03	1.4E-02
* B21	608	012	PARTICULATE	CHEMICAL SOURCE	Y	2.4E-06	3.2E-06	2.4E-06	1.1E-05
			SUM			2.4E-06	3.2E-06	2.4E-06	1.1E-05
* B21	608	008	VOC-NONMETHANE	CHEMICAL SOURCE	Y	1.3E-02	5.8E-02	6.6E-02	2.9E-01
			SUM			1.3E-02	5.8E-02	6.6E-02	2.9E-01

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* B23	602	002	VOC-NONMETHANE	STORAGE TANK - VOC	N	3.4E-01	9.1E-07	3.4E-01	9.1E-07
SUM						3.4E-01	9.1E-07	3.4E-01	9.1E-07

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* B27	601	001	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	3.3E-01	4.2E-04	6.5E-01	2.8E+00
			SUM			3.3E-01	4.2E-04	6.5E-01	2.8E+00
* B27	601	001	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	1.5E+00	2.0E-03	3.0E+00	1.3E+01
			SUM			1.5E+00	2.0E-03	3.0E+00	1.3E+01
* B27	601	001	PARTICULATE	FUEL BURNING EQUIPMENT	N	1.1E-01	1.4E-04	2.1E-01	9.3E-01
			SUM			1.1E-01	1.4E-04	2.1E-01	9.3E-01
* B27	601	001	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	9.9E-02	1.3E-04	2.0E-01	8.7E-01
			SUM			9.9E-02	1.3E-04	2.0E-01	8.7E-01
* B27	601	001	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	N	1.2E-02	1.6E-05	2.5E-02	1.1E-01
*		003		STORAGE TANK - VOC	N	3.4E-01	9.1E-07	3.4E-01	9.1E-07
			SUM			3.5E-01	1.7E-05	3.6E-01	1.1E-01

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* CFA	1603	001	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	1.4E+00	1.8E-02	1.4E+00	3.7E+00
*	604	001		FUEL BURNING EQUIPMENT	N	2.6E-01	3.9E-03	1.3E+00	5.7E+00
	607	004		FUEL BURNING EQUIPMENT	Y	4.5E-04	1.5E-03	7.2E-03	2.5E-02
	608	001		FUEL BURNING EQUIPMENT	N	5.7E-03	3.2E-02	5.4E-02	2.3E-01
*	609	001		FUEL BURNING EQUIPMENT	N	7.3E-01	5.8E-03	2.0E+00	5.3E+00
		005		FUEL BURNING EQUIPMENT	Y	9.7E-03	3.2E-02	7.5E-02	6.3E-02
	613	003		FUEL BURNING EQUIPMENT	Y	1.3E-03	4.2E-03	1.3E-02	4.4E-02
	650	007		FUEL BURNING EQUIPMENT	Y	6.9E-03	2.3E-02	1.5E-01	4.8E-01
	662	011		FUEL BURNING EQUIPMENT	Y	1.7E-02	5.4E-02	7.3E-02	2.4E-01
		027		FUEL BURNING EQUIPMENT	Y	2.4E-02	7.8E-02	1.7E-01	5.5E-01
*	664	034		FUEL BURNING EQUIPMENT	Y	4.8E-03	1.8E-04	4.8E-03	2.1E-02
*		035		FUEL BURNING EQUIPMENT	Y	4.8E-03	1.9E-04	4.8E-03	2.1E-02
	665	029		FUEL BURNING EQUIPMENT	Y	5.8E-02	1.8E-01	3.5E-01	1.1E+00
*	668	006		FUEL BURNING EQUIPMENT	N	1.5E+00	3.8E-02	2.9E+00	3.9E+00
		023		FUEL BURNING EQUIPMENT	Y	6.5E-03	2.1E-02	1.3E-02	4.2E-02
	671	007		FUEL BURNING EQUIPMENT	Y	5.6E-02	9.1E-02	1.9E-01	6.2E-01
		008		FUEL BURNING EQUIPMENT	Y	5.6E-02	9.1E-02	1.9E-01	6.2E-01
*	675	002		FUEL BURNING EQUIPMENT	N	9.8E-01	3.9E-03	1.3E+00	3.4E+00
*	679	007		FUEL BURNING EQUIPMENT	Y	3.1E+00	4.0E-04	3.7E-02	1.6E-01
	688	043		FUEL BURNING EQUIPMENT	Y	2.2E-02	6.8E-02	4.1E-01	1.3E+00
		044		FUEL BURNING EQUIPMENT	N	2.2E-02	6.8E-02	1.8E-01	5.4E-01
*		047		FUEL BURNING EQUIPMENT	N	9.8E-01	5.8E-03	2.0E+00	8.5E+00
SUM						9.1E+00	8.2E-01	1.3E+01	3.7E+01
* CFA	104	001	NITROGEN OXIDES		Y	1.1E-01	2.6E-02	1.1E-01	2.6E-02
*	1603	001		FUEL BURNING EQUIPMENT	N	6.3E+00	8.2E-02	6.3E+00	1.7E+01
*	604	001		FUEL BURNING EQUIPMENT	N	1.2E+00	1.8E-02	6.0E+00	2.6E+01
	607	004		FUEL BURNING EQUIPMENT	Y	1.6E-03	5.3E-03	2.6E-02	9.0E-02
	608	001		FUEL BURNING EQUIPMENT	N	2.3E-02	1.3E-01	2.1E-01	9.4E-01
*	609	001		FUEL BURNING EQUIPMENT	N	3.4E+00	2.7E-02	9.1E+00	2.4E+01
		005		FUEL BURNING EQUIPMENT	Y	3.9E-02	1.3E-01	3.0E-01	2.5E-01
	613	003		FUEL BURNING EQUIPMENT	Y	4.6E-03	1.5E-02	4.8E-02	1.6E-01
*	625	009		CHEMICAL SOURCE	Y	2.1E-02	2.2E-02	6.3E-02	6.5E-02
	650	007		FUEL BURNING EQUIPMENT	Y	2.8E-02	9.1E-02	5.8E-01	1.9E+00
	662	011		FUEL BURNING EQUIPMENT	Y	6.6E-02	2.2E-01	2.9E-01	9.5E-01
		027		FUEL BURNING EQUIPMENT	Y	9.6E-02	3.1E-01	6.7E-01	2.2E+00
*	664	034		FUEL BURNING EQUIPMENT	Y	3.5E-02	1.4E-03	3.5E-02	1.5E-01
*		035		FUEL BURNING EQUIPMENT	Y	3.5E-02	1.4E-03	3.5E-02	1.5E-01
	665	029		FUEL BURNING EQUIPMENT	Y	2.3E-01	7.2E-01	1.4E+00	4.3E+00
*	668	006		FUEL BURNING EQUIPMENT	N	6.8E+00	1.8E-01	1.4E+01	1.8E+01
		023		FUEL BURNING EQUIPMENT	Y	2.4E-02	7.7E-02	4.6E-02	1.5E-01
	671	007		FUEL BURNING EQUIPMENT	Y	2.2E-01	3.6E-01	7.6E-01	2.5E+00
		008		FUEL BURNING EQUIPMENT	Y	2.2E-01	3.6E-01	7.6E-01	2.5E+00
*	675	002		FUEL BURNING EQUIPMENT	N	4.5E+00	1.8E-02	5.9E+00	1.6E+01
*	679	007		FUEL BURNING EQUIPMENT	Y	1.0E+01	1.3E-03	1.2E-01	5.3E-01
	688	043		FUEL BURNING EQUIPMENT	Y	8.7E-02	2.7E-01	1.6E+00	5.0E+00
		044		FUEL BURNING EQUIPMENT	N	8.7E-02	2.7E-01	7.0E-01	2.2E+00
*		047		FUEL BURNING EQUIPMENT	N	4.5E+00	2.7E-02	9.1E+00	4.0E+01

* Not Significant Source

EMISSION SUMMARY - 1994

EMISSION SUMMARY - 1994					C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR	
AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE						
SUM						3.8E+01	3.4E+00	5.8E+01	1.7E+02	
* CFA	100	001	PARTICULATE	CHEMICAL SOURCE	Y	4.1E+00	4.4E+00	4.0E+00	4.4E+00	
*	101	001		CHEMICAL SOURCE	Y	1.3E-01	5.5E-01	2.8E+00	6.3E-01	
*	104	001			Y	3.7E+01	4.0E+01	3.7E+01	4.0E+01	
*	1603	001		FUEL BURNING EQUIPMENT	N	4.4E-01	5.7E-03	4.4E-01	1.2E+00	
*	602	016		CHEMICAL SOURCE	Y	2.3E-04	9.9E-04	2.3E-04	2.9E-02	
*	604	001		FUEL BURNING EQUIPMENT	N	8.5E-02	1.3E-03	4.3E-01	1.9E+00	
	607	004		FUEL BURNING EQUIPMENT	Y	2.2E-04	7.3E-04	3.6E-03	1.3E-02	
	608	001		FUEL BURNING EQUIPMENT	N	2.3E-03	1.3E-02	2.1E-02	9.4E-02	
*	609	001		FUEL BURNING EQUIPMENT	N	2.4E-01	1.9E-03	6.4E-01	1.7E+00	
		005		FUEL BURNING EQUIPMENT	Y	3.9E-03	1.3E-02	3.0E-02	2.5E-02	
	613	003		FUEL BURNING EQUIPMENT	Y	6.4E-04	2.1E-03	6.7E-03	2.2E-02	
*	622	009		CHEMICAL SOURCE	Y	1.4E-03	1.5E-03	1.6E-02	1.6E-02	
*		015		CHEMICAL SOURCE	Y	1.4E-03	1.0E-03	1.6E-02	1.6E-02	
*		019		CHEMICAL SOURCE	Y	1.4E-03	1.5E-03	1.6E-02	1.6E-02	
*		020		CHEMICAL SOURCE	Y	1.4E-01	1.5E-03	1.6E-02	1.6E-02	
*		021		CHEMICAL SOURCE	Y	1.4E-03	1.5E-03	1.6E-02	1.6E-02	
	623	007		CHEMICAL SOURCE	Y	2.6E+00	2.7E+00	7.0E+00	7.3E+00	
*		017		CHEMICAL SOURCE	Y	8.0E-02	4.0E-02	9.0E-02	1.0E-01	
	650	007		FUEL BURNING EQUIPMENT	Y	2.8E-03	9.1E-03	5.8E-02	1.9E-01	
	662	011		FUEL BURNING EQUIPMENT	Y	6.6E-03	2.2E-02	2.9E-02	9.5E-02	
		027		FUEL BURNING EQUIPMENT	Y	9.6E-03	3.1E-02	6.7E-02	2.2E-01	
*	664	034		FUEL BURNING EQUIPMENT	Y	1.0E-03	4.0E-05	1.0E-03	4.4E-03	
*		035		FUEL BURNING EQUIPMENT	Y	1.0E-03	4.0E-05	1.0E-03	4.4E-03	
	665	029		FUEL BURNING EQUIPMENT	Y	2.3E-02	7.2E-02	1.4E-01	4.3E-01	
		050		CHEMICAL SOURCE	Y	8.5E-02	6.6E-02	1.3E-01	1.3E-01	
*	668	006		FUEL BURNING EQUIPMENT	N	4.8E-01	1.2E-02	9.6E-01	1.3E+00	
		023		FUEL BURNING EQUIPMENT	Y	3.3E-03	1.1E-02	6.4E-03	2.1E-02	
	671	007		FUEL BURNING EQUIPMENT	Y	2.2E-02	3.6E-02	7.6E-02	2.5E-01	
		008		FUEL BURNING EQUIPMENT	Y	2.2E-02	3.6E-02	7.6E-02	2.5E-01	
*	675	002		FUEL BURNING EQUIPMENT	N	3.2E-01	1.3E-03	4.2E-01	1.1E+00	
*	679	007		FUEL BURNING EQUIPMENT	Y	7.5E-03	9.7E-05	9.1E-03	4.0E-02	
	688	002		CHEMICAL SOURCE	Y	1.0E-03	2.6E-04	1.0E-03	2.6E-04	
		043		FUEL BURNING EQUIPMENT	Y	8.7E-03	2.7E-02	1.6E-01	5.0E-01	
		044		FUEL BURNING EQUIPMENT	N	8.7E-03	2.7E-02	7.0E-02	2.2E-01	
*		047		FUEL BURNING EQUIPMENT	N	3.2E-01	1.9E-03	6.4E-01	2.8E+00	
	690	048		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	2.2E-02	9.6E-02	
SUM						4.6E+01	4.8E+01	5.5E+01	6.5E+01	
* CFA	104	001		SULFUR OXIDES		Y	5.8E-03	1.3E-03	5.8E-03	1.3E-03
*	1603	001			FUEL BURNING EQUIPMENT	N	4.1E-01	5.4E-03	4.1E-01	1.1E+00
*	604	001			FUEL BURNING EQUIPMENT	N	7.9E-02	1.2E-03	4.0E-01	1.7E+00
	607	004	FUEL BURNING EQUIPMENT		Y	6.4E-03	2.1E-02	1.0E-01	3.6E-01	
	608	001	FUEL BURNING EQUIPMENT		N	8.2E-02	4.6E-01	7.7E-01	3.4E+00	
*	609	001	FUEL BURNING EQUIPMENT		N	2.2E-01	1.8E-03	6.0E-01	1.6E+00	
		005	FUEL BURNING EQUIPMENT		Y	1.4E-01	4.6E-01	1.1E+00	9.0E-01	
	613	003	FUEL BURNING EQUIPMENT		Y	1.9E-02	6.1E-02	1.9E-01	6.4E-01	
	650	007	FUEL BURNING EQUIPMENT		Y	1.0E-01	3.3E-01	2.1E+00	6.8E+00	

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
CFA	662	011	SULFUR OXIDES	FUEL BURNING EQUIPMENT	Y	2.4E-01	7.8E-01	1.0E+00	3.4E+00
		027		FUEL BURNING EQUIPMENT	Y	3.4E-01	1.1E+00	2.4E+00	7.9E+00
*	664	034		FUEL BURNING EQUIPMENT	Y	2.5E-03	1.0E-04	2.5E-03	1.1E-02
*		035		FUEL BURNING EQUIPMENT	Y	2.5E-03	1.0E-04	2.5E-03	1.1E-02
	665	029		FUEL BURNING EQUIPMENT	Y	8.4E-01	2.6E+00	5.0E+00	1.5E+01
*	668	006		FUEL BURNING EQUIPMENT	N	4.5E-01	1.2E-02	8.9E-01	1.2E+00
		023		FUEL BURNING EQUIPMENT	Y	9.4E-02	3.1E-01	1.8E-01	6.0E-11
	671	007		FUEL BURNING EQUIPMENT	Y	8.0E-01	1.3E+00	2.7E+00	9.0E+00
		008		FUEL BURNING EQUIPMENT	Y	8.0E-01	1.3E+00	2.7E+00	9.0E+00
*	675	002		FUEL BURNING EQUIPMENT	N	3.0E-01	1.2E-03	3.9E-01	1.1E+00
*	679	007		FUEL BURNING EQUIPMENT	Y	3.6E-01	4.6E-05	4.3E-03	1.9E-02
	688	043		FUEL BURNING EQUIPMENT	Y	3.1E-01	9.8E-01	5.8E+00	1.8E+01
		044		FUEL BURNING EQUIPMENT	N	3.1E-01	9.8E-01	2.5E+00	7.8E+00
*		047		FUEL BURNING EQUIPMENT	N	3.0E-01	1.8E-03	6.0E-01	2.6E+00
SUM						6.2E+00	1.1E+01	3.0E+01	9.2E+01
* CFA	101	001	VOC-NONMETHANE	CHEMICAL SOURCE	Y	4.7E-01	2.1E+00	4.7E-01	2.1E+00
*	102	001		CHEMICAL SOURCE	Y	3.1E-01	1.4E+00	3.1E-01	1.4E+00
*	103	001		CHEMICAL SOURCE	Y	1.9E-01	8.4E-01	1.9E-01	8.4E-01
*	104	001			Y	1.4E-01	3.3E-02	1.4E-01	3.3E-02
*	1603	001		FUEL BURNING EQUIPMENT	N	5.1E-02	6.7E-04	5.1E-02	1.4E-01
*	604	001		FUEL BURNING EQUIPMENT	N	9.9E-03	1.5E-04	4.9E-02	2.2E-01
	607	004		FUEL BURNING EQUIPMENT	Y	6.3E-05	2.1E-04	1.0E-03	3.6E-03
	608	001		FUEL BURNING EQUIPMENT	N	3.9E-04	2.2E-03	3.6E-03	1.6E-02
*	609	001		FUEL BURNING EQUIPMENT	N	2.8E-02	2.2E-04	7.4E-02	2.0E-01
*		002		STORAGE TANK - VOC	N	0.0E+00	0.0E+00	0.0E+00	0.0E+00
		005		FUEL BURNING EQUIPMENT	Y	6.6E-04	2.2E-03	5.1E-03	4.3E-03
*		017		CHEMICAL SOURCE	Y	5.0E-03	2.5E-06	1.3E-02	5.8E-02
*	612	010		CHEMICAL SOURCE	Y	6.7E-03	2.8E-03	1.8E-02	1.9E-02
	613	003		FUEL BURNING EQUIPMENT	Y	1.8E-04	6.0E-04	1.9E-03	6.3E-03
*	623	005		CHEMICAL SOURCE	Y	8.0E-02	3.5E-01	2.9E-01	1.3E+00
*		017		CHEMICAL SOURCE	Y	5.4E-01	2.4E+00	1.7E+00	7.4E+01
*	625	009		CHEMICAL SOURCE	Y	1.1E-01	1.1E-01	3.1E-01	3.2E-01
		010		CHEMICAL SOURCE	Y	5.8E-02	6.0E-02	1.8E-01	1.8E-01
	650	007		FUEL BURNING EQUIPMENT	Y	4.7E-04	1.5E-03	9.9E-03	3.2E-02
	662	011		FUEL BURNING EQUIPMENT	Y	1.1E-03	3.7E-03	4.9E-03	1.6E-02
		027		FUEL BURNING EQUIPMENT	Y	1.6E-03	5.3E-03	1.1E-02	3.7E-02
*	664	034		FUEL BURNING EQUIPMENT	Y	1.3E-03	5.0E-05	1.3E-03	5.5E-03
*		035		FUEL BURNING EQUIPMENT	Y	1.3E-03	5.0E-05	1.3E-03	5.5E-03
	665	029		FUEL BURNING EQUIPMENT	Y	2.3E-03	7.2E-03	1.4E-02	4.3E-02
*		050		CHEMICAL SOURCE	Y	5.7E-01	4.4E-01	8.5E-01	8.8E-01
*	668	006		FUEL BURNING EQUIPMENT	N	5.5E-02	1.4E-03	1.1E-01	1.5E-01
		023		FUEL BURNING EQUIPMENT	Y	9.3E-04	3.0E-03	1.8E-03	6.0E-03
	671	007		FUEL BURNING EQUIPMENT	Y	3.8E-03	6.2E-03	1.3E-02	4.2E-02
		008		FUEL BURNING EQUIPMENT	Y	3.8E-03	6.2E-03	1.3E-02	4.2E-02
*	675	002		FUEL BURNING EQUIPMENT	N	3.7E-02	1.5E-04	4.8E-02	1.3E-01
*	679	007		FUEL BURNING EQUIPMENT	Y	8.0E-03	1.0E-04	9.7E-03	4.2E-02
*	688	003		STORAGE TANK - VOC	N	5.8E-02	1.1E-05	5.8E-02	1.1E-05
		043		FUEL BURNING EQUIPMENT	Y	8.7E-04	2.7E-03	1.6E-02	5.0E-02
		044		FUEL BURNING EQUIPMENT	N	1.5E-03	4.6E-03	1.2E-02	3.7E-02

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* CFA	688	047	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	N	3.7E-02	2.2E-04	7.4E-02	3.2E-01
	690	015		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	9.6E-04	1.0E-03
*	698	007		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	708	001		STORAGE TANK - VOC	N	1.2E-01	1.1E-02	1.2E-01	1.1E-02
*	713	001		STORAGE TANK - VOC	N	3.2E+01	9.3E-02	3.2E+01	9.3E-02
*		002		STORAGE TANK - VOC	N	3.2E+01	9.3E-02	3.2E+01	9.3E-02
*	721	001		STORAGE TANK - VOC	N	5.8E-02	2.6E-04	5.8E-02	2.6E-04
*	729	001		STORAGE TANK - VOC	N	5.8E-02	4.1E-05	5.8E-02	4.1E-05
*	730	001		STORAGE TANK - VOC	N	5.8E-02	8.4E-06	5.8E-02	8.4E-06
*	731	001		STORAGE TANK - VOC	N	9.2E+00	7.6E-02	9.2E+00	7.6E-02
*	732	001		STORAGE TANK - VOC	N	5.8E-02	1.2E-04	5.8E-02	1.2E-04
*	734	001		STORAGE TANK - VOC	N	5.8E-02	3.0E-06	5.8E-02	3.0E-06
*	735	001		STORAGE TANK - VOC	N	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	738	001		STORAGE TANK - VOC	N	5.8E-02	2.5E-05	5.8E-02	2.5E-05
*	739	001		STORAGE TANK - VOC	N	5.8E-02	2.5E-05	5.8E-02	2.5E-05
*	741	001		STORAGE TANK - VOC	N	5.8E-02	8.4E-04	5.8E-02	8.4E-04
*		002		STORAGE TANK - VOC	N	5.8E-02	8.4E-04	5.8E-02	8.4E-04
*	749	001		STORAGE TANK - VOC	Y	3.4E-01	3.2E-04	3.4E-01	6.5E-04
*	754	001		STORAGE TANK - VOC	N	5.6E-02	1.6E-02	5.6E-02	1.6E-02
*		002		STORAGE TANK - VOC	N	5.5E-02	1.2E-02	5.5E-02	1.2E-02
*		003		STORAGE TANK - VOC	N	2.9E+01	8.6E-01	2.9E+01	8.6E-01
*		004		STORAGE TANK - VOC	N	5.3E-02	2.2E-03	5.3E-02	2.2E-03
*		005		STORAGE TANK - VOC	N	5.3E-02	2.2E-03	5.3E-02	2.2E-03
*		006		STORAGE TANK - VOC	N	5.8E-02	2.7E-02	5.8E-02	2.7E-02
*		007		STORAGE TANK - VOC	N	2.9E+01	3.5E-01	2.9E+01	3.5E-01
*	757	001		STORAGE TANK - VOC	N	5.8E-02	3.5E-04	5.8E-02	3.5E-04
*	759	001		STORAGE TANK - VOC	N	5.8E-02	3.6E-04	5.8E-02	3.6E-04
SUM						1.4E+02	9.2E+00	1.4E+02	8.4E+01

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* CPP	1642	007	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	2.6E+00	3.4E-02	2.9E+00	3.9E+00
*	1643	007		FUEL BURNING EQUIPMENT	N	2.6E+00	3.4E-02	2.9E+00	3.9E+00
*	1749	004		FUEL BURNING EQUIPMENT	N	3.9E-01	2.3E-03	5.9E-01	2.6E+00
*	603	008		FUEL BURNING EQUIPMENT	Y	2.2E-02	2.0E-04	3.4E-01	9.1E-02
	606	004		FUEL BURNING EQUIPMENT	N	1.1E+00	1.7E+00	1.8E+00	7.9E+00
		005		FUEL BURNING EQUIPMENT	N	7.8E-01	7.8E-01	2.0E+00	8.8E+00
		019		FUEL BURNING EQUIPMENT	N	4.6E-01	3.7E-01	2.0E+00	8.8E+00
*	614	002		FUEL BURNING EQUIPMENT	N	1.8E+00	2.9E-02	2.1E+00	2.8E+00
*	616	004		FUEL BURNING EQUIPMENT	N	2.0E+00	3.0E-02	2.8E+00	3.8E+00
*	637	021		CHEMICAL SOURCE	Y	4.6E-05	4.7E-05	4.6E-05	4.7E-05
		032		CHEMICAL SOURCE	Y	2.0E+00	4.5E-02	2.0E+00	1.0E+00
*	644	002		FUEL BURNING EQUIPMENT	N	5.6E+00	2.9E-01	1.1E+01	1.1E+00
*		005		FUEL BURNING EQUIPMENT	N	1.4E+01	7.2E-02	2.7E+01	1.2E+02
*	654	007		FUEL BURNING EQUIPMENT	Y	1.3E-03	3.3E-03	1.5E-03	5.7E-03
*		008		FUEL BURNING EQUIPMENT	Y	1.3E-03	3.3E-03	1.5E-03	5.7E-03
*		009		FUEL BURNING EQUIPMENT	Y	1.3E-03	3.3E-03	1.5E-03	5.7E-03
*		010		FUEL BURNING EQUIPMENT	Y	1.3E-03	3.3E-03	1.5E-03	5.7E-03
*		011		FUEL BURNING EQUIPMENT	Y	1.3E-04	3.3E-03	1.5E-01	5.7E+01
*		012		FUEL BURNING EQUIPMENT	Y	1.3E-03	3.3E-03	1.5E-03	5.7E-03
*	655	018		FUEL BURNING EQUIPMENT	Y	4.6E-05	4.7E-05	1.5E-01	6.6E-03
*		019		FUEL BURNING EQUIPMENT	Y	4.9E-03	1.2E-02	5.1E-03	2.2E-02
*		026		FUEL BURNING EQUIPMENT	Y	3.9E-03	9.8E-03	4.0E-03	1.8E-02
*		028		FUEL BURNING EQUIPMENT	Y	3.9E-03	9.8E-03	4.0E-03	1.8E-02
*		030		FUEL BURNING EQUIPMENT	Y	4.9E-03	1.2E-02	4.9E-03	2.1E-02
*		031		FUEL BURNING EQUIPMENT	Y	4.9E-03	1.2E-02	4.9E-03	2.1E-02
*	659	006		FUEL BURNING EQUIPMENT	N	6.5E+00	5.9E-02	1.5E+02	1.5E+01
*		007		FUEL BURNING EQUIPMENT	N	1.6E+00	2.3E-02	3.6E+02	1.6E+03
*		008		FUEL BURNING EQUIPMENT	N	5.6E+00	5.0E-02	1.2E+02	1.2E+01
*	679	002		FUEL BURNING EQUIPMENT	Y	2.9E-03	7.3E-03	3.8E-02	1.7E-02
*		003		FUEL BURNING EQUIPMENT	Y	2.9E-03	7.3E-03	3.8E-03	1.7E-02
*	687	026		FUEL BURNING EQUIPMENT	N	5.6E+00	2.9E-01	1.1E+01	1.1E+00
*		049		FUEL BURNING EQUIPMENT	N	2.0E-01	1.3E-03	3.9E-01	1.1E+00
*	698	009		FUEL BURNING EQUIPMENT	Y	1.5E-03	1.1E-03	1.8E-03	7.9E-03
*		010		FUEL BURNING EQUIPMENT	Y	1.5E-03	1.1E-03	1.8E-01	7.9E-03
*		016		FUEL BURNING EQUIPMENT	Y	1.5E-03	1.1E-03	1.8E-03	7.9E-03
*		017		FUEL BURNING EQUIPMENT	Y	1.5E-03	1.1E-03	1.8E-03	7.9E-03
*		018		FUEL BURNING EQUIPMENT	Y	1.5E-03	1.1E-03	1.8E-03	7.9E-03
	708	001		CHEMICAL SOURCE	Y	1.2E+02	3.2E+02	1.2E+02	1.1E+03
	787	001		FUEL BURNING EQUIPMENT	Y	3.6E+01	7.9E+01	3.6E+01	6.5E+02
*	T-6	001		FUEL BURNING EQUIPMENT	Y	1.5E-03	3.8E-03	1.8E-03	7.9E-03
*		004		FUEL BURNING EQUIPMENT	Y	1.5E-03	3.8E-03	1.8E-03	7.9E-03
*	TR19	002		FUEL BURNING EQUIPMENT	Y	1.5E-03	3.7E-03	1.8E+00	7.9E+00
*	TR29	001		FUEL BURNING EQUIPMENT	Y	9.8E-04	2.5E-03	9.8E-02	3.9E-03
*		008		FUEL BURNING EQUIPMENT	Y	9.8E-04	2.5E-03	1.8E-03	7.9E-03
SUM						2.1E+02	4.0E+02	8.6E+02	3.6E+03
* CPP	1642	007	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	1.2E+01	1.6E-01	1.3E+01	1.8E+01
*	1643	007		FUEL BURNING EQUIPMENT	N	1.2E+01	1.6E-01	1.3E+01	1.8E+01
*	1749	004		FUEL BURNING EQUIPMENT	N	1.8E+00	1.1E-02	2.7E+00	1.2E+01

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* CPP	603	008	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	Y	1.6E-01	1.4E-03	2.5E-01	6.8E-01
	606	004		FUEL BURNING EQUIPMENT	N	4.2E+00	6.6E+00	7.2E+00	3.2E+01
		005		FUEL BURNING EQUIPMENT	N	3.1E+00	3.1E+00	8.0E+00	3.5E+01
		019		FUEL BURNING EQUIPMENT	N	1.8E+00	1.5E+00	8.0E+00	3.5E+01
*	614	002		FUEL BURNING EQUIPMENT	N	8.5E+00	1.3E-01	9.7E+00	1.3E+01
*	616	004		FUEL BURNING EQUIPMENT	N	9.1E+00	1.4E-01	1.3E+01	1.8E+01
*	637	021		CHEMICAL SOURCE	Y	3.4E-04	3.5E-04	3.4E-04	3.5E-04
		032		CHEMICAL SOURCE	Y	2.0E+00	2.9E-02	2.3E+00	1.1E+00
		056		CHEMICAL SOURCE	Y			5.2E+01	3.1E+00
*	644	002		FUEL BURNING EQUIPMENT	N	2.1E+01	1.1E+00	4.3E+01	4.3E+00
*		005		FUEL BURNING EQUIPMENT	N	3.5E-01	1.9E-03	7.1E-01	3.1E+00
*	654	007		FUEL BURNING EQUIPMENT	Y	9.6E-03	2.4E-02	1.1E-01	4.2E-02
*		008		FUEL BURNING EQUIPMENT	Y	9.6E-03	2.4E-02	1.0E-01	4.2E-02
*		009		FUEL BURNING EQUIPMENT	Y	9.6E-03	2.4E-02	1.1E-02	4.2E-02
*		010		FUEL BURNING EQUIPMENT	Y	9.6E-03	2.4E-02	1.1E-01	4.2E-02
*		011		FUEL BURNING EQUIPMENT	Y	9.6E-03	2.4E-02	1.1E-02	4.0E-02
*		012		FUEL BURNING EQUIPMENT	Y	9.6E-03	2.4E-02	1.1E-01	4.2E-02
*	655	018		FUEL BURNING EQUIPMENT	Y	3.4E-04	3.5E-04	1.1E-01	4.8E-02
*		019		FUEL BURNING EQUIPMENT	Y	3.6E-02	9.1E-02	3.8E-02	1.7E-01
*		026		FUEL BURNING EQUIPMENT	Y	2.9E-02	7.3E-02	2.9E-02	1.3E-01
*		028		FUEL BURNING EQUIPMENT	Y	2.9E-02	7.3E-02	2.9E-02	1.3E-01
*		030		FUEL BURNING EQUIPMENT	Y	3.6E-02	9.1E-02	3.8E-01	1.6E-01
*		031		FUEL BURNING EQUIPMENT	Y	3.6E-02	9.1E-02	3.6E-02	1.6E-01
*	659	006		FUEL BURNING EQUIPMENT	N	3.0E+01	2.7E-01	6.8E+02	6.8E+01
*		007		FUEL BURNING EQUIPMENT	N	4.2E-02	5.9E-04	9.4E+00	4.1E+01
*		008		FUEL BURNING EQUIPMENT	N	2.1E+01	1.9E-01	4.8E+02	4.8E+01
*	679	002		FUEL BURNING EQUIPMENT	Y	2.1E-02	5.3E-02	2.8E-02	1.2E-01
*		003		FUEL BURNING EQUIPMENT	Y	2.1E-02	5.3E-02	2.8E-02	1.2E-01
*	687	026		FUEL BURNING EQUIPMENT	N	2.1E+01	1.1E+00	4.3E+01	4.3E+00
*		049		FUEL BURNING EQUIPMENT	N	9.1E-01	5.9E-03	1.8E+00	4.9E+00
*	698	009		FUEL BURNING EQUIPMENT	Y	1.1E-02	8.0E-03	1.3E-02	5.7E-02
*		010		FUEL BURNING EQUIPMENT	Y	1.1E-02	8.0E-04	1.3E-02	5.7E-02
*		016		FUEL BURNING EQUIPMENT	Y	1.1E-02	8.0E-03	1.3E-02	5.7E-02
*		017		FUEL BURNING EQUIPMENT	Y	1.1E-02	8.0E-03	1.3E-02	5.7E-02
*		018		FUEL BURNING EQUIPMENT	Y	1.1E-02	8.0E-03	1.3E-02	5.7E-02
	708	001		CHEMICAL SOURCE	Y	1.7E+02	4.6E+02	4.7E+02	1.7E+03
	787	001		FUEL BURNING EQUIPMENT	Y	1.6E+01	4.5E+01	1.6E+01	4.5E+02
*	T-6	001		FUEL BURNING EQUIPMENT	Y	1.1E-02	2.8E-02	1.3E-02	5.7E-02
*		004		FUEL BURNING EQUIPMENT	Y	1.1E-02	2.8E-02	1.3E-02	5.7E-02
*	TR19	002		FUEL BURNING EQUIPMENT	Y	1.1E-02	2.8E-02	1.3E-02	5.7E-02
*	TR29	001		FUEL BURNING EQUIPMENT	Y	7.2E-03	1.8E-02	1.3E-02	5.7E-02
*		008		FUEL BURNING EQUIPMENT	Y	7.2E-03	1.8E-02	1.3E-02	5.7E-02
SUM						3.4E+02	5.2E+02	1.9E+03	2.5E+03
CPP	025	001	PARTICULATE	CHEMICAL SOURCE	Y	2.0E-01	7.9E-03	7.1E-01	3.1E+00
*	1642	007		FUEL BURNING EQUIPMENT	N	8.5E-01	1.1E-02	9.5E-01	1.3E+00
*	1643	007		FUEL BURNING EQUIPMENT	N	8.5E-01	1.1E-02	9.5E-01	1.3E+00
*	1749	004		FUEL BURNING EQUIPMENT	N	1.3E-01	7.6E-04	1.9E-01	8.4E-01
*	603	008		FUEL BURNING EQUIPMENT	Y	4.6E-03	4.1E-05	7.1E+00	1.9E-02
	606	004		FUEL BURNING EQUIPMENT	N	4.2E-01	6.6E-01	7.2E-01	3.2E+00

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
CPP	606	005	PARTICULATE	FUEL BURNING EQUIPMENT	N	3.1E-01	3.1E-01	8.0E-01	3.5E+00
*		013		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
		019		FUEL BURNING EQUIPMENT	N	1.8E-01	1.5E-01	8.0E-01	3.5E+00
*		038		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	614	002		FUEL BURNING EQUIPMENT	N	6.0E-01	9.3E-03	6.8E-01	9.2E-01
*	616	004		FUEL BURNING EQUIPMENT	N	6.4E-01	9.9E-03	9.2E-01	1.2E+00
*	637	021		CHEMICAL SOURCE	Y	9.8E-06	1.0E-05	9.8E-06	1.0E-05
		032		CHEMICAL SOURCE	Y	2.9E-07	3.2E-09	5.1E-05	2.0E-05
		035		CHEMICAL SOURCE	Y	3.4E-06	5.2E-08	5.1E-06	2.1E-06
		036		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	1.1E+00	7.8E-02
		042		CHEMICAL SOURCE	Y	5.1E-05	1.6E-07	1.2E-02	4.8E-05
		056		CHEMICAL SOURCE	Y	3.4E-03	2.8E-05	3.4E-03	4.6E-03
*	644	002		FUEL BURNING EQUIPMENT	N	4.7E-01	2.4E-02	9.4E-01	9.4E-02
*		005		FUEL BURNING EQUIPMENT	N	2.2E-02	1.2E-04	4.3E-02	1.9E-01
*	654	007		FUEL BURNING EQUIPMENT	y	2.7E-04	6.8E-04	3.1E-04	1.2E-03
*		008		FUEL BURNING EQUIPMENT	y	2.7E-04	6.8E-04	3.1E-04	1.2E-03
*		009		FUEL BURNING EQUIPMENT	Y	2.7E-04	6.8E-04	3.1E-04	1.2E-03
*		010		FUEL BURNING EQUIPMENT	Y	2.7E-04	6.8E-04	3.1E-04	1.2E-03
*		011		FUEL BURNING EQUIPMENT	Y	2.7E-04	6.8E-04	3.1E-04	1.2E-03
*		012		FUEL BURNING EQUIPMENT	Y	2.7E-04	6.8E-04	3.1E-03	1.2E-03
*	655	018		FUEL BURNING EQUIPMENT	Y	9.8E-06	1.0E-05	3.1E-03	1.4E-03
*		019		FUEL BURNING EQUIPMENT	Y	1.0E-03	2.5E-03	1.1E-03	4.8E-03
*		026		FUEL BURNING EQUIPMENT	Y	8.3E-04	2.1E-03	4.0E-04	1.8E-03
*		028		FUEL BURNING EQUIPMENT	Y	8.3E-04	2.1E-01	4.0E-04	1.8E-03
*		030		FUEL BURNING EQUIPMENT	Y	1.0E-03	2.5E-03	1.0E-03	4.4E-03
*		031		FUEL BURNING EQUIPMENT	Y	1.0E-03	2.5E-03	1.0E-03	4.4E-02
*	659	006		FUEL BURNING EQUIPMENT	N	2.1E+00	1.9E-02	4.8E+01	4.8E+00
*		007		FUEL BURNING EQUIPMENT	N	2.6E-03	3.6E-05	5.8E-01	2.5E+00
*		008		FUEL BURNING EQUIPMENT	N	4.7E-01	4.2E-03	1.1E+01	1.1E+00
*	662	003		CHEMICAL SOURCE	Y	3.3E-04	3.4E-04	9.0E-03	1.9E-02
*	663	045		CHEMICAL SOURCE	Y	1.6E-04	3.3E-04	1.6E-04	3.3E-04
*		048		CHEMICAL SOURCE	Y	1.1E-02	1.1E-02	1.1E-02	1.1E-02
*	679	002		FUEL BURNING EQUIPMENT	Y	6.0E-04	1.5E-03	8.0E-04	3.5E-03
*		003		FUEL BURNING EQUIPMENT	Y	6.0E-04	1.5E-03	8.0E-04	3.5E-03
	687	010		CHEMICAL SOURCE	Y	2.0E-01	4.4E-04	2.0E-02	3.5E-03
		011		CHEMICAL SOURCE	Y	2.0E-02	4.4E-04	2.0E-02	3.5E-03
*		026		FUEL BURNING EQUIPMENT	N	4.7E-01	2.4E-02	9.4E-01	9.4E-02
		033		CHEMICAL SOURCE	Y	3.8E-02	5.5E-03	4.0E-02	4.2E-02
		034		CHEMICAL SOURCE	Y	3.8E-02	5.5E-03	4.0E-02	4.2E-02
*		049		FUEL BURNING EQUIPMENT	N	6.4E-02	4.1E-04	1.3E-01	3.4E-01
*	698	004		CHEMICAL SOURCE	Y	2.6E-04	2.7E-04	2.6E-04	2.7E-04
*		006		CHEMICAL SOURCE	Y	2.6E-04	2.7E-04	2.6E-04	2.7E-04
*		009		FUEL BURNING EQUIPMENT	Y	3.1E-04	2.3E-04	3.8E-04	1.7E-03
*		010		FUEL BURNING EQUIPMENT	Y	3.1E-04	2.3E-04	3.0E-04	1.7E-03
*		016		FUEL BURNING EQUIPMENT	Y	3.1E-04	2.3E-04	3.8E-04	1.7E-03
*		017		FUEL BURNING EQUIPMENT	Y	3.1E-04	2.3E-04	3.8E-04	1.7E-03
*		018		FUEL BURNING EQUIPMENT	Y	3.1E-04	2.3E-04	3.8E-04	1.7E-03
	787	001		FUEL BURNING EQUIPMENT	Y	1.3E+00	3.5E+01	1.3E+00	4.2E+01
	792	001		CHEMICAL SOURCE	Y	1.5E-02	1.4E-02	1.5E-02	1.0E+00
		002		CHEMICAL SOURCE		1.5E-03	1.9E-04	1.5E-03	6.0E-03

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
CPP	792	003	PARTICULATE	CHEMICAL SOURCE		1.5E-03	1.9E-04	1.5E-03	6.0E-03
	793	002		CHEMICAL SOURCE	Y	2.1E-01	1.1E-02	2.1E-01	8.0E-02
	794	001		CHEMICAL SOURCE	Y	1.1E+00	4.9E-02	1.1E+00	4.0E-01
*	T-6	001		FUEL BURNING EQUIPMENT	Y	3.1E-04	7.8E-04	3.8E-04	1.7E-03
*		004		FUEL BURNING EQUIPMENT	Y	3.1E-04	7.8E-04	3.8E-04	1.7E-03
*	TR19	002		FUEL BURNING EQUIPMENT	Y	3.1E-04	7.8E-04	3.8E-04	1.7E-03
*	TR29	001		FUEL BURNING EQUIPMENT	Y	2.1E-04	5.3E-04	3.8E-04	1.7E-02
*		008		FUEL BURNING EQUIPMENT	Y	2.1E-04	5.3E-04	3.8E-04	1.7E-03
SUM						1.1E+01	3.7E+01	7.8E+01	7.1E+01
* CPP	1642	007	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	7.9E-01	1.0E-02	8.9E-01	1.2E+00
*	1643	007		FUEL BURNING EQUIPMENT	N	7.9E-01	1.0E-02	8.9E-01	1.2E+00
*	1749	004		FUEL BURNING EQUIPMENT	N	1.2E-01	7.1E-04	1.8E-01	7.8E-01
*	603	008		FUEL BURNING EQUIPMENT	Y	5.0E-03	4.5E-05	7.8E-03	2.1E-02
	606	004		FUEL BURNING EQUIPMENT	N	1.5E+01	2.4E+01	2.6E+01	1.1E+02
		005		FUEL BURNING EQUIPMENT	N	1.1E+01	1.1E+01	2.9E+01	1.3E+02
		019		FUEL BURNING EQUIPMENT	N	6.6E+00	5.3E+00	2.9E+01	1.3E+02
*	614	002		FUEL BURNING EQUIPMENT	N	5.6E-01	8.7E-03	6.4E-01	8.6E-01
*	616	004		FUEL BURNING EQUIPMENT	N	6.0E-01	9.3E-03	8.6E-01	1.2E+00
*	637	021		CHEMICAL SOURCE	Y	1.1E-05	1.1E-05	1.1E-05	1.1E-05
		032		CHEMICAL SOURCE	Y	2.7E-03	3.1E-05	7.6E-03	3.6E-03
*	644	002		FUEL BURNING EQUIPMENT	N	3.5E+00	1.8E-01	6.9E+00	6.9E-01
*		005		FUEL BURNING EQUIPMENT	N	1.8E-02	9.7E-05	3.6E-02	1.6E-01
*	654	007		FUEL BURNING EQUIPMENT	Y	3.0E-04	7.6E-04	3.4E-04	1.3E-03
*		008		FUEL BURNING EQUIPMENT	Y	3.0E-04	7.6E-04	3.4E-04	1.3E-03
*		009		FUEL BURNING EQUIPMENT	Y	3.0E-04	7.6E-04	3.4E-04	1.3E-03
*		010		FUEL BURNING EQUIPMENT	Y	3.0E-04	7.6E-04	3.4E-04	1.3E-03
*		011		FUEL BURNING EQUIPMENT	Y	3.0E-04	7.6E-04	3.4E-04	1.3E-03
*		012		FUEL BURNING EQUIPMENT	Y	3.0E-04	7.6E-04	3.4E-04	1.3E-03
*	655	018		FUEL BURNING EQUIPMENT	Y	1.1E-05	1.1E-05	3.4E-04	1.5E-03
*		019		FUEL BURNING EQUIPMENT	Y	1.1E-03	2.8E-03	1.2E-03	5.3E-03
*		026		FUEL BURNING EQUIPMENT	Y	9.1E-04	2.3E-03	9.2E-04	4.0E-03
*		028		FUEL BURNING EQUIPMENT	Y	9.1E-04	2.3E-03	9.2E-04	4.0E-03
*		030		FUEL BURNING EQUIPMENT	Y	1.1E-03	2.8E-03	1.1E-03	4.8E-03
*		031		FUEL BURNING EQUIPMENT	Y	1.1E-03	2.8E-03	1.1E-03	4.8E-03
*	659	006		FUEL BURNING EQUIPMENT	N	2.0E+00	1.8E-02	4.4E+01	4.4E+00
*		007		FUEL BURNING EQUIPMENT	N	2.2E-03	3.0E-05	4.8E-01	2.1E+00
*		008		FUEL BURNING EQUIPMENT	N	3.5E+00	3.1E-02	7.7E+01	7.7E+00
*	679	002		FUEL BURNING EQUIPMENT	Y	6.6E-04	1.7E-03	8.8E-04	3.9E-03
*		003		FUEL BURNING EQUIPMENT	Y	6.6E-04	1.7E-03	8.8E-04	3.9E-03
*	687	026		FUEL BURNING EQUIPMENT	N	3.5E+00	1.8E-01	6.9E+00	6.9E-01
*		049		FUEL BURNING EQUIPMENT	N	6.0E-02	3.9E-04	1.2E-01	3.2E-01
*	698	009		FUEL BURNING EQUIPMENT	Y	3.4E-04	2.5E-04	4.7E-04	1.8E-03
*		010		FUEL BURNING EQUIPMENT	Y	3.4E-04	2.5E-04	4.7E-04	1.8E-03
*		016		FUEL BURNING EQUIPMENT	Y	3.4E-04	2.5E-04	4.7E-04	1.8E-03
*		017		FUEL BURNING EQUIPMENT	Y	3.4E-04	2.5E-04	4.7E-04	1.8E-03
*		018		FUEL BURNING EQUIPMENT	Y	3.4E-04	2.5E-04	4.7E-04	1.8E-03
	708	001		CHEMICAL SOURCE	Y	2.2E-01	5.9E-01	2.2E-01	7.9E+00
	787	001		FUEL BURNING EQUIPMENT	Y	1.9E+00	5.4E+00	1.9E+00	4.3E+02
*	T-6	001		FUEL BURNING EQUIPMENT	Y	3.4E-04	8.6E-04	4.1E-04	1.8E-03

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* CPP	T-6	004	SULFUR OXIDES	FUEL BURNING EQUIPMENT	Y	3.4E-04	8.6E-04	4.1E-04	1.8E-03
*	TR19	002		FUEL BURNING EQUIPMENT	Y	3.4E-04	8.6E-04	4.1E-04	1.8E-03
*	TR29	001		FUEL BURNING EQUIPMENT	Y	2.3E-04	5.8E-04	4.1E-04	1.8E-03
*		008		FUEL BURNING EQUIPMENT	Y	2.3E-04	5.8E-04	4.1E-04	1.8E-03
SUM						5.0E+01	4.7E+01	2.3E+02	8.3E+02
* CPP	1611	001	VOC-NONMETHANE	CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	1612	001		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	1642	003		STORAGE TANK - VOC	N	1.7E-01	3.5E-06	1.7E-01	3.5E-06
*		007		FUEL BURNING EQUIPMENT	N	9.9E-02	1.3E-03	1.1E-01	1.5E-01
*	1643	003		STORAGE TANK - VOC	N	1.7E-01	3.6E-06	1.7E-01	3.6E-06
*		007		FUEL BURNING EQUIPMENT	N	9.9E-02	1.3E-03	1.1E-01	1.5E-01
*	1749	004		FUEL BURNING EQUIPMENT	N	1.5E-02	8.9E-05	2.2E-02	9.7E-02
*	601	024		STORAGE TANK - VOC	Y	9.1E-04	4.0E-03	9.1E-04	4.0E-03
*	602	012		CHEMICAL SOURCE	Y	7.3E-02	7.6E-02	0.0E+00	2.0E+00
*		014		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*		031		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	603	008		FUEL BURNING EQUIPMENT	Y	5.7E-03	5.1E-05	8.9E-03	2.4E-02
	606	004		FUEL BURNING EQUIPMENT	N	4.2E-02	6.6E-02	7.2E-02	3.2E-01
		005		FUEL BURNING EQUIPMENT	N	3.1E-02	3.1E-02	8.0E-02	3.5E-01
		019		FUEL BURNING EQUIPMENT	N	1.8E-02	1.5E-02	8.0E-02	3.5E-01
*	614	001		STORAGE TANK - VOC	N	3.4E-01	6.6E-07	3.4E-01	6.6E-07
*		002		FUEL BURNING EQUIPMENT	N	6.9E-02	1.1E-03	7.9E-02	1.1E-01
*	616	004		FUEL BURNING EQUIPMENT	N	7.4E-02	1.2E-03	1.1E-01	1.4E-01
*		007		STORAGE TANK - VOC	N	3.4E-01	3.1E-06	3.4E-01	3.1E-06
*	627	007		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*		008		CHEMICAL SOURCE	Y	1.3E-03	1.3E-03	1.3E-03	2.0E+00
*		013		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	630	012		CHEMICAL SOURCE	Y	6.4E-04	6.7E-04	6.4E-04	2.0E+00
*	637	010		CHEMICAL SOURCE	Y	1.8E-03	3.8E-03	1.8E-03	2.0E+00
*		021		CHEMICAL SOURCE	Y	1.2E-05	1.2E-05	1.2E-05	1.2E-05
		032		CHEMICAL SOURCE	Y	9.0E-04	1.1E-05	3.2E-03	4.6E-03
*	644	002		FUEL BURNING EQUIPMENT	N	6.9E-01	3.6E-02	1.4E+00	1.4E-01
*		004		STORAGE TANK - VOC	N	1.2E+02	7.9E-05	1.2E+02	7.9E-05
*		005		FUEL BURNING EQUIPMENT	N	6.6E-01	3.5E-03	1.3E+00	5.7E+00
*		006		STORAGE TANK - VOC	N	1.7E-02	7.3E-05	1.7E-02	7.3E-05
*		013		STORAGE TANK - VOC	N	1.2E-01	7.4E-04	1.2E-01	7.4E-04
*	654	007		FUEL BURNING EQUIPMENT	Y	3.4E-04	8.6E-04	3.9E-04	1.5E-03
*		008		FUEL BURNING EQUIPMENT	Y	3.4E-04	8.6E-04	3.9E-04	1.5E-03
*		009		FUEL BURNING EQUIPMENT	Y	3.4E-04	8.6E-04	3.9E-04	1.5E-03
*		010		FUEL BURNING EQUIPMENT	Y	3.4E-04	8.6E-04	3.9E-04	1.5E-03
*		011		FUEL BURNING EQUIPMENT	Y	3.4E-04	8.6E-04	3.9E-04	1.5E-03
*		012		FUEL BURNING EQUIPMENT	Y	3.4E-04	8.6E-04	3.9E-04	1.5E-03
*	655	018		FUEL BURNING EQUIPMENT	Y	1.2E-05	1.2E-05	3.9E-03	1.7E-03
*		019		FUEL BURNING EQUIPMENT	Y	1.3E-03	3.3E-03	1.4E-03	6.1E-03
*		026		FUEL BURNING EQUIPMENT	Y	1.0E-03	2.6E-03	1.1E-03	4.8E-03
*		028		FUEL BURNING EQUIPMENT		1.0E-03	2.6E-03	1.3E-03	5.7E-03
*		030		FUEL BURNING EQUIPMENT	Y	1.3E-03	3.3E-03	1.3E-03	3.3E-03
*		031		FUEL BURNING EQUIPMENT	Y	1.3E-03	3.3E-03	1.3E-03	5.7E-03
*	659	006		FUEL BURNING EQUIPMENT	N	2.5E-01	2.2E-03	5.5E+00	5.5E-01

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* CPP	659	007	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	N	7.9E-02	1.1E-03	1.7E+01	7.7E+01
*		008		FUEL BURNING EQUIPMENT	N	6.9E-01	6.2E-03	1.5E+01	1.5E+00
*		010		STORAGE TANK - VOC	N	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*		011		STORAGE TANK - VOC	N	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*		033		CHEMICAL SOURCE		3.0E-02	5.6E-02	3.0E-02	5.6E-02
*		035		STORAGE TANK - VOC	N	1.2E+02	2.0E-05	1.2E+02	2.0E-05
*	663	054		CHEMICAL SOURCE	Y	1.7E-02	3.6E-02	1.7E-02	3.6E-02
*	679	002		FUEL BURNING EQUIPMENT	Y	7.5E-04	1.9E-03	1.0E-03	4.4E-03
*		003		FUEL BURNING EQUIPMENT	Y	7.5E-04	1.9E-03	1.0E-03	4.4E-03
*	687	026		FUEL BURNING EQUIPMENT	N	6.9E-01	3.6E-02	1.4E+00	1.4E-01
*		049		FUEL BURNING EQUIPMENT	N	7.4E-03	4.8E-05	1.5E-02	4.0E-02
*	694	007		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*		008		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*		010		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	698	009		FUEL BURNING EQUIPMENT	Y	3.9E-04	2.8E-04	4.7E-04	2.1E-03
*		010		FUEL BURNING EQUIPMENT	Y	3.9E-04	2.8E-04	4.7E-04	2.1E-03
*		016		FUEL BURNING EQUIPMENT	Y	3.9E-04	2.8E-04	4.7E-04	2.1E-03
*		017		FUEL BURNING EQUIPMENT	Y	3.9E-04	2.8E-04	4.7E-04	2.1E-03
*		018		FUEL BURNING EQUIPMENT	Y	3.9E-04	2.8E-04	4.7E-04	2.1E-03
*	701A	001		STORAGE TANK - VOC	N	1.3E-01	6.3E-02	1.3E-01	6.3E-02
*	701B	001		STORAGE TANK - VOC	N	3.7E-03	1.6E-02	3.7E-03	1.6E-02
*	702A	001		STORAGE TANK - VOC	N	1.1E-03	4.8E-03	1.1E-03	4.8E-03
*	702B	001		STORAGE TANK - VOC	N	1.1E-03	4.8E-03	1.1E-03	4.8E-03
*	703	001		STORAGE TANK - VOC	N	5.8E-02	1.3E-05	5.8E-02	1.3E-05
*		002		STORAGE TANK - VOC	N	3.2E+01	1.7E-02	3.2E+01	1.7E-02
*	708	001		CHEMICAL SOURCE	Y	3.7E+00	9.9E+00	4.0E+01	4.0E+01
*	775	005		STORAGE TANK - VOC	N	1.2E-01	1.1E-03	1.2E-01	1.1E-03
*	787	001		FUEL BURNING EQUIPMENT	Y	7.9E-02	2.2E-01	7.9E-02	1.8E+00
*	T-6	001		FUEL BURNING EQUIPMENT	Y	3.9E-04	9.8E-04	4.7E-04	2.1E-03
*		004		FUEL BURNING EQUIPMENT	Y	3.9E-04	9.8E-04	4.7E-04	2.1E-03
*	TR19	002		FUEL BURNING EQUIPMENT	Y	3.9E-04	9.8E-04	4.7E-04	2.1E-03
*	TR29	001		FUEL BURNING EQUIPMENT	Y	2.6E-04	6.6E-04	4.7E-04	2.1E-03
*		008		FUEL BURNING EQUIPMENT	Y	2.6E-04	6.6E-04	4.7E-04	2.1E-03
SUM						2.8E+02	1.1E+01	3.5E+02	1.4E+02

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* HPTF	601	001	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	Y	3.1E+01	4.0E-01	3.7E-02	1.6E-01
			SUM			3.1E+01	4.0E-01	3.7E-02	1.6E-01
* HPTF	601	001	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	Y	1.0E+04	1.3E+00	1.2E-01	5.3E-01
			SUM			1.0E+04	1.3E+00	1.2E-01	5.3E-01
* HPTF	601	001	PARTICULATE	FUEL BURNING EQUIPMENT	Y	7.5E+00	9.7E-02	9.1E-03	4.0E-02
			SUM			7.5E+00	9.7E-02	9.1E-03	4.0E-02
* HPTF	601	001	SULFUR OXIDES	FUEL BURNING EQUIPMENT	Y	3.6E+00	4.6E-02	4.3E-03	1.9E-02
			SUM			3.6E+00	4.6E-02	4.3E-03	1.9E-02
* HPTF	601	001	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	Y	8.0E+00	1.0E-01	9.7E-03	4.2E-02
			SUM			8.0E+00	1.0E-01	9.7E-03	4.2E-02

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* NRF	602	005	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	1.6E+00	7.8E-02	1.6E+00	2.1E+00
	620	012		FUEL BURNING EQUIPMENT	N	8.0E-01	5.5E-01	2.3E+00	9.9E+00
		013		FUEL BURNING EQUIPMENT	N	8.0E-01	5.5E-01	2.3E+00	9.9E+00
		014		FUEL BURNING EQUIPMENT	N	8.0E-01	5.5E-01	2.3E+00	9.9E+00
*	622	001		FUEL BURNING EQUIPMENT	N	1.6E+00	1.2E-02	1.6E+00	2.1E+00
*	633A	038		FUEL BURNING EQUIPMENT	N	4.3E+00	2.6E-01	4.7E+00	4.7E-01
*	635	006		FUEL BURNING EQUIPMENT	N	1.0E+00	2.6E-02	1.6E+00	2.2E+00
*		007		FUEL BURNING EQUIPMENT	N	1.0E+00	2.6E-02	1.6E+00	2.2E+00
*	686	016		FUEL BURNING EQUIPMENT	N	7.8E+00	2.4E-01	1.0E+01	1.0E+00
*		017		FUEL BURNING EQUIPMENT	N	7.8E+00	2.4E-01	1.0E+01	1.0E+00
*		018		FUEL BURNING EQUIPMENT	N	7.8E+00	2.4E-01	1.0E+01	1.0E+00
*		019		FUEL BURNING EQUIPMENT	N	7.8E+00	2.4E-01	1.0E+01	1.0E+00
SUM						4.3E+01	3.0E+00	5.8E+01	4.3E+01
NRF	601	19A	NITROGEN OXIDES	CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	602	005		FUEL BURNING EQUIPMENT	N	7.2E+00	3.6E-01	7.2E+00	9.8E+00
	620	012		FUEL BURNING EQUIPMENT	N	8.8E+00	6.1E+00	2.5E+01	1.1E+02
		013		FUEL BURNING EQUIPMENT	N	8.8E+00	6.1E+00	2.5E+01	1.1E+02
		014		FUEL BURNING EQUIPMENT	N	8.8E+00	6.1E+00	2.5E+01	1.1E+02
*	622	001		FUEL BURNING EQUIPMENT	N	7.2E+00	5.8E-02	7.2E+00	9.8E+00
*	633A	038		FUEL BURNING EQUIPMENT	N	1.6E+01	9.8E-01	1.8E+01	1.8E+00
*	635	006		FUEL BURNING EQUIPMENT	N	4.7E+00	1.2E-01	7.6E+00	1.0E+01
*		007		FUEL BURNING EQUIPMENT	N	4.7E+00	1.2E-01	7.6E+00	1.0E+01
*	686	016		FUEL BURNING EQUIPMENT	N	3.0E+01	9.2E-01	3.8E+01	3.8E+00
*		017		FUEL BURNING EQUIPMENT	N	3.0E+01	9.2E-01	3.8E+01	3.8E+00
*		018		FUEL BURNING EQUIPMENT	N	3.0E+01	9.2E-01	3.8E+01	3.8E+00
*		019		FUEL BURNING EQUIPMENT	N	3.0E+01	9.2E-01	3.8E+01	3.8E+00
SUM						1.9E+02	2.3E+01	2.7E+02	3.8E+02
* NRF	602	005	PARTICULATE	FUEL BURNING EQUIPMENT	N	5.1E-01	2.6E-02	5.1E-01	6.9E-01
*		008		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*		023		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	618	HBR		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	619	004		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*		016		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*		017		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*		018		CHEMICAL SOURCE	Y	8.7E-02	6.6E-02	2.5E-01	2.0E-01
	620	012		FUEL BURNING EQUIPMENT	N	1.6E+00	1.1E+00	4.5E+00	2.0E+01
		013		FUEL BURNING EQUIPMENT	N	1.6E+00	1.1E+00	4.5E+00	2.0E+01
		014		FUEL BURNING EQUIPMENT	N	1.6E+00	1.1E+00	4.5E+00	2.0E+01
*	622	001		FUEL BURNING EQUIPMENT	N	5.1E-01	4.1E-03	5.1E-01	6.9E-01
*	633A	038		FUEL BURNING EQUIPMENT	N	3.6E-01	2.2E-02	4.0E-01	4.0E-02
*	635	006		FUEL BURNING EQUIPMENT	N	3.3E-01	8.5E-03	5.3E-01	7.2E-01
*		007		FUEL BURNING EQUIPMENT	N	3.3E-01	8.5E-03	5.3E-01	7.2E-01
*	686	016		FUEL BURNING EQUIPMENT	N	6.6E-01	2.0E-02	8.5E-01	8.5E-02
*		017		FUEL BURNING EQUIPMENT	N	6.6E-01	2.0E-02	8.5E-01	8.5E-02
*		018		FUEL BURNING EQUIPMENT	N	6.6E-01	2.0E-02	8.5E-01	8.5E-02
*		019		FUEL BURNING EQUIPMENT	N	6.6E-01	2.0E-02	8.5E-01	8.5E-02
*	716	001		CHEMICAL SOURCE	Y	3.0E+00	1.3E+01	4.2E+01	1.9E+02

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
SUM						1.3E+01	1.6E+01	6.2E+01	2.5E+02
NRF	601	19A	SULFUR OXIDES	CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	602	005		FUEL BURNING EQUIPMENT	N	4.8E-01	2.4E-02	4.8E-01	6.4E-01
	620	012		FUEL BURNING EQUIPMENT	N	3.8E+01	2.6E+01	1.1E+02	4.7E+02
		013		FUEL BURNING EQUIPMENT	N	3.8E+01	2.6E+01	1.1E+02	4.7E+02
		014		FUEL BURNING EQUIPMENT	N	3.8E+01	2.6E+01	1.1E+02	4.7E+02
*	622	001		FUEL BURNING EQUIPMENT	N	4.8E-01	3.8E-03	4.8E-01	6.4E-01
*	633A	038		FUEL BURNING EQUIPMENT	N	2.7E+00	1.6E-01	2.9E+00	2.9E-01
*	635	006		FUEL BURNING EQUIPMENT	N	3.1E-01	7.9E-03	5.0E-01	6.7E-01
*		007		FUEL BURNING EQUIPMENT	N	3.1E-01	7.9E-03	5.0E-01	6.7E-01
*	686	016		FUEL BURNING EQUIPMENT	N	4.8E+00	1.5E-01	6.2E+00	6.2E-01
*		017		FUEL BURNING EQUIPMENT	N	4.8E+00	1.5E-01	6.2E+00	6.2E-01
*		018		FUEL BURNING EQUIPMENT	N	4.8E+00	1.5E-01	6.2E+00	6.2E-01
*		019		FUEL BURNING EQUIPMENT	N	4.8E+00	1.5E-01	6.2E+00	6.2E-01
SUM						1.4E+02	8.0E+01	3.5E+02	1.4E+03
NRF	601	19A	VOC-NONMETHANE	CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	602	005		FUEL BURNING EQUIPMENT	N	5.9E-02	3.0E-03	5.9E-02	8.0E-02
*		006		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	603	039		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	616	012		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	617C	003		STORAGE TANK - VOC	N	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	618	099		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*		103		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	619	018		CHEMICAL SOURCE	y	7.3E-02	1.4E-01	4.2E-01	2.5E+00
	620	012		FUEL BURNING EQUIPMENT	N	4.5E-02	3.1E-02	1.3E-01	5.5E-01
		013		FUEL BURNING EQUIPMENT	N	4.5E-02	3.1E-02	1.3E-01	5.5E-01
		014		FUEL BURNING EQUIPMENT	N	4.5E-02	3.1E-02	1.3E-01	5.5E-01
*	622	001		FUEL BURNING EQUIPMENT	N	5.9E-02	4.7E-04	5.9E-02	8.0E-02
*	633A	038		FUEL BURNING EQUIPMENT	N	5.3E-01	3.2E-02	5.8E-01	5.8E-02
*	635	006		FUEL BURNING EQUIPMENT	N	3.8E-02	9.9E-04	6.2E-02	8.3E-02
*		007		FUEL BURNING EQUIPMENT	N	3.8E-02	9.9E-04	6.2E-02	8.3E-02
*	663	022		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	686	001		STORAGE TANK - VOC	N	3.4E-01	6.0E-05	3.4E-01	6.0E-05
*		002		STORAGE TANK - VOC	N	1.2E-01	1.7E-04	1.2E-01	1.7E-04
*		003		STORAGE TANK - VOC	N	3.4E-01	6.0E-05	3.4E-01	6.0E-05
*		004		STORAGE TANK - VOC	N	3.4E-01	6.0E-05	3.4E-01	6.0E-05
*		016		FUEL BURNING EQUIPMENT	N	9.6E-01	3.0E-02	1.2E+00	1.2E-01
*		017		FUEL BURNING EQUIPMENT	N	9.6E-01	3.0E-02	1.2E+00	1.2E-01
*		018		FUEL BURNING EQUIPMENT	N	9.6E-01	3.0E-02	1.2E+00	1.2E-01
*		019		FUEL BURNING EQUIPMENT	N	9.6E-01	3.0E-02	1.2E+00	1.2E-01
*	711A	001		STORAGE TANK - VOC	N	1.2E-03	4.8E-04	1.2E-03	4.8E-04
*	711B	001		STORAGE TANK - VOC	N	1.2E-03	4.8E-04	1.2E-03	4.8E-04
*	711C	001		STORAGE TANK - VOC	N	1.2E-03	4.8E-04	1.2E-03	4.8E-04
*	747	001		STORAGE TANK - VOC	N	3.8E-05	1.7E-04	3.8E-05	1.7E-04
*		002		STORAGE TANK - VOC	N	3.8E-05	1.7E-04	3.8E-05	1.7E-04
SUM						5.9E+00	3.9E-01	7.7E+00	5.0E+00

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
PER	601	010	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	6.5E-02	2.3E-02	6.5E-02	2.8E-02
	601A	010		FUEL BURNING EQUIPMENT	N	6.5E-03	2.3E-02	6.5E-03	2.8E-02
*	609	006		FUEL BURNING EQUIPMENT	N	1.3E+00	7.8E-03	2.6E+00	3.5E+00
	612	006		FUEL BURNING EQUIPMENT	N	6.5E-03	2.3E-02	6.5E-03	2.8E-02
	613	009		FUEL BURNING EQUIPMENT	N	2.2E-02	6.8E-04	6.0E-02	1.9E-01
	632	007		FUEL BURNING EQUIPMENT	N	6.5E-03	2.3E-02	6.5E-03	2.8E-02
		008		FUEL BURNING EQUIPMENT	N	6.5E-02	2.3E-02	6.5E-02	2.8E-02
*	638	004		FUEL BURNING EQUIPMENT	N	1.4E+00	1.8E-02	1.4E+00	3.7E+00
*		005		STORAGE TANK - VOC	N	2.7E-01	5.0E-03	9.2E-01	4.0E+00
	755	001		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	9.7E+00	2.8E+00
SUM						3.1E+00	1.4E-01	1.5E+01	1.4E+01
PER	601	010	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	2.6E-01	9.0E-02	2.6E-01	1.1E-01
	601A	010		FUEL BURNING EQUIPMENT	N	2.6E-02	9.0E-02	2.6E-02	1.1E-01
*	609	006		FUEL BURNING EQUIPMENT	N	6.0E+00	3.6E-02	1.2E+01	1.6E+01
	612	006		FUEL BURNING EQUIPMENT	N	2.6E-02	9.0E-02	2.6E-02	1.1E-01
	613	009		FUEL BURNING EQUIPMENT	N	8.6E-02	2.7E-03	2.4E-01	7.7E-01
	632	007		FUEL BURNING EQUIPMENT	N	2.6E-02	9.0E-02	2.6E-02	1.1E-01
		008		FUEL BURNING EQUIPMENT	N	2.6E-01	9.0E-02	2.6E-01	1.1E-01
*	638	004		FUEL BURNING EQUIPMENT	N	6.3E+00	8.2E-02	6.3E+00	1.7E+01
*		005		STORAGE TANK - VOC	N	1.2E+00	2.3E-02	4.2E+00	1.8E+01
	755	001		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	4.2E+00	1.2E+01
SUM						1.4E+01	5.9E-01	2.8E+01	6.5E+01
PER	601	010	PARTICULATE	FUEL BURNING EQUIPMENT	N	2.6E-02	9.0E-03	2.6E-02	1.1E-02
	601A	010		FUEL BURNING EQUIPMENT	N	2.6E-03	9.0E-03	2.6E-03	1.1E-02
*	609	006		FUEL BURNING EQUIPMENT	N	4.3E-01	2.6E-03	8.5E-01	1.1E+00
	612	006		FUEL BURNING EQUIPMENT	N	2.6E-03	9.0E-03	2.6E-03	1.1E-02
	613	009		FUEL BURNING EQUIPMENT	N	8.6E-03	2.7E-04	2.4E-02	7.7E-02
	632	007		FUEL BURNING EQUIPMENT	N	2.6E-03	9.0E-03	2.6E-03	1.1E-02
		008		FUEL BURNING EQUIPMENT	N	2.6E-02	9.0E-03	2.6E-02	1.1E-02
*	638	004		FUEL BURNING EQUIPMENT	N	4.4E-01	5.7E-03	4.4E-01	1.2E+00
*		005		STORAGE TANK - VOC	N	8.7E-02	1.7E-03	3.0E-01	1.3E+00
	755	001		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	7.3E+00	2.1E+00
*	765	001		CHEMICAL SOURCE				2.5E-02	1.1E-01
SUM						1.0E+00	5.5E-02	9.0E+00	6.0E+00
PER	601	010	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	9.4E-01	3.2E-01	9.4E-01	4.1E-01
	601A	010		FUEL BURNING EQUIPMENT	N	9.4E-02	3.2E-01	9.4E-02	4.1E-01
*	609	006		FUEL BURNING EQUIPMENT	N	4.0E-01	2.4E-03	7.9E-01	1.1E+00
	612	006		FUEL BURNING EQUIPMENT	N	9.4E-02	3.2E-01	9.4E-02	4.1E-01
	613	009		FUEL BURNING EQUIPMENT	N	3.1E-01	9.7E-03	8.6E-01	2.8E+00
	632	007		FUEL BURNING EQUIPMENT	N	9.4E-02	3.2E-01	9.4E-02	4.1E-01
		008		FUEL BURNING EQUIPMENT	N	9.4E-01	3.2E-01	9.4E-01	4.1E-01
*	638	004		FUEL BURNING EQUIPMENT	N	4.1E-01	5.4E-03	4.1E-01	1.1E+00
*		005		STORAGE TANK - VOC	N	8.1E-02	1.5E-03	2.8E-01	1.2E+00
	755	001		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	2.6E+00	1.1E+01
SUM						3.4E+00	1.6E+00	7.1E+00	1.9E+01

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
PER	601	010	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	N	4.4E-03	1.5E-03	4.4E-03	1.9E-03
	601A	010		FUEL BURNING EQUIPMENT	N	4.4E-04	1.5E-03	4.4E-04	1.9E-03
*	609	006		FUEL BURNING EQUIPMENT	N	4.9E-02	3.0E-04	9.9E-02	1.3E-01
*		010		STORAGE TANK - VOC	N	1.7E-02	1.1E-06	1.7E-02	1.1E-06
	612	006		FUEL BURNING EQUIPMENT	N	4.4E-04	1.5E-03	4.4E-04	1.9E-03
	613	009		FUEL BURNING EQUIPMENT	N	1.5E-03	4.6E-05	4.1E-03	1.3E-02
	632	007		FUEL BURNING EQUIPMENT	N	4.4E-04	1.5E-03	4.4E-04	1.9E-03
		008		FUEL BURNING EQUIPMENT	N	4.4E-03	1.5E-03	4.4E-03	1.9E-03
*	638	004		FUEL BURNING EQUIPMENT	N	5.1E-02	6.7E-04	5.1E-02	1.4E-01
*		005		STORAGE TANK - VOC	N	1.2E-01	2.2E-03	4.0E-01	1.8E+00
*	705	001		STORAGE TANK - VOC	N	1.2E-01	7.4E-04	1.2E-01	7.4E-04
*	711	001		STORAGE TANK - VOC	N	5.8E-02	5.8E-05	5.8E-02	5.8E-05
*	716	001		STORAGE TANK - VOC	N	5.8E-02	1.7E-05	5.8E-02	1.7E-05
*	740	001		STORAGE TANK - VOC	N	5.8E-02	6.4E-06	5.8E-02	6.4E-06
*	742	001		STORAGE TANK - VOC	N	5.8E-02	2.6E-06	5.8E-02	2.6E-06
*	743	001		STORAGE TANK - VOC	N	5.8E-02	2.6E-06	5.8E-02	2.6E-06
*	752	001		STORAGE TANK - VOC	N	5.8E-02	2.8E-06	5.8E-02	2.8E-06
SUM						7.1E-01	1.2E-02	1.0E+00	2.1E+00

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* TRA	619	008	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	1.3E+00	3.4E-02	1.3E+00	1.2E+00
*		009		FUEL BURNING EQUIPMENT	N	1.3E+00	3.4E-02	1.3E+00	1.2E+00
*	633	003		FUEL BURNING EQUIPMENT	N	1.3E+00	3.4E-02	1.3E+00	1.2E+00
*		004		FUEL BURNING EQUIPMENT	N	1.3E+00	3.4E-02	1.3E+00	1.2E+00
	670	046		FUEL BURNING EQUIPMENT	N	5.3E+00	1.2E+01	6.7E+00	2.9E+01
		053		FUEL BURNING EQUIPMENT	N	5.3E+00	1.2E+01	6.7E+00	2.9E+01
	674	007		FUEL BURNING EQUIPMENT	N	7.0E+00	9.2E-02	1.4E+01	5.7E+00
SUM						2.3E+01	2.3E+01	3.3E+01	6.9E+01
* TRA	619	008	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	6.0E+00	1.6E-01	6.0E+00	5.4E+00
*		009		FUEL BURNING EQUIPMENT	N	6.0E+00	1.6E-01	6.0E+00	5.4E+00
*	633	003		FUEL BURNING EQUIPMENT	N	6.0E+00	1.6E-01	6.0E+00	5.4E+00
*		004		FUEL BURNING EQUIPMENT	N	6.0E+00	1.6E-01	6.0E+00	5.4E+00
	670	046		FUEL BURNING EQUIPMENT	N	2.0E+01	4.5E+01	2.6E+01	1.1E+02
		053		FUEL BURNING EQUIPMENT	N	2.0E+01	4.4E+01	2.6E+01	1.1E+02
	674	007		FUEL BURNING EQUIPMENT	N	3.3E+01	4.3E-01	6.5E+01	2.7E+01
SUM						9.8E+01	9.0E+01	1.4E+02	2.7E+02
* TRA	619	008	PARTICULATE	FUEL BURNING EQUIPMENT	N	4.3E-01	1.1E-02	4.3E-01	3.8E-01
*		009		FUEL BURNING EQUIPMENT	N	4.3E-01	1.1E-02	4.3E-01	3.8E-01
*	633	003		FUEL BURNING EQUIPMENT	N	4.3E-01	1.1E-02	4.3E-01	3.8E-01
*		004		FUEL BURNING EQUIPMENT	N	4.3E-01	1.1E-02	4.3E-01	3.8E-01
*	653	028		CHEMICAL SOURCE	Y	3.6E-08	1.5E-03	7.8E-02	3.4E-01
	670	046		FUEL BURNING EQUIPMENT	N	4.5E-01	9.9E-01	5.6E-01	2.5E+00
		053		FUEL BURNING EQUIPMENT	N	4.5E-01	9.8E-01	5.6E-01	2.5E+00
	674	007		FUEL BURNING EQUIPMENT	N	2.3E+00	3.0E-02	4.6E+00	1.9E+00
	771	001		CHEMICAL SOURCE	Y	1.1E+00	5.0E+00	1.5E+00	2.4E+02
SUM						6.0E+00	7.0E+00	9.0E+00	2.5E+02
* TRA	619	008	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	4.0E-01	1.0E-02	4.0E-01	3.6E-01
*		009		FUEL BURNING EQUIPMENT	N	4.0E-01	1.0E-02	4.0E-01	3.6E-01
*	633	003		FUEL BURNING EQUIPMENT	N	4.0E-01	1.0E-02	4.0E-01	3.6E-01
*		004		FUEL BURNING EQUIPMENT	N	4.0E-01	1.0E-02	4.0E-01	3.6E-01
	670	046		FUEL BURNING EQUIPMENT	N	3.3E+00	7.3E+00	4.2E+00	1.8E+01
		053		FUEL BURNING EQUIPMENT	N	3.3E+00	7.2E+00	4.2E+00	1.8E+01
	674	007		FUEL BURNING EQUIPMENT	N	2.1E+00	2.8E-02	4.3E+00	1.8E+00
SUM						1.0E+01	1.5E+01	1.4E+01	4.0E+01
* TRA	604	035	VOC-NONMETHANE	CHEMICAL SOURCE	Y	4.3E-04	2.5E-03	4.3E-04	2.5E-03
*	614	032		CHEMICAL SOURCE	Y	5.4E-02	2.4E-01	5.4E-02	2.4E-01
*	619	006		STORAGE TANK - VOC	N	3.4E-01	1.1E-05	3.4E-01	1.1E-05
*		008		FUEL BURNING EQUIPMENT	N	4.9E-02	1.3E-03	4.9E-02	4.4E-02
*		009		FUEL BURNING EQUIPMENT	N	4.9E-02	1.3E-03	4.9E-02	4.4E-02
*	633	002		STORAGE TANK - VOC	N	3.4E-01	1.1E-05	3.4E-01	1.1E-05
*		003		FUEL BURNING EQUIPMENT	N	4.9E-02	1.3E-03	4.9E-02	4.4E-02
*		004		FUEL BURNING EQUIPMENT	N	4.9E-02	1.3E-03	4.9E-02	4.4E-02
*	661	008		CHEMICAL SOURCE	Y	2.9E-03	1.3E-02	2.9E-03	1.3E-02
*	670	046		FUEL BURNING EQUIPMENT	N	6.6E-01	1.4E+00	8.2E-01	3.6E+00
*		048		STORAGE TANK - VOC	N	3.4E-03	1.3E-06	3.4E-03	1.3E-06

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
TRA	670	053	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	N	6.6E-01	1.4E+00	8.2E-01	3.6E+00
	674	007		FUEL BURNING EQUIPMENT	N	2.7E-01	3.5E-03	5.3E-01	2.2E-01
*	727	001		STORAGE TANK - VOC	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*		002		STORAGE TANK - VOC	Y	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*		003		STORAGE TANK - VOC	N	8.9E-02	9.3E-03	8.9E-02	9.3E-03
*		004		STORAGE TANK - VOC	N	9.0E-02	1.5E-02	9.0E-02	1.5E-02
*	775	001		STORAGE TANK - VOC	N	9.0E-02	1.2E-02	9.0E-02	1.2E-02
SUM						2.8E+00	3.2E+00	3.4E+00	7.9E+00

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* WMF	603	005	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	Y	3.6E-03	2.6E-04	4.9E-03	2.1E-02
*	610	003		FUEL BURNING EQUIPMENT	Y	3.6E-03	1.2E-04	4.9E-03	2.1E-02
*		004		FUEL BURNING EQUIPMENT	Y	3.6E-04	1.3E-02	3.6E-04	1.6E-02
*	612	001		FUEL BURNING EQUIPMENT	Y	3.6E-03	1.2E-04	4.9E-03	2.1E-02
*		004		FUEL BURNING EQUIPMENT	Y	3.6E-03	1.3E-02	3.6E-03	1.6E-02
*	711	001		FUEL BURNING EQUIPMENT	Y	1.8E-03	1.2E-04	2.3E-03	1.0E-02
*		004		FUEL BURNING EQUIPMENT	Y	3.6E-03	1.3E-02	4.9E-03	2.1E-02
SUM						2.0E-02	3.9E-02	2.6E-02	1.3E-01
* WMF	603	005	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	Y	1.8E-02	1.3E-03	2.4E-02	1.0E-01
*	610	003		FUEL BURNING EQUIPMENT	Y	1.8E-02	5.7E-04	2.4E-02	1.0E-01
*		004		FUEL BURNING EQUIPMENT	Y	1.8E-03	6.2E-02	1.8E-03	7.7E-02
*	612	001		FUEL BURNING EQUIPMENT	Y	1.8E-02	5.7E-04	2.4E-02	1.0E-01
*		004		FUEL BURNING EQUIPMENT	Y	1.8E-02	6.2E-02	1.8E-02	7.7E-02
*	711	001		FUEL BURNING EQUIPMENT	Y	8.8E-03	5.7E-04	1.1E-02	5.0E-02
*		004		FUEL BURNING EQUIPMENT	Y	1.8E-02	6.2E-02	2.4E-02	1.0E-01
SUM						1.0E-01	1.9E-01	1.3E-01	6.2E-01
* WMF	603	005	PARTICULATE	FUEL BURNING EQUIPMENT	Y	8.8E-04	6.4E-05	1.2E-03	5.2E-03
*	610	003		FUEL BURNING EQUIPMENT	Y	8.8E-04	2.8E-05	1.2E-03	5.2E-03
*		004		FUEL BURNING EQUIPMENT	Y	8.8E-05	3.1E-03	8.8E-05	3.9E-03
*	612	001		FUEL BURNING EQUIPMENT	Y	8.8E-04	2.8E-05	1.2E-03	5.2E-03
*		004		FUEL BURNING EQUIPMENT	Y	8.8E-04	3.1E-03	8.8E-04	3.9E-03
*	711	001		FUEL BURNING EQUIPMENT	Y	4.4E-04	2.8E-05	5.7E-04	2.5E-03
*		004		FUEL BURNING EQUIPMENT	Y	8.8E-04	3.1E-03	1.2E-03	5.2E-03
SUM						4.9E-03	9.5E-03	6.3E-03	3.1E-02
* WMF	603	005	SULFUR OXIDES	FUEL BURNING EQUIPMENT	Y	1.8E-04	1.3E-05	2.4E-04	1.1E-03
*	610	003		FUEL BURNING EQUIPMENT	Y	1.8E-04	6.0E-06	2.4E-04	1.1E-03
*		004		FUEL BURNING EQUIPMENT	Y	1.8E-05	6.4E-04	1.8E-05	7.9E-04
*	612	001		FUEL BURNING EQUIPMENT	Y	1.8E-04	6.0E-06	2.4E-04	1.1E-03
*		004		FUEL BURNING EQUIPMENT	Y	1.8E-04	6.4E-04	1.8E-04	7.9E-04
*	711	001		FUEL BURNING EQUIPMENT	Y	9.0E-05	6.0E-06	1.2E-04	5.1E-04
*		004		FUEL BURNING EQUIPMENT	Y	1.8E-04	6.4E-04	2.4E-04	1.1E-03
SUM						1.0E-03	1.9E-03	1.3E-03	6.3E-03
* WMF	603	005	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	Y	9.4E-04	6.8E-05	1.3E-03	5.6E-03
*	610	003		FUEL BURNING EQUIPMENT	Y	9.4E-04	3.0E-05	1.3E-03	5.6E-03
*		004		FUEL BURNING EQUIPMENT	Y	9.4E-05	2.3E-03	9.4E-05	4.1E-03
*	612	001		FUEL BURNING EQUIPMENT	Y	9.4E-04	3.0E-05	1.3E-03	5.6E-03
*		004		FUEL BURNING EQUIPMENT	Y	9.4E-04	3.3E-03	9.4E-04	4.1E-03
*	639	002		STORAGE TANK - VOC	N	3.4E-01	7.9E-06	3.4E-01	7.9E-06
*	711	001		FUEL BURNING EQUIPMENT	Y	4.7E-04	3.0E-05	6.1E-04	2.7E-03
*		004		FUEL BURNING EQUIPMENT	Y	9.4E-04	3.3E-03	1.3E-03	5.6E-03
SUM						3.4E-01	9.2E-03	3.4E-01	3.3E-02

* Not Significant Source

EMISSION SUMMARY - 1994

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C	ACTUAL	ACTUAL	MAX	MAX
					A	HOURLY	YEARLY	HOURLY	YEARLY
					L				
					C	LBS/HR	TNS/YR	LBS/HR	TNS/YR

* Not Significant Source



EMISSION SUMMARY - 1994 - TAN

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* TAN	603	011	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	3.3E+00	4.2E-02	5.6E+00	5.6E-01
		022		FUEL BURNING EQUIPMENT	N	3.3E+00	3.9E-01	3.3E+00	2.1E+00
		027		FUEL BURNING EQUIPMENT	N	3.9E-01	2.5E-01	6.9E-01	3.0E+00
		028		FUEL BURNING EQUIPMENT	N	3.9E-01	2.2E-01	7.0E-01	3.1E+00
*	607	046		FUEL BURNING EQUIPMENT	N	4.4E+00	1.1E-01	5.8E+00	7.9E+00
*	610	002		FUEL BURNING EQUIPMENT	N	1.4E+00	2.0E-02	2.7E+00	3.6E+00
	641	034		FUEL BURNING EQUIPMENT	N	2.2E-02		2.3E-01	9.9E-01
		035		FUEL BURNING EQUIPMENT	N	2.2E-02		2.3E-01	9.9E-01
*	652	003		FUEL BURNING EQUIPMENT	N	4.9E-01	6.5E-03	9.9E-01	1.3E+00
*	665	002		FUEL BURNING EQUIPMENT	N	1.3E+00	1.7E-02	2.6E+00	3.5E+00
*	687	020		FUEL BURNING EQUIPMENT	N	2.3E-01	1.4E-03	4.7E-01	2.0E+00
SUM						1.5E+01	1.1E+00	2.3E+01	2.9E+01
* TAN	603	011	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	1.5E+01	2.0E-01	2.6E+01	2.6E+00
		022		FUEL BURNING EQUIPMENT	N	1.3E+01	1.5E+00	1.3E+01	8.5E+00
		027		FUEL BURNING EQUIPMENT	N	1.6E+00	1.0E+00	2.8E+00	1.2E+01
		028		FUEL BURNING EQUIPMENT	N	1.6E+00	8.8E-01	2.8E+00	1.2E+01
*	607	046		FUEL BURNING EQUIPMENT	N	2.0E+01	5.3E-01	2.7E+01	3.7E+01
*	610	002		FUEL BURNING EQUIPMENT	N	6.6E+00	9.1E-02	1.2E+01	1.7E+01
	641	034		FUEL BURNING EQUIPMENT	N	8.9E-02		9.0E-01	3.9E+00
		035		FUEL BURNING EQUIPMENT	N	8.9E-02		9.0E-01	3.9E+00
*	652	003		FUEL BURNING EQUIPMENT	N	2.3E+00	3.0E-02	4.6E+00	6.2E+00
*	665	002		FUEL BURNING EQUIPMENT	N	6.0E+00	7.9E-02	1.2E+01	1.6E+01
*	687	020		FUEL BURNING EQUIPMENT	N	1.1E+00	6.3E-03	2.2E+00	9.5E+00
SUM						6.8E+01	4.4E+00	1.0E+02	1.3E+02
* TAN	603	011	PARTICULATE	FUEL BURNING EQUIPMENT	N	1.1E+00	1.4E-02	1.8E+00	1.8E-01
		022		FUEL BURNING EQUIPMENT	N	1.3E+00	1.5E-01	1.3E+00	8.5E-01
		027		FUEL BURNING EQUIPMENT	N	1.6E-01	1.0E-01	2.8E-01	1.2E+00
		028		FUEL BURNING EQUIPMENT	N	1.6E-01	8.8E-02	2.8E-01	1.2E+00
*	604	022		CHEMICAL SOURCE	Y	5.2E-02	2.7E-02	1.1E-01	5.1E-01
	606	005		CHEMICAL SOURCE	Y	8.4E-01	3.8E-02	2.1E+00	8.1E-01
		026		CHEMICAL SOURCE	Y	6.4E-03	1.7E-03	1.5E-01	7.8E-02
		027		CHEMICAL SOURCE	Y	6.3E-03	1.7E-03	1.5E-01	7.8E-02
*	607	046		FUEL BURNING EQUIPMENT	N	1.4E+00	3.7E-02	1.9E+00	2.6E+00
*	610	002		FUEL BURNING EQUIPMENT	N	4.7E-01	6.4E-03	8.7E-01	1.2E+00
*	636	002		CHEMICAL SOURCE	Y	2.3E-02	9.8E-02	2.1E+00	9.0E+00
	641	034		FUEL BURNING EQUIPMENT	N	8.9E-03		9.0E-02	3.9E-01
		035		FUEL BURNING EQUIPMENT	N	8.9E-03		9.0E-02	3.9E-01
*	652	003		FUEL BURNING EQUIPMENT	N	1.6E-01	2.1E-03	3.2E-01	4.4E-01
*	665	002		FUEL BURNING EQUIPMENT	N	4.3E-01	5.5E-03	8.5E-01	1.1E+00
*	687	020		FUEL BURNING EQUIPMENT	N	7.7E-02	4.5E-04	1.5E-01	6.7E-01
SUM						6.2E+00	5.8E-01	1.3E+01	2.1E+01
* TAN	603	011	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	9.9E-01	1.3E-02	1.7E+00	1.7E-01
		022		FUEL BURNING EQUIPMENT	N	4.8E+01	5.6E+00	4.8E+01	3.1E+01
		027		FUEL BURNING EQUIPMENT	N	5.7E+00	3.6E+00	9.9E+00	4.3E+01
		028		FUEL BURNING EQUIPMENT	N	5.7E+00	3.2E+00	1.0E+01	4.4E+01
*	607	046		FUEL BURNING EQUIPMENT	N	1.3E+00	3.5E-02	1.8E+00	2.4E+00

* Not Significant Source

EMISSION SUMMARY - 1994 - TAN

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* TAN	610	002	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	4.4E-01	6.0E-03	8.1E-01	1.1E+00
	641	034		FUEL BURNING EQUIPMENT	N	3.2E-01		3.2E+00	1.4E+01
		035		FUEL BURNING EQUIPMENT	N	3.2E-01		3.2E+00	1.4E+01
*	652	003		FUEL BURNING EQUIPMENT	N	1.5E-01	2.0E-03	3.0E-01	4.1E-01
*	665	002		FUEL BURNING EQUIPMENT	N	4.0E-01	5.2E-03	7.9E-01	1.1E+00
*	687	020		FUEL BURNING EQUIPMENT	N	7.1E-02	4.2E-04	1.4E-01	6.3E-01
SUM						6.3E+01	1.2E+01	8.0E+01	1.5E+02
* TAN	603	011	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	N	1.2E-01	1.6E-03	2.1E-01	2.1E-02
		022		FUEL BURNING EQUIPMENT	N	1.3E-01	1.5E-02	1.3E-01	8.5E-02
		027		FUEL BURNING EQUIPMENT	N	2.7E-02	1.7E-02	4.7E-02	2.0E-01
		028		FUEL BURNING EQUIPMENT	N	2.7E-02	1.5E-02	4.7E-02	2.1E-01
*	604	029		CHEMICAL SOURCE	Y	1.0E-02	5.1E-03	1.0E-02	4.4E-02
*		031		CHEMICAL SOURCE	Y	1.0E-02	5.1E-03	1.0E-02	4.4E-02
	606	026		CHEMICAL SOURCE	Y	1.5E-01	7.5E-02	6.0E+00	3.1E+00
		027		CHEMICAL SOURCE	Y	1.5E-01	7.5E-02	6.0E+00	3.1E+00
*	607	046		FUEL BURNING EQUIPMENT	N	1.7E-01	4.3E-03	2.2E-01	3.0E-01
*		047		STORAGE TANK - VOC	N	5.8E-02	1.9E-06	5.8E-02	1.9E-06
*	610	001		STORAGE TANK - VOC	N	3.4E-01	4.2E-06	3.4E-01	4.2E-06
*		002		FUEL BURNING EQUIPMENT	N	5.4E-02	7.4E-04	1.0E-01	1.4E-01
*	636	002		CHEMICAL SOURCE	Y	0.0E+00	0.0E+00	8.0E+00	3.5E+01
	641	034		FUEL BURNING EQUIPMENT	N	1.5E-03		1.5E-02	6.7E-02
		035		FUEL BURNING EQUIPMENT	N	1.5E-03		1.5E-02	6.7E-02
*	652	002		STORAGE TANK - VOC	N	3.4E-01	4.2E-06	3.4E-01	4.2E-06
*		003		FUEL BURNING EQUIPMENT	N	1.9E-02	2.5E-04	3.7E-02	5.1E-02
*	665	001		STORAGE TANK - VOC	N	3.4E-01	3.7E-06	3.4E-01	3.7E-06
*		002		FUEL BURNING EQUIPMENT	N	4.9E-02	6.4E-04	9.9E-02	1.3E-01
*	687	008		STORAGE TANK - VOC	Y	3.4E-01	5.2E-05	3.4E-01	4.9E-03
*		020		FUEL BURNING EQUIPMENT	N	8.9E-03	5.2E-05	1.8E-02	7.8E-02
*	701	001		CHEMICAL SOURCE	Y		1.5E+00		1.5E+00
*	702	001		STORAGE TANK - VOC	N	6.6E-02	3.7E-02	6.6E-02	3.7E-02
*	704	001		STORAGE TANK - VOC	N	6.5E-02	5.8E-02	6.5E-02	5.8E-02
*	724	002		STORAGE TANK - VOC	N	1.2E-03	3.1E-03	1.2E-03	3.1E-03
*	759	001		STORAGE TANK - VOC	N	1.3E-01	2.4E-04	1.3E-01	2.4E-04
*	766	001		STORAGE TANK - VOC	N	0.0E+00	0.0E+00	0.0E+00	0.0E+00
*	767A	001		STORAGE TANK - VOC	N	5.8E-02	1.5E-04	5.8E-02	1.5E-04
*	767B	001		STORAGE TANK - VOC	N	5.8E-02	1.5E-04	5.8E-02	1.5E-04
*	783	001		STORAGE TANK - VOC	N	3.2E+01	1.5E-01	3.2E+01	1.5E-01
*	792	001		STORAGE TANK - VOC	N	5.8E-02	3.6E-04	5.8E-02	3.6E-04
*	794	001		STORAGE TANK - VOC	N	5.8E-02	2.9E-06	5.8E-02	2.9E-06
*	797	001		STORAGE TANK - VOC	N	5.8E-02	3.1E-06	5.8E-02	3.1E-06
SUM						3.5E+01	2.0E+00	5.5E+01	4.5E+01

* Not Significant Source

EMISSION SUMMARY - 1994 - SMC

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR	ACTUAL YEARLY TNS/YR	MAX HOURLY LBS/HR	MAX YEARLY TNS/YR
* TAN	675	010	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	1.6E+00	4.6E-02	4.0E+00	3.6E+00
		035		FUEL BURNING EQUIPMENT	N	1.3E-01	5.5E-02	8.4E-01	3.7E+00
		037		FUEL BURNING EQUIPMENT	N	4.7E-01	3.5E-02	8.4E-01	3.7E+00
*	679	012		FUEL BURNING EQUIPMENT	N	2.0E+00	6.4E-02	4.8E+00	4.8E-01
		067		FUEL BURNING EQUIPMENT	N	3.1E-01	6.2E-01	8.4E-01	3.7E+00
		068		FUEL BURNING EQUIPMENT	N	2.1E-01	4.3E-01	8.4E-01	3.7E+00
	681	023		CHEMICAL SOURCE	Y	3.1E-01	7.5E-03	3.1E-01	2.0E-02
SUM						5.0E+00	1.3E+00	1.2E+01	1.9E+01
TAN	607	119	NITROGEN OXIDES	CHEMICAL SOURCE	Y	3.1E-02	3.0E-02	3.1E-02	3.0E-02
*	675	010		FUEL BURNING EQUIPMENT	N	7.6E+00	2.1E-01	1.9E+01	1.7E+01
		035		FUEL BURNING EQUIPMENT	N	5.4E-01	2.2E-01	3.4E+00	1.5E+01
		037		FUEL BURNING EQUIPMENT	N	1.9E+00	1.4E-01	3.4E+00	1.5E+01
*	679	012		FUEL BURNING EQUIPMENT	N	9.2E+00	3.0E-01	2.2E+01	2.2E+00
		067		FUEL BURNING EQUIPMENT	N	1.2E+00	2.5E+00	3.4E+00	1.5E+01
		068		FUEL BURNING EQUIPMENT	N	8.2E-01	1.7E+00	3.4E+00	1.5E+01
	681	012		CHEMICAL SOURCE	Y	5.2E-02	4.8E-03	2.1E+01	5.7E+00
		023		CHEMICAL SOURCE	Y	9.4E-02	2.3E-03	9.4E-02	9.6E-02
SUM						2.1E+01	5.1E+00	7.5E+01	8.4E+01
TAN	607	039	PARTICULATE	CHEMICAL SOURCE	Y	3.0E-05	1.3E-07	8.0E-03	6.3E-03
*		041		CHEMICAL SOURCE	Y	5.1E-04	3.1E-04	5.6E-03	5.9E-03
	629	002		CHEMICAL SOURCE	Y	3.5E-05	1.7E-07	1.9E-01	1.1E-01
		012		CHEMICAL SOURCE	Y	2.2E-04	7.8E-06	5.0E-01	2.5E-01
		014		CHEMICAL SOURCE	Y	2.2E-04	7.8E-06	5.0E-01	2.5E-01
*	675	010		FUEL BURNING EQUIPMENT	N	5.3E-01	1.5E-02	1.3E+00	1.2E+00
		035		FUEL BURNING EQUIPMENT	N	5.4E-02	2.2E-02	3.4E-01	1.5E+00
		037		FUEL BURNING EQUIPMENT	N	1.9E-01	1.4E-02	3.4E-01	1.5E+00
*	679	012		FUEL BURNING EQUIPMENT	N	6.5E-01	2.1E-02	1.6E+00	1.6E-01
		067		FUEL BURNING EQUIPMENT	N	1.2E-01	2.5E-01	3.4E-01	1.5E+00
		068		FUEL BURNING EQUIPMENT	N	8.2E-02	1.7E-01	3.4E-01	1.5E+00
	681	023		CHEMICAL SOURCE	Y	2.2E-01	5.3E-03	2.2E-01	2.5E-01
SUM						1.8E+00	5.0E-01	5.7E+00	8.1E+00
* TAN	675	010	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	5.0E-01	1.4E-02	1.2E+00	1.1E+00
		035		FUEL BURNING EQUIPMENT	N	1.9E+00	8.0E-01	1.2E+01	5.3E+01
		037		FUEL BURNING EQUIPMENT	N	6.7E+00	5.0E-01	1.2E+01	5.3E+01
*	679	012		FUEL BURNING EQUIPMENT	N	6.1E-01	1.9E-02	1.5E+00	1.5E-01
		067		FUEL BURNING EQUIPMENT	N	4.4E+00	8.9E+00	1.2E+01	5.3E+01
		068		FUEL BURNING EQUIPMENT	N	3.0E+00	6.2E+00	1.2E+01	5.3E+01
	681	023		CHEMICAL SOURCE	Y	7.8E-02	1.9E-03	7.8E-02	1.9E-03
SUM						1.7E+01	1.6E+01	5.1E+01	2.1E+02
TAN	607	039	VOC-NONMETHANE	CHEMICAL SOURCE	Y	3.9E-02	1.6E-04	5.0E-02	6.0E-03
		119		CHEMICAL SOURCE	Y	8.9E-04	8.7E-04	8.2E-02	4.0E-03
	629	002		CHEMICAL SOURCE	Y	4.6E-02	2.2E-04	7.3E-02	4.0E-02
		012		CHEMICAL SOURCE	Y	1.5E+00	5.2E-02	4.0E+00	2.1E+00
		014		CHEMICAL SOURCE	Y	1.5E+00	5.2E-02	4.0E+00	2.1E+00
*	675	010		FUEL BURNING EQUIPMENT	N	6.2E-02	1.7E-03	1.5E-01	1.4E-01

* Not Significant Source

EMISSION SUMMARY - 1994 - SMC

EMISSION SUMMARY - 1994 - SMC						C				
AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	A	ACTUAL	ACTUAL	MAX	MAX	
					L	HOURLY	YEARLY	HOURLY	YEARLY	
					C	LBS/HR	TNS/YR	LBS/HR	TNS/YR	
*	TAN	675	021	VOC-NONMETHANE	STORAGE TANK - VOC	N	5.8E-02	1.8E-04	5.8E-02	1.8E-04
*			024		STORAGE TANK - VOC	N	0.0E+00	0.0E+00	0.0E+00	0.0E+00
			035		FUEL BURNING EQUIPMENT	N	5.4E-03	2.2E-03	3.4E-02	1.5E-01
			037		FUEL BURNING EQUIPMENT	N	1.9E-02	1.4E-03	3.4E-02	1.5E-01
*		679	012		FUEL BURNING EQUIPMENT	N	7.5E-02	2.4E-03	1.8E-01	1.8E-02
			067		FUEL BURNING EQUIPMENT	N	1.2E-02	2.5E-02	3.4E-02	1.5E-01
			068		FUEL BURNING EQUIPMENT	N	8.2E-03	1.7E-02	3.4E-02	1.5E-01
*			069		STORAGE TANK - VOC	N	6.9E-03	1.2E-03	6.9E-03	1.2E-03
*			084		STORAGE TANK - VOC	N	3.5E-02	1.4E-05	3.5E-02	1.4E-05
*		681	004		STORAGE TANK - VOC	N	5.8E-02	2.0E-03	5.8E-02	2.0E-03
			023		CHEMICAL SOURCE	Y	9.4E-02	2.3E-03	9.4E-02	5.3E-03
SUM							3.5E+00	1.6E-01	8.9E+00	4.9E+00

* Not Significant Source

Summary of HAP Emissions for 1994

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				Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr	
	AREA	BLDG	VENT	Toxic				
*	ANL	701	009	1,3-Butadiene	1.73E-03	2.07E-05	2.62E-02	7.08E-02
*				Arsenic	8.50E-06	1.02E-07	1.29E-04	3.49E-04
*				Benzene	1.95E-03	2.34E-05	2.96E-02	7.99E-02
*				Chromium Compounds	1.49E-05	1.79E-07	2.26E-04	6.10E-04
*				Lead Compounds	1.17E-04	1.40E-06	1.78E-03	4.80E-03
*				Manganese	1.49E-05	1.79E-07	2.26E-04	6.10E-04
*				Mercury Compounds	4.25E-06	5.10E-08	6.46E-05	1.74E-04
*				Nickel	6.38E-06	7.65E-08	9.69E-05	2.62E-04
*				Selenium Compounds	4.25E-06	5.10E-08	6.46E-05	1.74E-04
		707	002	1,3-Butadiene	6.90E-03	1.04E-04	7.83E-03	7.05E-03
				Arsenic	3.40E-05	5.10E-07	3.86E-05	3.47E-05
				Benzene	7.79E-03	1.17E-04	8.84E-03	7.96E-03
				Chromium Compounds	5.95E-05	8.92E-07	6.75E-05	6.08E-05
				Lead Compounds	4.68E-04	7.01E-06	5.31E-04	4.78E-04
				Manganese	5.95E-05	8.92E-07	6.75E-05	6.08E-05
				Mercury Compounds	1.70E-05	2.55E-07	1.93E-05	1.74E-05
				Nickel	2.55E-05	3.83E-07	2.89E-05	2.60E-05
				Selenium Compounds	1.70E-05	2.55E-07	1.93E-05	1.74E-05
		709	008	1,3-Butadiene	8.34E-03	5.75E-05	1.53E-02	6.72E-02
				Arsenic	3.27E-06	2.26E-08	6.02E-06	2.64E-05
				Benzene	9.42E-03	6.49E-05	1.73E-02	7.58E-02
				Chromium Compounds	5.72E-06	3.95E-08	1.05E-05	4.61E-05
				Lead Compounds	4.50E-05	3.10E-07	8.27E-05	3.62E-04
				Manganese	5.72E-06	3.95E-08	1.05E-05	4.61E-05
				Mercury Compounds	1.64E-06	1.13E-08	3.01E-06	1.32E-05
				Nickel	2.45E-06	1.69E-08	4.51E-06	1.98E-05
				Selenium Compounds	1.64E-06	1.13E-08	3.01E-06	1.32E-05
			016	1,3-Butadiene	9.59E-03	7.67E-05	1.92E-02	8.40E-02
				Arsenic	3.76E-06	3.01E-08	7.52E-06	3.29E-05
				Benzene	1.08E-02	8.66E-05	2.16E-02	9.48E-02
				Chromium Compounds	6.58E-06	5.26E-08	1.32E-05	5.76E-05
				Lead Compounds	5.17E-05	4.14E-07	1.03E-04	4.53E-04
				Manganese	6.58E-06	5.26E-08	1.32E-05	5.76E-05
				Mercury Compounds	1.88E-06	1.50E-08	3.76E-06	1.65E-05
				Nickel	2.82E-06	2.26E-08	5.64E-06	2.47E-05
				Selenium Compounds	1.88E-06	1.50E-08	3.76E-06	1.65E-05
		720	007	Cadmium	1.14E-09	5.00E-09	1.14E-09	5.00E-09
*			017	1,3-Butadiene	1.38E-03	3.45E-05	2.93E-03	7.92E-03
*				Arsenic	6.80E-06	1.70E-07	1.45E-05	3.90E-05
*				Benzene	1.56E-03	3.89E-05	3.31E-03	8.94E-03
*				Chromium Compounds	1.19E-05	2.98E-07	2.53E-05	6.83E-05

* Not Significant Source

Summary of HAP Emissions for 1994

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				Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
	AREA	BLDG	VENT	Toxic			
*	ANL	720	017	Lead Compounds	9.35E-05	2.34E-06	1.99E-04
*				Manganese	1.19E-05	2.98E-07	2.53E-05
*				Mercury Compounds	3.40E-06	8.50E-08	7.22E-06
*				Nickel	5.10E-06	1.28E-07	1.08E-05
*				Selenium Compounds	3.40E-06	8.50E-08	7.22E-06
	752	004		Antimony	8.94E-10	3.92E-09	8.94E-10
				Arsenic	1.14E-12	5.00E-12	1.14E-12
				Cadmium	1.31E-09	5.74E-09	1.31E-09
				cobalt cmpds	1.51E-10	6.63E-10	1.51E-10
				Dibutyl phthalate	1.00E-10	4.40E-10	1.00E-10
				Formaldehyde	8.16E-10	3.57E-09	8.16E-10
				Hydrochloric acid	1.70E-09	7.44E-09	1.70E-09
				hydrogen fluoride (hydroflu	4.14E-10	1.82E-09	4.14E-10
				Lead Compounds	6.85E-11	3.00E-10	6.85E-11
				Manganese	4.05E-10	1.77E-09	4.05E-10
				NA Beryllium Compounds	2.28E-12	1.00E-11	2.28E-12
				Nickel	6.74E-11	2.95E-10	6.74E-11
				Selenium Compounds	7.42E-12	3.25E-11	7.42E-12
		005		Antimony	8.94E-10	3.92E-09	8.94E-10
				Arsenic	1.14E-12	5.00E-12	1.14E-12
				Cadmium	1.31E-09	5.74E-09	1.31E-09
				cobalt cmpds	1.51E-10	6.63E-10	1.51E-10
				Dibutyl phthalate	1.00E-10	4.40E-10	1.00E-10
				Formaldehyde	8.16E-10	3.57E-09	8.16E-10
				Hydrochloric acid	1.70E-09	7.44E-09	1.70E-09
				hydrogen fluoride (hydroflu	4.14E-10	1.82E-09	4.14E-10
				Lead Compounds	6.85E-11	3.00E-10	6.85E-11
				Manganese	4.05E-10	1.77E-09	4.05E-10
				NA Beryllium Compounds	2.28E-12	1.00E-11	2.28E-12
				Nickel	6.74E-11	2.95E-10	6.74E-11
				Selenium Compounds	7.42E-12	3.25E-11	7.42E-12
	752A	001		1,3-Butadiene	5.87E-03	5.78E-05	8.80E-03
				Arsenic	2.89E-05	2.85E-07	4.34E-05
				Benzene	6.62E-03	6.52E-05	9.93E-03
				Chromium Compounds	5.06E-05	4.98E-07	7.59E-05
				Lead Compounds	3.97E-04	3.92E-06	5.96E-04
				Manganese	5.06E-05	4.98E-07	7.59E-05
				Mercury Compounds	1.45E-05	1.42E-07	2.17E-05
				Nickel	2.17E-05	2.14E-07	3.25E-05
				Selenium Compounds	1.45E-05	1.42E-07	2.17E-05
*	754	003		1,3-Butadiene	6.56E-04	1.90E-05	1.31E-03

* Not Significant Source

Summary of HAP Emissions for 1994

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AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
* ANL	754	003	Arsenic	3.23E-06	9.35E-08	6.46E-06	2.83E-05
*			Benzene	7.40E-04	2.14E-05	1.48E-03	6.48E-03
*			Chromium Compounds	5.65E-06	1.64E-07	1.13E-05	4.95E-05
*			Lead Compounds	4.44E-05	1.29E-06	8.88E-05	3.89E-04
*			Manganese	5.65E-06	1.64E-07	1.13E-05	4.95E-05
*			Mercury Compounds	1.62E-06	4.68E-08	3.23E-06	1.41E-05
*			Nickel	2.42E-06	7.01E-08	4.85E-06	2.12E-05
*			Selenium Compounds	1.62E-06	4.68E-08	3.23E-06	1.41E-05
*	768	003	1,3-Butadiene	6.21E-03	8.63E-05	1.24E-02	1.24E-03
*			Arsenic	3.06E-05	4.25E-07	6.12E-05	6.12E-06
*			Benzene	7.01E-03	9.74E-05	1.40E-02	1.40E-03
*			Chromium Compounds	5.35E-05	7.44E-07	1.07E-04	1.07E-05
*			Lead Compounds	4.21E-04	5.84E-06	8.41E-04	8.42E-05
*			Manganese	5.35E-05	7.44E-07	1.07E-04	1.07E-05
*			Mercury Compounds	1.53E-05	2.13E-07	3.06E-05	3.06E-06
*			Nickel	2.30E-05	3.19E-07	4.59E-05	4.59E-06
*			Selenium Compounds	1.53E-05	2.13E-07	3.06E-05	3.06E-06
		022	Antimony	1.50E-04	1.44E-04	1.96E-04	8.58E-04
			Arsenic	6.71E-05	6.45E-05	8.77E-05	3.84E-04
			Cadmium	5.14E-05	4.95E-05	6.73E-05	2.95E-04
			Chromium Compounds	1.25E-04	1.20E-04	1.64E-04	7.17E-04
			Formaldehyde	1.27E-02	1.22E-02	1.66E-02	7.25E-02
			Hexane (n-Hexane)	2.81E-03	2.70E-03	3.67E-03	1.61E-02
			Lead Compounds	2.71E-04	2.60E-04	3.54E-04	1.55E-03
			Manganese	1.21E-04	1.16E-04	1.58E-04	6.92E-04
			Mercury Compounds	1.34E-05	1.29E-05	1.75E-05	7.68E-05
			Nickel	1.37E-02	1.31E-02	1.79E-02	7.82E-02
			Selenium Compounds	1.34E-05	1.29E-05	1.75E-05	7.68E-05
		024	Antimony	1.50E-04	1.44E-04	1.96E-04	8.58E-04
			Arsenic	6.71E-05	6.45E-05	8.77E-05	3.84E-04
			Cadmium	5.14E-05	4.95E-05	6.73E-05	2.95E-04
			Chromium Compounds	1.25E-04	1.20E-04	1.64E-04	7.17E-04
			Formaldehyde	1.27E-02	1.22E-02	1.66E-02	7.25E-02
			Hexane (n-Hexane)	2.81E-03	2.70E-03	3.67E-03	1.61E-02
			Lead Compounds	2.71E-04	2.60E-04	3.54E-04	1.55E-03
			Manganese	1.21E-04	1.16E-04	1.58E-04	6.92E-04
			Mercury Compounds	1.34E-05	1.29E-05	1.75E-05	7.68E-05
			Nickel	1.37E-02	1.31E-02	1.79E-02	7.82E-02
			Selenium Compounds	1.34E-05	1.29E-05	1.75E-05	7.68E-05
		027	Antimony	1.54E-04	1.44E-04	1.94E-04	8.48E-04
			Arsenic	6.91E-05	6.45E-05	8.67E-05	3.80E-04

* Not Significant Source

Summary of HAP Emissions for 1994

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AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
ANL	768	027	Cadmium	5.30E-05	4.95E-05	6.65E-05	2.91E-04
			Chromium Compounds	1.29E-04	1.20E-04	1.62E-04	7.09E-04
			Formaldehyde	1.31E-02	1.22E-02	1.64E-02	7.17E-02
			Hexane (n-Hexane)	2.89E-03	2.70E-03	3.63E-03	1.59E-02
			Lead Compounds	2.79E-04	2.60E-04	3.50E-04	1.53E-03
			Manganese	1.24E-04	1.16E-04	1.56E-04	6.83E-04
			Mercury Compounds	1.38E-05	1.29E-05	1.73E-05	7.59E-05
			Nickel	1.41E-02	1.31E-02	1.77E-02	7.73E-02
			Selenium Compounds	1.38E-05	1.29E-05	1.73E-05	7.59E-05
		028	1,3-Butadiene	3.11E-03	2.59E-05	3.11E-03	8.39E-03
			Arsenic	1.53E-05	1.28E-07	1.53E-05	4.13E-05
			Benzene	3.51E-03	2.92E-05	3.51E-03	9.46E-03
			Chromium Compounds	2.68E-05	2.23E-07	2.68E-05	7.23E-05
			Lead Compounds	2.10E-04	1.75E-06	2.10E-04	5.68E-04
			Manganese	2.68E-05	2.23E-07	2.68E-05	7.23E-05
			Mercury Compounds	7.65E-06	6.38E-08	7.65E-06	2.07E-05
			Nickel	1.15E-05	9.56E-08	1.15E-05	3.10E-05
			Selenium Compounds	7.65E-06	6.38E-08	7.65E-06	2.07E-05
		034	Antimony	1.73E-04	1.67E-04	2.15E-04	9.44E-04
			Arsenic	7.74E-05	7.48E-05	9.65E-05	4.23E-04
			Cadmium	5.93E-05	5.74E-05	7.40E-05	3.24E-04
			Chromium Compounds	1.44E-04	1.40E-04	1.80E-04	7.89E-04
			Formaldehyde	1.46E-02	1.41E-02	1.82E-02	7.98E-02
			Hexane (n-Hexane)	3.24E-03	3.13E-03	4.04E-03	1.77E-02
			Lead Compounds	3.12E-04	3.02E-04	3.89E-04	1.70E-03
			Manganese	1.39E-04	1.35E-04	1.74E-04	7.61E-04
			Mercury Compounds	1.55E-05	1.50E-05	1.93E-05	8.45E-05
			Nickel	1.58E-02	1.52E-02	1.96E-02	8.61E-02
			Selenium Compounds	1.55E-05	1.50E-05	1.93E-05	8.45E-05
*	774	001	1,3-Butadiene	1.52E-03	1.97E-05	3.00E-03	8.11E-03
*			Arsenic	7.48E-06	9.69E-08	1.48E-05	3.99E-05
*			Benzene	1.71E-03	2.22E-05	3.39E-03	9.15E-03
*			Chromium Compounds	1.31E-05	1.70E-07	2.59E-05	6.99E-05
*			Lead Compounds	1.03E-04	1.33E-06	2.03E-04	5.49E-04
*			Manganese	1.31E-05	1.70E-07	2.59E-05	6.99E-05
*			Mercury Compounds	3.74E-06	4.85E-08	7.40E-06	2.00E-05
*			Nickel	5.61E-06	7.27E-08	1.11E-05	2.99E-05
*			Selenium Compounds	3.74E-06	4.85E-08	7.40E-06	2.00E-05
	784	010	NA Beryllium Compounds	6.05E-07	2.65E-06	6.05E-07	2.65E-06
*	785	017	1,3-Butadiene	1.83E-03	3.28E-05	3.66E-03	4.94E-03
*			Arsenic	9.01E-06	1.62E-07	1.80E-05	2.43E-05

* Not Significant Source

Summary of HAP Emissions for 1994

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				Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr	
AREA	BLDG	VENT	Toxic					
*	ANL	785	017	Benzene	2.06E-03	3.70E-05	4.13E-03	5.57E-03
*				Chromium Compounds	1.58E-05	2.83E-07	3.15E-05	4.26E-05
*				Lead Compounds	1.24E-04	2.22E-06	2.48E-04	3.34E-04
*				Manganese	1.58E-05	2.83E-07	3.15E-05	4.26E-05
*				Mercury Compounds	4.51E-06	8.07E-08	9.01E-06	1.22E-05
*				Nickel	6.76E-06	1.21E-07	1.35E-05	1.82E-05
*				Selenium Compounds	4.51E-06	8.07E-08	9.01E-06	1.22E-05

* Not Significant Source

Summary of HAP Emissions for 1994

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				Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
AREA	BLDG	VENT	Toxic				
*	B08	601	003	1,3-Butadiene	8.63E-04	1.12E-05	1.73E-03
*				Arsenic	4.25E-06	5.53E-08	8.50E-06
*				Benzene	9.74E-04	1.27E-05	1.95E-03
*				Chromium Compounds	7.44E-06	9.67E-08	1.49E-05
*				Lead Compounds	5.84E-05	7.60E-07	1.17E-04
*				Manganese	7.44E-06	9.67E-08	1.49E-05
*				Mercury Compounds	2.13E-06	2.76E-08	4.25E-06
*				Nickel	3.19E-06	4.14E-08	6.38E-06
*				Selenium Compounds	2.13E-06	2.76E-08	4.25E-06

* Not Significant Source

Summary of HAP Emissions for 1994

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					Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
* AREA	BLDG	VENT	Toxic					
	B21	608	012	Lead Compounds	2.00E-06	3.00E-06	2.00E-06	1.10E-05

* Not Significant Source

Summary of HAP Emissions for 1994

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	AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
*	B27	601	001	1,3-Butadiene	8.63E-04	1.12E-06	1.73E-03	7.56E-03
*				Arsenic	4.25E-06	5.52E-09	8.50E-06	3.72E-05
*				Benzene	9.74E-04	1.27E-06	1.95E-03	8.53E-03
*				Chromium Compounds	7.44E-06	9.67E-09	1.49E-05	6.52E-05
*				Lead Compounds	5.84E-05	7.60E-08	1.17E-04	5.12E-04
*				Manganese	7.44E-06	9.67E-09	1.49E-05	6.52E-05
*				Mercury Compounds	2.13E-06	2.76E-09	4.25E-06	1.86E-05
*				Nickel	3.19E-06	4.14E-09	6.38E-06	2.79E-05
*				Selenium Compounds	2.13E-06	2.76E-09	4.25E-06	1.86E-05

* Not Significant Source

Summary of HAP Emissions for 1994

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AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
* CFA	1603	001	1,3-Butadiene	3.59E-03	4.66E-05	3.59E-03	9.69E-03
*			Arsenic	1.77E-05	2.30E-07	1.77E-05	4.77E-05
*			Benzene	4.05E-03	5.26E-05	4.05E-03	1.09E-02
*			Chromium Compounds	3.09E-05	4.02E-07	3.09E-05	8.35E-05
*			Lead Compounds	2.43E-04	3.16E-06	2.43E-04	6.56E-04
*			Manganese	3.09E-05	4.02E-07	3.09E-05	8.35E-05
*			Mercury Compounds	8.84E-06	1.15E-07	8.84E-06	2.39E-05
*			Nickel	1.33E-05	1.72E-07	1.33E-05	3.58E-05
*			Selenium Compounds	8.84E-06	1.15E-07	8.84E-06	2.39E-05
*	604	001	1,3-Butadiene	6.90E-04	1.04E-05	3.45E-03	1.51E-02
*			Arsenic	3.40E-06	5.10E-08	1.70E-05	7.45E-05
*			Benzene	7.79E-04	1.17E-05	3.89E-03	1.71E-02
*			Chromium Compounds	5.95E-06	8.93E-08	2.98E-05	1.30E-04
*			Lead Compounds	4.68E-05	7.01E-07	2.34E-04	1.02E-03
*			Manganese	5.95E-06	8.93E-08	2.98E-05	1.30E-04
*			Mercury Compounds	1.70E-06	2.55E-08	8.50E-06	3.72E-05
*			Nickel	2.55E-06	3.83E-08	1.28E-05	5.58E-05
*			Selenium Compounds	1.70E-06	2.55E-08	8.50E-06	3.72E-05
	607	004	Lead Compounds				
	608	001	Antimony	1.31E-06	7.33E-06	1.23E-05	5.40E-05
			Arsenic	5.88E-07	3.28E-06	5.52E-06	2.42E-05
			Cadmium	4.51E-07	2.52E-06	4.23E-06	1.85E-05
			Chromium Compounds	1.10E-06	6.13E-06	1.03E-05	4.51E-05
			Formaldehyde	1.89E-04	1.05E-03	1.77E-03	7.76E-03
			Hexane (n-Hexane)	4.19E-05	2.34E-04	3.93E-04	1.72E-03
			Lead Compounds	2.37E-06	1.32E-05	2.23E-05	9.75E-05
			Manganese	1.06E-06	5.91E-06	9.94E-06	4.35E-05
			Mercury Compounds	1.18E-07	6.56E-07	1.10E-06	4.84E-06
			Nickel	1.20E-04	6.68E-04	1.12E-03	4.92E-03
			Selenium Compounds	1.18E-07	6.56E-07	1.10E-06	4.84E-06
*	609	001	1,3-Butadiene	1.95E-03	1.55E-05	5.18E-03	1.40E-02
*			Arsenic	9.61E-06	7.65E-08	2.55E-05	6.88E-05
*			Benzene	2.20E-03	1.75E-05	5.84E-03	1.58E-02
*			Chromium Compounds	1.68E-05	1.34E-07	4.46E-05	1.20E-04
*			Lead Compounds	1.32E-04	1.05E-06	3.51E-04	9.47E-04
*			Manganese	1.68E-05	1.34E-07	4.46E-05	1.20E-04
*			Mercury Compounds	4.80E-06	3.83E-08	1.28E-05	3.44E-05
*			Nickel	7.20E-06	5.74E-08	1.91E-05	5.16E-05
*			Selenium Compounds	4.80E-06	3.83E-08	1.28E-05	3.44E-05
	005		Antimony	2.24E-06	7.32E-06	1.73E-05	1.44E-05
			Arsenic	1.00E-06	3.28E-06	7.74E-06	6.45E-06

* Not Significant Source

Summary of HAP Emissions for 1994

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AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
CFA	609	005	Cadmium	7.67E-07	2.51E-06	5.93E-06	4.95E-06
			Chromium Compounds	1.87E-06	6.12E-06	1.44E-05	1.20E-05
			Formaldehyde	3.21E-04	1.05E-03	2.48E-03	2.07E-03
			Hexane (n-Hexane)	7.12E-05	2.33E-04	5.51E-04	4.59E-04
			Lead Compounds	4.04E-06	1.32E-05	3.12E-05	2.60E-05
			Manganese	1.80E-06	5.90E-06	1.39E-05	1.16E-05
			Mercury Compounds	2.00E-07	6.55E-07	1.55E-06	1.29E-06
			Nickel	2.04E-04	6.67E-04	1.58E-03	1.31E-03
			Selenium Compounds	2.00E-07	6.55E-07	1.55E-06	1.29E-06
*	612	010	Carbon disulfide	6.70E-03	2.79E-03	1.79E-02	1.86E-02
	613	003	Antimony	3.71E-07	1.22E-06	3.83E-06	1.28E-05
			Arsenic	1.66E-07	5.44E-07	1.72E-06	5.73E-06
			Cadmium	1.27E-07	4.17E-07	1.32E-06	4.39E-06
			Chromium Compounds	3.10E-07	1.02E-06	3.20E-06	1.07E-05
			Formaldehyde	8.96E-05	2.93E-04	9.25E-04	3.08E-03
			Hexane (n-Hexane)	1.99E-05	6.50E-05	2.05E-04	6.83E-04
			Lead Compounds	6.70E-07	2.20E-06	6.92E-06	2.31E-05
			Manganese	2.99E-07	9.80E-07	3.09E-06	1.03E-05
			Mercury Compounds	3.32E-08	1.09E-07	3.43E-07	1.15E-06
			Nickel	3.38E-05	1.11E-04	3.49E-04	1.17E-03
			Selenium Compounds	3.32E-08	1.09E-07	3.43E-07	1.15E-06
*	623	005	Chromium Compounds	8.00E-05	3.50E-04	2.90E-04	1.27E-03
*			Ethylene glycol vapor (CL)	4.00E-03	1.75E-02	1.45E-02	6.35E-02
*			Ethylene oxide	8.00E-05	3.50E-04	2.90E-04	1.27E-03
*			Formaldehyde	8.00E-05	3.50E-04	2.90E-04	1.27E-03
*			Lead Compounds	8.00E-05	3.50E-04	2.90E-04	1.27E-03
*			Toluene (toluol)	7.76E-02	3.40E-01	2.81E-01	1.23E+00
*			Vinyl acetate	8.00E-05	3.50E-04	2.90E-04	1.27E-03
*			Xylene (o-, m-, p-isomers)	3.60E-02	1.58E-01	1.31E-01	5.72E-01
*		017	Chromium Compounds	1.73E-04	7.58E-04	1.73E-04	7.58E-04
*			Ethylene glycol vapor (CL)	4.00E-03	1.75E-02	4.00E-03	1.75E-02
*			Ethylene oxide	8.01E-05	3.51E-04	8.01E-05	3.51E-04
*			Formaldehyde	8.01E-05	3.51E-04	8.01E-05	3.51E-04
*			Lead Compounds	1.73E-04	7.58E-04	1.73E-04	7.58E-04
*			Toluene (toluol)	1.17E-01	5.11E-01	1.17E-01	5.11E-01
*			Vinyl acetate	8.01E-05	3.51E-04	8.01E-05	3.51E-04
*			Xylene (o-, m-, p-isomers)	6.92E-03	3.03E-02	6.92E-03	3.03E-02
*	625	009	1,1,1 - Trichloroethane, see	7.00E-03	7.00E-03	7.00E-03	1.45E+00
*			1,1,2,2-tetrachloroethane	1.10E-03	1.10E-03	1.10E-03	2.20E-01
*			1,2,4-trichlorobenzene	1.00E-03	1.00E-03	1.00E-03	2.30E-01
*			1,2-Diphenyl hydrazine	6.00E-03	6.00E-03	6.00E-03	1.20E-01

* Not Significant Source

Summary of HAP Emissions for 1994

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					Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
AREA	BLDG	VENT	Toxic					
*	CFA	625	009	1,4-Dichlorobenzene	8.00E-04	8.00E-04	8.00E-04	1.70E-01
*				2,2,4-Trimethylpentane	3.05E+00	3.05E+00	3.05E+00	6.10E+00
*				2,4,6 - Trichlorophenol	1.10E-01	1.10E-01	1.10E-01	2.20E-01
*				2,4-dinitrotoluene	2.00E-03	2.00E-03	2.00E-03	4.00E-03
*				2-Butanone, see Methyl eth	1.80E-02	1.80E-02	1.80E-02	3.60E-02
*				4-nitrophenol	1.00E-03	1.00E-03	1.00E-03	2.00E-03
*				Aniline	2.20E-02	2.20E-02	2.20E-02	4.40E-02
*				Benzene	2.00E-03	2.00E-03	2.00E-03	4.00E-03
*				Bromoform	1.00E-03	1.00E-03	1.00E-03	2.00E-03
*				Cadmium	6.20E-03	6.20E-03	6.20E-03	2.44E-02
*				chlorobenzene (monochlor	1.00E-03	1.00E-03	1.00E-03	2.00E-03
*				Chloroform	1.00E-03	1.00E-03	1.00E-03	2.00E-03
*				Chromium Compounds	1.00E-03	1.00E-03	1.00E-03	2.00E-03
*				Ethyl benzene	2.00E-01	2.00E-01	2.00E-01	4.00E-01
*				Hexane (n-Hexane)	3.70E+00	3.70E+00	3.70E+00	7.00E+00
*				Hydrochloric acid	1.80E+01	1.80E+01	1.80E+01	3.60E+01
*				Lead Compounds	2.26E-01	2.26E-01	2.26E-01	4.52E-01
*				m-Xylene a,a-diamine (CL)	2.20E-02	2.20E-02	2.20E-02	4.40E-02
*				Nickel	1.62E-01	1.62E-01	1.62E-01	3.24E-01
*				o-xylenes	2.20E-02	2.20E-02	2.20E-02	4.40E-02
*				p-Cresol	2.00E-03	2.00E-03	2.00E-03	4.00E-03
*				p-xylenes	2.00E-02	2.00E-02	2.00E-02	4.00E-02
*				Pentachloronitrobenzene	4.00E-02	4.00E-02	4.00E-02	8.00E-02
*				Phenol	1.10E-01	1.10E-01	1.10E-01	2.20E-01
*				Selenium Compounds	5.00E-03	5.00E-03	5.00E-03	1.00E-02
*				Toluene (toluol)	1.00E-03	1.00E-03	1.00E-03	2.00E-03
*				Trichloroethylene	1.00E-03	1.00E-03	1.00E-03	2.00E-03
*		633	091	1,3-Butadiene	0.00E+00	0.00E+00	1.97E-03	5.31E-03
*				Arsenic	0.00E+00	0.00E+00	9.69E-06	2.62E-05
*				Benzene	0.00E+00	0.00E+00	2.22E-03	5.99E-03
*				Chromium Compounds	0.00E+00	0.00E+00	1.70E-05	4.58E-05
*				Lead Compounds	0.00E+00	0.00E+00	1.33E-04	3.60E-04
*				Manganese	0.00E+00	0.00E+00	1.70E-05	4.58E-05
*				Mercury Compounds	0.00E+00	0.00E+00	4.85E-06	1.31E-05
*				Nickel	0.00E+00	0.00E+00	7.27E-06	1.96E-05
*				Selenium Compounds	0.00E+00	0.00E+00	4.85E-06	1.31E-05
		650	007	Antimony	1.60E-06	5.23E-06	3.34E-05	1.09E-04
				Arsenic	7.15E-07	2.34E-06	1.50E-05	4.90E-05
				Cadmium	5.48E-07	1.79E-06	1.15E-05	3.76E-05
				Chromium Compounds	1.33E-06	4.37E-06	2.79E-05	9.15E-05
				Formaldehyde	2.29E-04	7.50E-04	4.80E-03	1.57E-02

* Not Significant Source

Summary of HAP Emissions for 1994

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AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr	
CFA	650	007	Hexane (n-Hexane)	5.09E-05	1.66E-04	1.06E-03	3.49E-03	
			Lead Compounds	2.88E-06	9.44E-06	6.04E-05	1.98E-04	
			Manganese	1.29E-06	4.21E-06	2.69E-05	8.82E-05	
			Mercury Compounds	1.43E-07	4.68E-07	2.99E-06	9.80E-06	
			Nickel	1.46E-04	4.77E-04	3.05E-03	9.98E-03	
			Selenium Compounds	1.43E-07	4.68E-07	2.99E-06	9.80E-06	
	662	011	Antimony	3.83E-06	1.26E-05	1.67E-05	5.47E-05	
			Arsenic	1.71E-06	5.62E-06	7.48E-06	2.45E-05	
			Cadmium	1.31E-06	4.31E-06	5.74E-06	1.88E-05	
			Chromium Compounds	3.20E-06	1.05E-05	1.40E-05	4.58E-05	
			Formaldehyde	5.50E-04	1.80E-03	2.40E-03	7.89E-03	
			Hexane (n-Hexane)	1.22E-04	4.00E-04	5.32E-04	1.75E-03	
			Lead Compounds	6.91E-06	2.27E-05	3.02E-05	9.89E-05	
			Manganese	3.08E-06	1.01E-05	1.35E-05	4.41E-05	
			Mercury Compounds	3.43E-07	1.12E-06	1.50E-06	4.90E-06	
			Nickel	3.49E-04	1.15E-03	1.52E-03	4.99E-03	
			Selenium Compounds	3.43E-07	1.12E-06	1.50E-06	4.90E-06	
		027	Antimony	5.51E-06	1.80E-05	3.86E-05	1.26E-04	
			Arsenic	2.47E-06	8.08E-06	1.73E-05	5.65E-05	
			Cadmium	1.89E-06	6.19E-06	1.33E-05	4.33E-05	
			Chromium Compounds	4.60E-06	1.51E-05	3.23E-05	1.05E-04	
			Formaldehyde	7.89E-04	2.59E-03	5.55E-03	1.82E-02	
			Hexane (n-Hexane)	1.75E-04	5.75E-04	1.23E-03	4.03E-03	
			Lead Compounds	9.95E-06	3.26E-05	6.97E-05	2.28E-04	
			Manganese	4.44E-06	1.45E-05	3.11E-05	1.02E-04	
			Mercury Compounds	4.93E-07	1.62E-06	3.46E-06	1.13E-05	
			Nickel	5.02E-04	1.64E-03	3.52E-03	1.15E-02	
			Selenium Compounds	4.93E-07	1.62E-06	3.46E-06	1.13E-05	
*		665	028	Antimony	0.00E+00	0.00E+00	4.15E-05	1.82E-04
*			Arsenic	0.00E+00	0.00E+00	1.86E-05	8.14E-05	
*			Cadmium	0.00E+00	0.00E+00	1.42E-05	6.24E-05	
*			Chromium Compounds	0.00E+00	0.00E+00	3.47E-05	1.52E-04	
*			Formaldehyde	0.00E+00	0.00E+00	5.96E-03	2.61E-02	
*			Hexane (n-Hexane)	0.00E+00	0.00E+00	1.32E-03	5.79E-03	
*			Lead Compounds	0.00E+00	0.00E+00	7.49E-05	3.28E-04	
*			Manganese	0.00E+00	0.00E+00	3.34E-05	1.46E-04	
*			Mercury Compounds	0.00E+00	0.00E+00	3.72E-06	1.63E-05	
*			Nickel	0.00E+00	0.00E+00	3.78E-03	1.66E-02	
*			Selenium Compounds	0.00E+00	0.00E+00	3.72E-06	1.63E-05	
		029	Antimony	1.34E-05	4.15E-05	7.95E-05	2.47E-04	
			Arsenic	5.99E-06	1.86E-05	3.56E-05	1.11E-04	

* Not Significant Source

Summary of HAP Emissions for 1994

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AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
CFA	665	029	Cadmium	4.59E-06	1.43E-05	2.73E-05	8.49E-05
			Chromium Compounds	1.12E-05	3.47E-05	6.65E-05	2.07E-04
			Formaldehyde	1.13E-03	3.51E-03	6.72E-03	2.09E-02
			Hexane (n-Hexane)	2.51E-04	7.79E-04	1.49E-03	4.63E-03
			Lead Compounds	2.41E-05	7.50E-05	1.44E-04	4.46E-04
			Manganese	1.08E-05	3.35E-05	6.41E-05	1.99E-04
			Mercury Compounds	1.20E-06	3.72E-06	7.12E-06	2.21E-05
			Nickel	1.22E-03	3.79E-03	7.25E-03	2.25E-02
			Selenium Compounds	1.20E-06	3.72E-06	7.12E-06	2.21E-05
*		030	Antimony	0.00E+00	0.00E+00	4.15E-05	1.82E-04
*			Arsenic	0.00E+00	0.00E+00	1.86E-05	8.14E-05
*			Cadmium	0.00E+00	0.00E+00	1.42E-05	6.24E-05
*			Chromium Compounds	0.00E+00	0.00E+00	3.47E-05	1.52E-04
*			Formaldehyde	0.00E+00	0.00E+00	5.96E-03	2.61E-02
*			Hexane (n-Hexane)	0.00E+00	0.00E+00	1.32E-03	5.79E-03
*			Lead Compounds	0.00E+00	0.00E+00	7.49E-05	3.28E-04
*			Manganese	0.00E+00	0.00E+00	3.34E-05	1.46E-04
*			Mercury Compounds	0.00E+00	0.00E+00	3.72E-06	1.63E-05
*			Nickel	0.00E+00	0.00E+00	3.78E-03	1.66E-02
*			Selenium Compounds	0.00E+00	0.00E+00	3.72E-06	1.63E-05
*		050	Toluene (toluol)	7.77E-02	6.06E-02	1.17E-01	1.21E-01
*	668	006	1,3-Butadiene	3.88E-03	1.01E-04	7.76E-03	1.05E-02
*			Arsenic	1.91E-05	4.97E-07	3.83E-05	5.16E-05
*			Benzene	4.38E-03	1.14E-04	8.76E-03	1.18E-02
*			Chromium Compounds	3.35E-05	8.70E-07	6.69E-05	9.04E-05
*			Lead Compounds	2.63E-04	6.84E-06	5.26E-04	7.10E-04
*			Manganese	3.35E-05	8.70E-07	6.69E-05	9.04E-05
*			Mercury Compounds	9.56E-06	2.49E-07	1.91E-05	2.58E-05
*			Nickel	1.43E-05	3.73E-07	2.87E-05	3.87E-05
*			Selenium Compounds	9.56E-06	2.49E-07	1.91E-05	2.58E-05
		023	Antimony	1.88E-06	6.17E-06	3.68E-06	1.20E-05
			Arsenic	8.41E-07	2.76E-06	1.65E-06	5.39E-06
			Cadmium	6.45E-07	2.12E-06	1.26E-06	4.13E-06
			Chromium Compounds	1.57E-06	5.15E-06	3.07E-06	1.01E-05
			Formaldehyde	4.52E-04	1.48E-03	8.86E-04	2.90E-03
			Hexane (n-Hexane)	1.00E-04	3.28E-04	1.97E-04	6.44E-04
			Lead Compounds	3.39E-06	1.11E-05	6.64E-06	2.17E-05
			Manganese	1.51E-06	4.97E-06	2.96E-06	9.71E-06
			Mercury Compounds	1.68E-07	5.52E-07	3.29E-07	1.08E-06
			Nickel	1.71E-04	5.62E-04	3.35E-04	1.10E-03
			Selenium Compounds	1.68E-07	5.52E-07	3.29E-07	1.08E-06

* Not Significant Source

Summary of HAP Emissions for 1994

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AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
CFA	671	007	Antimony	1.28E-05	2.10E-05	4.38E-05	1.43E-04
			Arsenic	5.75E-06	9.40E-06	1.96E-05	6.42E-05
			Cadmium	4.41E-06	7.21E-06	1.50E-05	4.93E-05
			Chromium Compounds	1.07E-05	1.76E-05	3.66E-05	1.20E-04
			Formaldehyde	1.84E-03	3.02E-03	6.28E-03	2.06E-02
			Hexane (n-Hexane)	4.08E-04	6.69E-04	1.39E-03	4.57E-03
			Lead Compounds	2.32E-05	3.79E-05	7.91E-05	2.59E-04
			Manganese	1.04E-05	1.69E-05	3.53E-05	1.16E-04
			Mercury Compounds	1.15E-06	1.88E-06	3.92E-06	1.28E-05
			Nickel	1.17E-03	1.91E-03	3.99E-03	1.31E-02
			Selenium Compounds	1.15E-06	1.88E-06	3.92E-06	1.28E-05
		008	Antimony	1.28E-05	2.10E-05	4.38E-05	1.43E-04
			Arsenic	5.75E-06	9.40E-06	1.96E-05	6.42E-05
			Cadmium	4.41E-06	7.21E-06	1.50E-05	4.93E-05
			Chromium Compounds	1.07E-05	1.76E-05	3.66E-05	1.20E-04
			Formaldehyde	1.84E-03	3.02E-03	6.28E-03	2.06E-02
			Hexane (n-Hexane)	4.08E-04	6.69E-04	1.39E-03	4.57E-03
			Lead Compounds	2.32E-05	3.79E-05	7.91E-05	2.59E-04
			Manganese	1.04E-05	1.69E-05	3.53E-05	1.16E-04
			Mercury Compounds	1.15E-06	1.88E-06	3.92E-06	1.28E-05
			Nickel	1.17E-03	1.91E-03	3.99E-03	1.31E-02
			Selenium Compounds	1.15E-06	1.88E-06	3.92E-06	1.28E-05
688	002		Chromium Compounds	9.28E-07	2.41E-07	1.86E-06	4.82E-07
			Trichloroethylene	2.04E-04	5.29E-05	4.07E-04	1.06E-04
	043		Antimony	5.03E-06	1.56E-05	9.33E-05	2.90E-04
			Arsenic	2.25E-06	7.00E-06	4.18E-05	1.30E-04
			Cadmium	1.73E-06	5.37E-06	3.20E-05	9.95E-05
			Chromium Compounds	4.20E-06	1.31E-05	7.80E-05	2.42E-04
			Formaldehyde	4.25E-04	1.32E-03	7.89E-03	2.45E-02
			Hexane (n-Hexane)	9.43E-05	2.93E-04	1.75E-03	5.43E-03
			Lead Compounds	9.08E-06	2.82E-05	1.69E-04	5.23E-04
			Manganese	4.05E-06	1.26E-05	7.52E-05	2.34E-04
			Mercury Compounds	4.50E-07	1.40E-06	8.36E-06	2.60E-05
			Nickel	4.59E-04	1.43E-03	8.51E-03	2.64E-02
			Selenium Compounds	4.50E-07	1.40E-06	8.36E-06	2.60E-05
	044		Antimony	5.03E-06	1.56E-05	4.03E-05	1.26E-04
			Arsenic	2.25E-06	7.00E-06	1.81E-05	5.62E-05
			Cadmium	1.73E-06	5.37E-06	1.38E-05	4.31E-05
			Chromium Compounds	4.20E-06	1.31E-05	3.37E-05	1.05E-04
			Formaldehyde	7.21E-04	2.25E-03	5.80E-03	1.80E-02
			Hexane (n-Hexane)	1.60E-04	4.98E-04	1.29E-03	4.00E-03

* Not Significant Source

Summary of HAP Emissions for 1994

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AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
CFA	688	044	Lead Compounds	9.08E-06	2.82E-05	7.28E-05	2.27E-04
			Manganese	4.05E-06	1.26E-05	3.25E-05	1.01E-04
			Mercury Compounds	4.50E-07	1.40E-06	3.61E-06	1.12E-05
			Nickel	4.59E-04	1.43E-03	3.68E-03	1.15E-02
			Selenium Compounds	4.50E-07	1.40E-06	3.61E-06	1.12E-05
*		047	1,3-Butadiene	2.59E-03	1.55E-05	5.18E-03	2.27E-02
*			Arsenic	1.28E-05	7.65E-08	2.55E-05	1.12E-04
*			Benzene	2.92E-03	1.75E-05	5.84E-03	2.56E-02
*			Chromium Compounds	2.23E-05	1.34E-07	4.46E-05	1.95E-04
*			Lead Compounds	1.75E-04	1.05E-06	3.51E-04	1.54E-03
*			Manganese	2.23E-05	1.34E-07	4.46E-05	1.95E-04
*			Mercury Compounds	6.38E-06	3.83E-08	1.28E-05	5.58E-05
*			Nickel	9.56E-06	5.74E-08	1.91E-05	8.38E-05
*			Selenium Compounds	6.38E-06	3.83E-08	1.28E-05	5.58E-05
*	689	034	Formaldehyde	2.59E-04	1.35E-04	2.59E-04	2.70E-04
*			Hydrochloric acid	8.69E-04	4.52E-04	8.69E-04	9.03E-04
*			Methanol, see Methyl alcoh	1.01E-04	5.24E-05	1.01E-04	1.05E-04

* Not Significant Source

Summary of HAP Emissions for 1994

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					Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
AREA	BLDG	VENT	Toxic					
*	CPP	1619	005	1,1,1 - Trichloroethane, see	2.60E-02	2.00E-05	2.60E-02	2.00E-05
*				Arsenic	1.60E-12	1.20E-15	1.60E-12	1.20E-15
*				Cadmium	5.40E-11	4.10E-14	5.40E-11	4.10E-14
*				Chromium Compounds	2.00E-11	1.50E-14	2.00E-11	1.50E-14
*				Lead Compounds	2.30E-11	1.70E-14	2.30E-11	1.70E-14
*				Toluene (toluol)	2.90E-04	2.20E-07	2.90E-04	2.20E-07
*		1642	007	1,3-Butadiene	6.90E-03	8.97E-05	7.70E-03	1.04E-02
*				Arsenic	3.40E-05	4.42E-07	3.79E-05	5.12E-05
*				Benzene	7.79E-03	1.01E-04	8.69E-03	1.17E-02
*				Chromium Compounds	5.95E-05	7.74E-07	6.63E-05	8.96E-05
*				Lead Compounds	4.68E-04	6.08E-06	5.21E-04	7.04E-04
*				Manganese	5.95E-05	7.74E-07	6.63E-05	8.96E-05
*				Mercury Compounds	1.70E-05	2.21E-07	1.90E-05	2.56E-05
*				Nickel	2.55E-05	3.32E-07	2.84E-05	3.84E-05
*				Selenium Compounds	1.70E-05	2.21E-07	1.90E-05	2.56E-05
*		1643	007	1,3-Butadiene	6.90E-03	8.97E-05	7.70E-03	1.04E-02
*				Arsenic	3.40E-05	4.42E-07	3.79E-05	5.12E-05
*				Benzene	7.79E-03	1.01E-04	8.69E-03	1.17E-02
*				Chromium Compounds	5.95E-05	7.74E-07	6.63E-05	8.96E-05
*				Lead Compounds	4.68E-04	6.08E-06	5.21E-04	7.04E-04
*				Manganese	5.95E-05	7.74E-07	6.63E-05	8.96E-05
*				Mercury Compounds	1.70E-05	2.21E-07	1.90E-05	2.56E-05
*				Nickel	2.55E-05	3.32E-07	2.84E-05	3.84E-05
*				Selenium Compounds	1.70E-05	2.21E-07	1.90E-05	2.56E-05
*		1749	004	1,3-Butadiene	1.04E-03	6.21E-06	1.55E-03	6.80E-03
*				Arsenic	5.10E-06	3.06E-08	7.65E-06	3.35E-05
*				Benzene	1.17E-03	7.01E-06	1.75E-03	7.68E-03
*				Chromium Compounds	8.93E-06	5.36E-08	1.34E-05	5.86E-05
*				Lead Compounds	7.01E-05	4.21E-07	1.05E-04	4.61E-04
*				Manganese	8.93E-06	5.36E-08	1.34E-05	5.86E-05
*				Mercury Compounds	2.55E-06	1.53E-08	3.83E-06	1.68E-05
*				Nickel	3.83E-06	2.30E-08	5.74E-06	2.51E-05
*				Selenium Compounds	2.55E-06	1.53E-08	3.83E-06	1.68E-05
*		602	012	Dimethylformamide	1.30E-04	1.40E-04	1.30E-04	1.40E-04
*				Formaldehyde	4.30E-05	4.40E-05	4.30E-05	4.40E-05
*				Hydrazine	3.90E-05	4.10E-05	3.90E-05	4.10E-05
*				Hydrochloric acid	1.90E-04	2.00E-04	1.90E-04	2.00E-04
*				hydrogen fluoride (hydroflu	5.00E-06	5.20E-06	5.00E-06	5.20E-06
*				Methanol, see Methyl alcoh	3.70E-02	3.90E-02	3.70E-02	3.90E-02
*				Toluene (toluol)	1.90E-03	2.00E-03	1.90E-03	2.00E-03
	606	004		Antimony	2.42E-04	3.82E-04	4.15E-04	1.82E-03

* Not Significant Source

Summary of HAP Emissions for 1994

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AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
CPP	606	004	Arsenic	1.08E-04	1.71E-04	1.86E-04	8.14E-04
			Cadmium	8.31E-05	1.31E-04	1.42E-04	6.24E-04
			Chromium Compounds	2.02E-04	3.19E-04	3.47E-04	1.52E-03
			Formaldehyde	2.05E-02	3.23E-02	3.51E-02	1.54E-01
			Hexane (n-Hexane)	4.54E-03	7.16E-03	7.78E-03	3.41E-02
			Lead Compounds	4.37E-04	6.90E-04	7.49E-04	3.28E-03
			Manganese	1.95E-04	3.08E-04	3.34E-04	1.46E-03
			Mercury Compounds	2.17E-05	3.42E-05	3.72E-05	1.63E-04
			Nickel	2.21E-02	3.48E-02	3.78E-02	1.66E-01
			Selenium Compounds	2.17E-05	3.42E-05	3.72E-05	1.63E-04
		005	Antimony	1.79E-04	1.80E-04	4.63E-04	2.03E-03
			Arsenic	8.00E-05	8.07E-05	2.07E-04	9.09E-04
			Cadmium	6.13E-05	6.18E-05	1.59E-04	6.97E-04
			Chromium Compounds	1.49E-04	1.51E-04	3.87E-04	1.70E-03
			Formaldehyde	1.51E-02	1.52E-02	3.92E-02	1.71E-01
			Hexane (n-Hexane)	3.35E-03	3.38E-03	8.68E-03	3.80E-02
			Lead Compounds	3.23E-04	3.25E-04	8.37E-04	3.66E-03
			Manganese	1.44E-04	1.45E-04	3.73E-04	1.64E-03
			Mercury Compounds	1.60E-05	1.61E-05	4.15E-05	1.82E-04
			Nickel	1.63E-02	1.64E-02	4.22E-02	1.85E-01
			Selenium Compounds	1.60E-05	1.61E-05	4.15E-05	1.82E-04
		019	Antimony	1.05E-04	8.47E-05	4.63E-04	2.03E-03
			Arsenic	4.70E-05	3.79E-05	2.07E-04	9.09E-04
			Cadmium	3.60E-05	2.91E-05	1.59E-04	6.97E-04
			Chromium Compounds	8.77E-05	7.08E-05	3.87E-04	1.70E-03
			Formaldehyde	8.86E-03	7.16E-03	3.92E-02	1.71E-01
			Hexane (n-Hexane)	1.97E-03	1.59E-03	8.68E-03	3.80E-02
			Lead Compounds	1.89E-04	1.53E-04	8.37E-04	3.66E-03
			Manganese	8.45E-05	6.83E-05	3.73E-04	1.64E-03
			Mercury Compounds	9.39E-06	7.59E-06	4.15E-05	1.82E-04
			Nickel	9.56E-03	7.72E-03	4.22E-02	1.85E-01
			Selenium Compounds	9.39E-06	7.59E-06	4.15E-05	1.82E-04
*	614	002	1,3-Butadiene	4.83E-03	7.57E-05	5.56E-03	7.50E-03
*			Arsenic	2.38E-05	3.73E-07	2.74E-05	3.69E-05
*			Benzene	5.45E-03	8.55E-05	6.27E-03	8.47E-03
*			Chromium Compounds	4.17E-05	6.53E-07	4.79E-05	6.47E-05
*			Lead Compounds	3.27E-04	5.13E-06	3.76E-04	5.08E-04
*			Manganese	4.17E-05	6.53E-07	4.79E-05	6.47E-05
*			Mercury Compounds	1.19E-05	1.87E-07	1.37E-05	1.85E-05
*			Nickel	1.79E-05	2.80E-07	2.05E-05	2.77E-05
*			Selenium Compounds	1.19E-05	1.87E-07	1.37E-05	1.85E-05

* Not Significant Source

Summary of HAP Emissions for 1994

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					Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
AREA	BLDG	VENT	Toxic					
*	CPP	616	004	1,3-Butadiene	5.18E-03	8.08E-05	7.45E-03	1.01E-02
*				Arsenic	2.55E-05	3.98E-07	3.67E-05	4.96E-05
*				Benzene	5.84E-03	9.11E-05	8.41E-03	1.14E-02
*				Chromium Compounds	4.46E-05	6.96E-07	6.43E-05	8.68E-05
*				Lead Compounds	3.51E-04	5.47E-06	5.05E-04	6.82E-04
*				Manganese	4.46E-05	6.96E-07	6.43E-05	8.68E-05
*				Mercury Compounds	1.28E-05	1.99E-07	1.84E-05	2.48E-05
*				Nickel	1.91E-05	2.98E-07	2.75E-05	3.72E-05
*				Selenium Compounds	1.28E-05	1.99E-07	1.84E-05	2.48E-05
*		637	010	Cadmium	2.20E-06	2.30E-06	2.20E-06	2.30E-06
*				Hydrochloric acid	2.20E-05	2.30E-05	2.20E-05	2.30E-05
*				Mercury Compounds	1.60E-06	1.70E-06	1.60E-06	1.70E-06
*				Methanol, see Methyl alcoh	6.70E-03	7.00E-03	6.70E-03	7.00E-03
*			064	Hexane (n-Hexane)	1.60E-03	1.70E-03	1.60E-03	1.00E+01
*		644	002	1,3-Butadiene	4.80E-02	2.49E-03	9.59E-02	9.59E-03
*				Arsenic	1.88E-05	9.78E-07	3.76E-05	3.76E-06
*				Benzene	5.41E-02	2.81E-03	1.08E-01	1.08E-02
*				Chromium Compounds	3.29E-05	1.71E-06	6.58E-05	6.58E-06
*				Lead Compounds	2.59E-04	1.34E-05	5.17E-04	5.17E-05
*				Manganese	3.29E-05	1.71E-06	6.58E-05	6.58E-06
*				Mercury Compounds	9.40E-06	4.89E-07	1.88E-05	1.88E-06
*				Nickel	1.41E-05	7.33E-07	2.82E-05	2.82E-06
*				Selenium Compounds	9.40E-06	4.89E-07	1.88E-05	1.88E-06
*		655	023	Methyl chloride	1.20E-02	1.30E-02	1.20E-02	1.30E-02
*		659	006	1,3-Butadiene	1.73E-02	1.55E-04	3.86E-01	3.86E-02
*				Arsenic	8.50E-05	7.65E-07	1.90E-03	1.90E-04
*				Benzene	1.95E-02	1.75E-04	4.36E-01	4.36E-02
*				Chromium Compounds	1.49E-04	1.34E-06	3.33E-03	3.33E-04
*				Lead Compounds	1.17E-03	1.05E-05	2.62E-02	2.62E-03
*				Manganese	1.49E-04	1.34E-06	3.33E-03	3.33E-04
*				Mercury Compounds	4.25E-05	3.83E-07	9.51E-04	9.51E-05
*				Nickel	6.37E-05	5.74E-07	1.43E-03	1.43E-04
*				Selenium Compounds	4.25E-05	3.83E-07	9.51E-04	9.51E-05
*			008	1,3-Butadiene	4.80E-02	4.32E-04	1.07E+00	1.07E-01
*				Arsenic	1.88E-05	1.69E-07	4.21E-04	4.21E-05
*				Benzene	5.41E-02	4.87E-04	1.21E+00	1.21E-01
*				Chromium Compounds	3.29E-05	2.96E-07	7.36E-04	7.36E-05
*				Lead Compounds	2.59E-04	2.33E-06	5.79E-03	5.79E-04
*				Manganese	3.29E-05	2.96E-07	7.36E-04	7.36E-05
*				Mercury Compounds	9.40E-06	8.46E-08	2.10E-04	2.10E-05
*				Nickel	1.41E-05	1.27E-07	3.16E-04	3.16E-05

* Not Significant Source

Summary of HAP Emissions for 1994

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					Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
AREA	BLDG	VENT	Toxic					
*	CPP	659	008	Selenium Compounds	9.40E-06	8.46E-08	2.10E-04	2.10E-05
*			033	Diethanolamine	2.60E-02	4.90E-02	2.60E-02	1.20E-01
*		662	003	Manganese	2.60E-05	2.70E-05	2.60E-05	2.70E-05
*		663	048	Ethyl benzene	2.10E-02	2.10E-02	2.10E-02	2.10E-02
*				Toluene (toluol)	2.40E-02	2.50E-02	2.40E-02	2.50E-02
*		684	001	Hydrochloric acid	3.20E-06	1.20E-05	3.20E-06	1.20E-05
*				hydrogen fluoride (hydroflu	5.30E-06	2.00E-05	5.30E-06	2.00E-05
*				Methanol, see Methyl alcoh	7.00E-05	2.60E-04	7.00E-05	2.60E-04
*		687	026	1,3-Butadiene	4.80E-02	2.49E-03	9.59E-02	9.59E-03
*				Arsenic	1.88E-05	9.78E-07	3.76E-05	3.76E-06
*				Benzene	5.41E-02	2.81E-03	1.08E-01	1.08E-02
*				Chromium Compounds	3.29E-05	1.71E-06	6.58E-05	6.58E-06
*				Lead Compounds	2.59E-04	1.34E-05	5.17E-04	5.17E-05
*				Manganese	3.29E-05	1.71E-06	6.58E-05	6.58E-06
*				Mercury Compounds	9.40E-06	4.89E-07	1.88E-05	1.88E-06
*				Nickel	1.41E-05	7.33E-07	2.82E-05	2.82E-06
*				Selenium Compounds	9.40E-06	4.89E-07	1.88E-05	1.88E-06
*			049	1,3-Butadiene	5.18E-04	3.36E-06	1.04E-03	2.80E-03
*				Arsenic	2.55E-06	1.66E-08	5.10E-06	1.38E-05
*				Benzene	5.84E-04	3.80E-06	1.17E-03	3.15E-03
*				Chromium Compounds	4.46E-06	2.90E-08	8.93E-06	2.41E-05
*				Lead Compounds	3.51E-05	2.28E-07	7.01E-05	1.89E-04
*				Manganese	4.46E-06	2.90E-08	8.93E-06	2.41E-05
*				Mercury Compounds	1.28E-06	8.29E-09	2.55E-06	6.89E-06
*				Nickel	1.91E-06	1.24E-08	3.83E-06	1.03E-05
*				Selenium Compounds	1.28E-06	8.29E-09	2.55E-06	6.89E-06
*		698	004	Chromium Compounds	9.00E-06	9.30E-06	9.00E-06	9.30E-06
*				Manganese	2.40E-05	2.50E-05	2.40E-05	2.50E-05
*				Nickel	5.60E-06	5.80E-06	5.60E-06	5.80E-06
*			006	Chromium Compounds	9.00E-06	9.30E-06	9.00E-06	9.30E-06
*				Manganese	2.40E-05	2.50E-05	2.40E-05	2.50E-05
*				Nickel	5.60E-06	5.80E-06	5.60E-06	5.80E-06
		708	001	1,2,4-trichlorobenzene	1.20E-01	1.00E-01	1.20E-01	1.00E-01
				Cadmium	3.00E-12	8.00E-12	3.00E-12	8.00E-12
				Chromium Compounds	5.00E-13	1.50E-13	5.00E-13	1.50E-13
				Formaldehyde	4.20E-05	4.00E-05	4.20E-05	4.00E-05
				hydrogen fluoride (hydroflu	1.00E-02	4.50E-03	1.00E-02	4.50E-03
				Lead Compounds				1.00E-02
				Lead Compounds	7.00E-16	3.00E-15	7.00E-16	1.00E-01
				Methanol, see Methyl alcoh	2.70E-02	2.50E-02	2.70E-02	2.37E+00
				Nickel	2.00E-16	3.00E-15	2.00E-16	3.00E-15

* Not Significant Source

Summary of HAP Emissions for 1994

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AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
*	NRF	601	036	Lead Compounds	0.00E+00	0.00E+00	0.00E+00
*		602	005	1,3-Butadiene	4.14E-03	2.07E-04	4.14E-03
*				Arsenic	2.04E-05	1.02E-06	2.04E-05
*				Benzene	4.67E-03	2.34E-04	4.67E-03
*				Chromium Compounds	3.57E-05	1.79E-06	3.57E-05
*				Lead Compounds	2.81E-04	1.40E-05	2.81E-04
*				Manganese	3.57E-05	1.79E-06	3.57E-05
*				Mercury Compounds	1.02E-05	5.10E-07	1.02E-05
*				Nickel	1.53E-05	7.65E-07	1.53E-05
*				Selenium Compounds	1.02E-05	5.10E-07	1.02E-05
*		617C	001	1,3-Butadiene	0.00E+00	0.00E+00	6.71E-02
*				Arsenic	0.00E+00	0.00E+00	2.63E-05
*				Benzene	0.00E+00	0.00E+00	7.58E-02
*				Chromium Compounds	0.00E+00	0.00E+00	4.61E-05
*				Lead Compounds	0.00E+00	0.00E+00	3.62E-04
*				Manganese	0.00E+00	0.00E+00	4.61E-05
*				Mercury Compounds	0.00E+00	0.00E+00	1.32E-05
*				Nickel	0.00E+00	0.00E+00	1.97E-05
*				Selenium Compounds	0.00E+00	0.00E+00	1.32E-05
*			002	1,3-Butadiene	0.00E+00	0.00E+00	6.71E-02
*				Arsenic	0.00E+00	0.00E+00	2.63E-05
*				Benzene	0.00E+00	0.00E+00	7.58E-02
*				Chromium Compounds	0.00E+00	0.00E+00	4.61E-05
*				Lead Compounds	0.00E+00	0.00E+00	3.62E-04
*				Manganese	0.00E+00	0.00E+00	4.61E-05
*				Mercury Compounds	0.00E+00	0.00E+00	1.32E-05
*				Nickel	0.00E+00	0.00E+00	1.97E-05
*				Selenium Compounds	0.00E+00	0.00E+00	1.32E-05
*		619	018	1,1,1 - Trichloroethane, see	7.50E-01	1.48E-01	2.20E+00
*				Acetonitrile	1.37E-03	6.00E-03	4.10E-03
*				Acrylic acid	1.87E-03	9.37E-06	5.60E-03
*				Asbestos (Fibers/M.L.)	4.44E-05	2.22E-05	1.30E-04
*				Cadmium	6.67E-03	2.00E-04	2.00E-02
*				Carbon tetrachloride	9.32E-03	1.70E-03	2.80E-02
*				Chromium Compounds	2.33E-02	7.00E-04	7.00E-02
*				Cumene Hydroperoxide	7.15E-06	3.13E-05	2.10E-05
*				Cyanide compounds as CN	4.41E-02	8.04E-03	1.30E-01
*				Dibutyl phthalate	3.65E-05	1.60E-04	1.10E-04
*				Dichloroethane	1.15E-03	2.10E-04	3.50E-03
*				Dimethylformamide	5.38E-04	2.36E-03	1.60E-03
*				Ethyl benzene	1.17E-03	5.83E-05	3.50E-03

* Not Significant Source

Summary of HAP Emissions for 1994

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					Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
AREA	BLDG	VENT	Toxic					
*	NRF	619	018	Ethylene glycol vapor (CL)	3.05E-03	1.33E-02	9.10E-03	4.00E-02
*				Formaldehyde	1.14E-03	6.22E-04	3.40E-03	1.90E-03
*				glycol ethers	1.82E-02	7.96E-02	5.45E-02	2.40E-01
*				Hexane (n-Hexane)	9.94E-03	4.35E-02	3.00E-02	1.30E-01
*				Hydrochloric acid	5.01E-03	2.74E-03	1.50E-02	8.20E-03
*				hydrogen fluoride (hydroflu	1.00E-03	5.01E-05	3.00E-03	1.50E-04
*				Lead Compounds	1.89E-03	1.03E-03	5.70E-03	3.10E-03
*				Methanol, see Methyl alcoh	2.38E-03	1.04E-02	7.10E-03	3.10E-02
*				Nickel	6.25E-02	3.13E-04	1.90E-01	9.40E-04
*				tetrachloroethylene (perchl	2.70E-03	3.53E-04	2.70E-03	3.53E-04
*				Toluene (toluol)	2.81E-03	1.23E-02	8.40E-03	3.70E-02
*				Trichloroethylene	2.33E-03	1.02E-02	7.00E-03	3.10E-02
*				Vinyl acetate	1.12E-02	5.60E-04	3.40E-02	1.70E-03
	620	012		Antimony	9.22E-04	6.34E-04	2.59E-03	1.14E-02
				Arsenic	4.13E-04	2.84E-04	1.16E-03	5.09E-03
				Cadmium	3.16E-04	2.18E-04	8.90E-04	3.90E-03
				Chromium Compounds	7.71E-04	5.30E-04	2.17E-03	9.49E-03
				Formaldehyde	2.18E-02	1.50E-02	6.14E-02	2.69E-01
				Hexane (n-Hexane)	4.84E-03	3.33E-03	1.36E-02	5.96E-02
				Lead Compounds	1.66E-03	1.14E-03	4.68E-03	2.05E-02
				Manganese	7.43E-04	5.11E-04	2.09E-03	9.15E-03
				Mercury Compounds	8.26E-05	5.68E-05	2.32E-04	1.02E-03
				Nickel	8.41E-02	5.78E-02	2.36E-01	1.04E+00
				Selenium Compounds	8.26E-05	5.68E-05	2.32E-04	1.02E-03
		013		Antimony	9.22E-04	6.34E-04	2.59E-03	1.14E-02
				Arsenic	4.13E-04	2.84E-04	1.16E-03	5.09E-03
				Cadmium	3.16E-04	2.18E-04	8.90E-04	3.90E-03
				Chromium Compounds	7.71E-04	5.30E-04	2.17E-03	9.49E-03
				Formaldehyde	2.18E-02	1.50E-02	6.14E-02	2.69E-01
				Hexane (n-Hexane)	4.84E-03	3.33E-03	1.36E-02	5.96E-02
				Lead Compounds	1.66E-03	1.14E-03	4.68E-03	2.05E-02
				Manganese	7.43E-04	5.11E-04	2.09E-03	9.15E-03
				Mercury Compounds	8.26E-05	5.68E-05	2.32E-04	1.02E-03
				Nickel	8.41E-02	5.78E-02	2.36E-01	1.04E+00
				Selenium Compounds	8.26E-05	5.68E-05	2.32E-04	1.02E-03
		014		Antimony	9.22E-04	6.34E-04	2.59E-03	1.14E-02
				Arsenic	4.13E-04	2.84E-04	1.16E-03	5.09E-03
				Cadmium	3.16E-04	2.18E-04	8.90E-04	3.90E-03
				Chromium Compounds	7.71E-04	5.30E-04	2.17E-03	9.49E-03
				Formaldehyde	2.18E-02	1.50E-02	6.14E-02	2.69E-01
				Hexane (n-Hexane)	4.84E-03	3.33E-03	1.36E-02	5.96E-02

* Not Significant Source

Summary of HAP Emissions for 1994

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AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
NRF	620	014	Lead Compounds	1.66E-03	1.14E-03	4.68E-03	2.05E-02
			Manganese	7.43E-04	5.11E-04	2.09E-03	9.15E-03
			Mercury Compounds	8.26E-05	5.68E-05	2.32E-04	1.02E-03
			Nickel	8.41E-02	5.78E-02	2.36E-01	1.04E+00
			Selenium Compounds	8.26E-05	5.68E-05	2.32E-04	1.02E-03
*	622	001	1,3-Butadiene	4.14E-03	3.31E-05	4.14E-03	5.59E-03
*			Arsenic	2.04E-05	1.63E-07	2.04E-05	2.75E-05
*			Benzene	4.67E-03	3.74E-05	4.67E-03	6.31E-03
*			Chromium Compounds	3.57E-05	2.86E-07	3.57E-05	4.82E-05
*			Lead Compounds	2.81E-04	2.24E-06	2.81E-04	3.79E-04
*			Manganese	3.57E-05	2.86E-07	3.57E-05	4.82E-05
*			Mercury Compounds	1.02E-05	8.16E-08	1.02E-05	1.38E-05
*			Nickel	1.53E-05	1.22E-07	1.53E-05	2.07E-05
*			Selenium Compounds	1.02E-05	8.16E-08	1.02E-05	1.38E-05
*	633A	038	1,3-Butadiene	3.68E-02	2.22E-03	4.09E-02	4.09E-03
*			Arsenic	1.44E-05	8.70E-07	1.60E-05	1.60E-06
*			Benzene	4.16E-02	2.51E-03	4.61E-02	4.61E-03
*			Chromium Compounds	2.53E-05	1.52E-06	2.80E-05	2.80E-06
*			Lead Compounds	1.99E-04	1.20E-05	2.20E-04	2.20E-05
*			Manganese	2.53E-05	1.52E-06	2.80E-05	2.80E-06
*			Mercury Compounds	7.22E-06	4.35E-07	8.01E-06	8.01E-07
*			Nickel	1.08E-05	6.53E-07	1.20E-05	1.20E-06
*			Selenium Compounds	7.22E-06	4.35E-07	8.01E-06	8.01E-07
*	635	006	1,3-Butadiene	2.66E-03	6.90E-05	4.31E-03	5.82E-03
*			Arsenic	1.31E-05	3.40E-07	2.13E-05	2.87E-05
*			Benzene	3.00E-03	7.79E-05	4.87E-03	6.57E-03
*			Chromium Compounds	2.29E-05	5.95E-07	3.72E-05	5.02E-05
*			Lead Compounds	1.80E-04	4.68E-06	2.92E-04	3.94E-04
*			Manganese	2.29E-05	5.95E-07	3.72E-05	5.02E-05
*			Mercury Compounds	6.54E-06	1.70E-07	1.06E-05	1.43E-05
*			Nickel	9.82E-06	2.55E-07	1.59E-05	2.15E-05
*			Selenium Compounds	6.54E-06	1.70E-07	1.06E-05	1.43E-05
*		007	1,3-Butadiene	2.66E-03	6.90E-05	4.31E-03	5.82E-03
*			Arsenic	1.31E-05	3.40E-07	2.13E-05	2.87E-05
*			Benzene	3.00E-03	7.79E-05	4.87E-03	6.57E-03
*			Chromium Compounds	2.29E-05	5.95E-07	3.72E-05	5.02E-05
*			Lead Compounds	1.80E-04	4.68E-06	2.92E-04	3.94E-04
*			Manganese	2.29E-05	5.95E-07	3.72E-05	5.02E-05
*			Mercury Compounds	6.54E-06	1.70E-07	1.06E-05	1.43E-05
*			Nickel	9.82E-06	2.55E-07	1.59E-05	2.15E-05
*			Selenium Compounds	6.54E-06	1.70E-07	1.06E-05	1.43E-05

* Not Significant Source

Summary of HAP Emissions for 1994

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AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
* NRF	686	016	1,3-Butadiene	6.71E-02	2.08E-03	8.63E-02	8.63E-03
*			Arsenic	2.63E-05	8.14E-07	3.38E-05	3.38E-06
*			Benzene	7.58E-02	2.34E-03	9.74E-02	9.74E-03
*			Chromium Compounds	4.61E-05	1.42E-06	5.92E-05	5.92E-06
*			Lead Compounds	3.62E-04	1.12E-05	4.65E-04	4.65E-05
*			Manganese	4.61E-05	1.42E-06	5.92E-05	5.92E-06
*			Mercury Compounds	1.32E-05	4.07E-07	1.69E-05	1.69E-06
*			Nickel	1.97E-05	6.11E-07	2.54E-05	2.54E-06
*			Selenium Compounds	1.32E-05	4.07E-07	1.69E-05	1.69E-06
*		017	1,3-Butadiene	6.71E-02	2.08E-03	8.63E-02	8.63E-03
*			Arsenic	2.63E-05	8.14E-07	3.38E-05	3.38E-06
*			Benzene	7.58E-02	2.34E-03	9.74E-02	9.74E-03
*			Chromium Compounds	4.61E-05	1.42E-06	5.92E-05	5.92E-06
*			Lead Compounds	3.62E-04	1.12E-05	4.65E-04	4.65E-05
*			Manganese	4.61E-05	1.42E-06	5.92E-05	5.92E-06
*			Mercury Compounds	1.32E-05	4.07E-07	1.69E-05	1.69E-06
*			Nickel	1.97E-05	6.11E-07	2.54E-05	2.54E-06
*			Selenium Compounds	1.32E-05	4.07E-07	1.69E-05	1.69E-06
*		018	1,3-Butadiene	6.71E-02	2.08E-03	8.63E-02	8.63E-03
*			Arsenic	2.63E-05	8.14E-07	3.38E-05	3.38E-06
*			Benzene	7.58E-02	2.34E-03	9.74E-02	9.74E-03
*			Chromium Compounds	4.61E-05	1.42E-06	5.92E-05	5.92E-06
*			Lead Compounds	3.62E-04	1.12E-05	4.65E-04	4.65E-05
*			Manganese	4.61E-05	1.42E-06	5.92E-05	5.92E-06
*			Mercury Compounds	1.32E-05	4.07E-07	1.69E-05	1.69E-06
*			Nickel	1.97E-05	6.11E-07	2.54E-05	2.54E-06
*			Selenium Compounds	1.32E-05	4.07E-07	1.69E-05	1.69E-06
*		019	1,3-Butadiene	6.71E-02	2.08E-03	8.63E-02	8.63E-03
*			Arsenic	2.63E-05	8.14E-07	3.38E-05	3.38E-06
*			Benzene	7.58E-02	2.34E-03	9.74E-02	9.74E-03
*			Chromium Compounds	4.61E-05	1.42E-06	5.92E-05	5.92E-06
*			Lead Compounds	3.62E-04	1.12E-05	4.65E-04	4.65E-05
*			Manganese	4.61E-05	1.42E-06	5.92E-05	5.92E-06
*			Mercury Compounds	1.32E-05	4.07E-07	1.69E-05	1.69E-06
*			Nickel	1.97E-05	6.11E-07	2.54E-05	2.54E-06
*			Selenium Compounds	1.32E-05	4.07E-07	1.69E-05	1.69E-06

* Not Significant Source

Summary of HAP Emissions for 1994

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					Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
	AREA	BLDG	VENT	Toxic				
*	PER	609	006	1,3-Butadiene	3.45E-03	2.07E-05	6.90E-03	9.32E-03
*				Arsenic	1.70E-05	1.02E-07	3.40E-05	4.59E-05
*				Benzene	3.89E-03	2.34E-05	7.79E-03	1.05E-02
*				Chromium Compounds	2.98E-05	1.79E-07	5.95E-05	8.03E-05
*				Lead Compounds	2.34E-04	1.40E-06	4.68E-04	6.31E-04
*				Manganese	2.98E-05	1.79E-07	5.95E-05	8.03E-05
*				Mercury Compounds	8.50E-06	5.10E-08	1.70E-05	2.30E-05
*				Nickel	1.28E-05	7.65E-08	2.55E-05	3.44E-05
*				Selenium Compounds	8.50E-06	5.10E-08	1.70E-05	2.30E-05
	613	009		Antimony	4.96E-06	1.56E-07	1.38E-05	4.44E-05
				Arsenic	2.22E-06	6.97E-08	6.19E-06	1.99E-05
				Cadmium	1.70E-06	5.34E-08	4.75E-06	1.52E-05
				Chromium Compounds	4.14E-06	1.30E-07	1.16E-05	3.71E-05
				Formaldehyde	7.12E-04	2.24E-05	1.99E-03	6.38E-03
				Hexane (n-Hexane)	1.58E-04	4.96E-06	4.41E-04	1.41E-03
				Lead Compounds	8.95E-06	2.81E-07	2.50E-05	8.01E-05
				Manganese	3.99E-06	1.25E-07	1.11E-05	3.58E-05
				Mercury Compounds	4.44E-07	1.39E-08	1.24E-06	3.97E-06
				Nickel	4.52E-04	1.42E-05	1.26E-03	4.05E-03
				Selenium Compounds	4.44E-07	1.39E-08	1.24E-06	3.97E-06
*	638	004		1,3-Butadiene	3.59E-03	4.66E-05	3.59E-03	9.69E-03
*				Arsenic	1.77E-05	2.30E-07	1.77E-05	4.77E-05
*				Benzene	4.05E-03	5.26E-05	4.05E-03	1.09E-02
*				Chromium Compounds	3.09E-05	4.02E-07	3.09E-05	8.35E-05
*				Lead Compounds	2.43E-04	3.16E-06	2.43E-04	6.56E-04
*				Manganese	3.09E-05	4.02E-07	3.09E-05	8.35E-05
*				Mercury Compounds	8.84E-06	1.15E-07	8.84E-06	2.39E-05
*				Nickel	1.33E-05	1.72E-07	1.33E-05	3.58E-05
*				Selenium Compounds	8.84E-06	1.15E-07	8.84E-06	2.39E-05
	755	001		Lead Compounds	0.00E+00	0.00E+00	1.70E+00	5.00E-01

* Not Significant Source

Summary of HAP Emissions for 1994

Page: 25

AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
TAN	603	022	Antimony	7.68E-04	8.90E-05	7.68E-04	4.90E-04
			Arsenic	3.44E-04	3.98E-05	3.44E-04	2.19E-04
			Cadmium	2.64E-04	3.05E-05	2.64E-04	1.68E-04
			Chromium Compounds	6.42E-04	7.44E-05	6.42E-04	4.09E-04
			Formaldehyde	6.49E-02	7.52E-03	6.49E-02	4.14E-02
			Hexane (n-Hexane)	1.44E-02	1.67E-03	1.44E-02	9.18E-03
			Lead Compounds	1.39E-03	1.61E-04	1.39E-03	8.84E-04
			Manganese	6.19E-04	7.17E-05	6.19E-04	3.95E-04
			Mercury Compounds	6.88E-05	7.97E-06	6.88E-05	4.38E-05
			Nickel	7.01E-02	8.11E-03	7.01E-02	4.46E-02
			Selenium Compounds	6.88E-05	7.97E-06	6.88E-05	4.38E-05
		027	Antimony	9.08E-05	5.83E-05	1.58E-04	6.94E-04
			Arsenic	4.07E-05	2.61E-05	7.10E-05	3.11E-04
			Cadmium	3.12E-05	2.00E-05	5.44E-05	2.38E-04
			Chromium Compounds	7.59E-05	4.87E-05	1.32E-04	5.80E-04
			Formaldehyde	1.30E-02	8.38E-03	2.28E-02	9.97E-02
			Hexane (n-Hexane)	2.89E-03	1.86E-03	5.05E-03	2.21E-02
			Lead Compounds	1.64E-04	1.05E-04	2.86E-04	1.25E-03
			Manganese	7.32E-05	4.70E-05	1.28E-04	5.59E-04
			Mercury Compounds	8.13E-06	5.22E-06	1.42E-05	6.22E-05
			Nickel	8.28E-03	5.32E-03	1.44E-02	6.33E-02
			Selenium Compounds	8.13E-06	5.22E-06	1.42E-05	6.22E-05
		028	Antimony	9.08E-05	5.06E-05	1.61E-04	7.04E-04
			Arsenic	4.07E-05	2.26E-05	7.20E-05	3.15E-04
			Cadmium	3.12E-05	1.74E-05	5.52E-05	2.42E-04
			Chromium Compounds	7.59E-05	4.23E-05	1.34E-04	5.89E-04
			Formaldehyde	1.30E-02	7.26E-03	2.31E-02	1.01E-01
			Hexane (n-Hexane)	2.89E-03	1.61E-03	5.12E-03	2.24E-02
			Lead Compounds	1.64E-04	9.13E-05	2.90E-04	1.27E-03
			Manganese	7.32E-05	4.07E-05	1.30E-04	5.68E-04
			Mercury Compounds	8.13E-06	4.53E-06	1.44E-05	6.31E-05
			Nickel	8.28E-03	4.61E-03	1.47E-02	6.42E-02
			Selenium Compounds	8.13E-06	4.53E-06	1.44E-05	6.31E-05
641	034		Antimony	5.15E-06		5.19E-05	2.27E-04
			Arsenic	2.31E-06		2.32E-05	1.02E-04
			Cadmium	1.77E-06		1.78E-05	7.80E-05
			Chromium Compounds	4.31E-06		4.33E-05	1.90E-04
			Formaldehyde	7.40E-04		7.45E-03	3.26E-02
			Hexane (n-Hexane)	1.64E-04		1.65E-03	7.24E-03
			Lead Compounds	9.30E-06		9.37E-05	4.10E-04
			Manganese	4.15E-06		4.18E-05	1.83E-04

* Not Significant Source

Summary of HAP Emissions for 1994

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AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
TAN	641	034	Mercury Compounds	4.61E-07		4.64E-06	2.03E-05
			Nickel	4.70E-04		4.73E-03	2.07E-02
			Selenium Compounds	4.61E-07		4.64E-06	2.03E-05
		035	Antimony	5.15E-06		5.19E-05	2.27E-04
			Arsenic	2.31E-06		2.32E-05	1.02E-04
			Cadmium	1.77E-06		1.78E-05	7.80E-05
			Chromium Compounds	4.31E-06		4.33E-05	1.90E-04
			Formaldehyde	7.40E-04		7.45E-03	3.26E-02
			Hexane (n-Hexane)	1.64E-04		1.65E-03	7.24E-03
			Lead Compounds	9.30E-06		9.37E-05	4.10E-04
			Manganese	4.15E-06		4.18E-05	1.83E-04
			Mercury Compounds	4.61E-07		4.64E-06	2.03E-05
			Nickel	4.70E-04		4.73E-03	2.07E-02
			Selenium Compounds	4.61E-07		4.64E-06	2.03E-05
			675	035	Antimony	3.09E-05	1.28E-05
	Arsenic	1.38E-05			5.72E-06	8.64E-05	3.79E-04
	Cadmium	1.06E-05			4.39E-06	6.63E-05	2.90E-04
	Chromium Compounds	2.58E-05			1.07E-05	1.61E-04	7.07E-04
	Formaldehyde	2.61E-03			1.08E-03	1.63E-02	7.15E-02
	Hexane (n-Hexane)	5.79E-04			2.40E-04	3.62E-03	1.58E-02
	Lead Compounds	5.58E-05			2.31E-05	3.49E-04	1.53E-03
	Manganese	2.49E-05			1.03E-05	1.56E-04	6.81E-04
	Mercury Compounds	2.77E-06			1.14E-06	1.73E-05	7.57E-05
	Nickel	2.82E-03			1.17E-03	1.76E-02	7.71E-02
	Selenium Compounds	2.77E-06			1.14E-06	1.73E-05	7.57E-05
	037	Antimony			1.07E-04	8.01E-06	1.93E-04
		Arsenic	4.81E-05	3.58E-06	8.64E-05	3.79E-04	
Cadmium		3.69E-05	2.75E-06	6.63E-05	2.90E-04		
Chromium Compounds		8.98E-05	6.69E-06	1.61E-04	7.07E-04		
Formaldehyde		9.08E-03	6.77E-04	1.63E-02	7.15E-02		
Hexane (n-Hexane)		2.01E-03	1.50E-04	3.62E-03	1.58E-02		
Lead Compounds		1.94E-04	1.45E-05	3.49E-04	1.53E-03		
Manganese		8.66E-05	6.45E-06	1.56E-04	6.81E-04		
Mercury Compounds		9.62E-06	7.17E-07	1.73E-05	7.57E-05		
Nickel		9.79E-03	7.30E-04	1.76E-02	7.71E-02		
Selenium Compounds		9.62E-06	7.17E-07	1.73E-05	7.57E-05		
679		067	Antimony	7.08E-05	1.43E-04	1.93E-04	8.45E-04
	Arsenic		3.17E-05	6.41E-05	8.64E-05	3.79E-04	
	Cadmium		2.43E-05	4.91E-05	6.63E-05	2.90E-04	
	Chromium Compounds		5.91E-05	1.20E-04	1.61E-04	7.07E-04	
	Formaldehyde		5.98E-03	1.21E-02	1.63E-02	7.15E-02	

* Not Significant Source

Summary of HAP Emissions for 1994

Page: 27

AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
TAN	679	067	Hexane (n-Hexane)	1.33E-03	2.68E-03	3.62E-03	1.58E-02
			Lead Compounds	1.28E-04	2.58E-04	3.49E-04	1.53E-03
			Manganese	5.70E-05	1.15E-04	1.56E-04	6.81E-04
			Mercury Compounds	6.34E-06	1.28E-05	1.73E-05	7.57E-05
			Nickel	6.45E-03	1.30E-02	1.76E-02	7.71E-02
			Selenium Compounds	6.34E-06	1.28E-05	1.73E-05	7.57E-05
	068		Antimony	4.75E-05	9.91E-05	1.93E-04	8.45E-04
			Arsenic	2.13E-05	4.44E-05	8.64E-05	3.79E-04
			Cadmium	1.63E-05	3.40E-05	6.63E-05	2.90E-04
			Chromium Compounds	3.97E-05	8.29E-05	1.61E-04	7.07E-04
			Formaldehyde	4.01E-03	8.38E-03	1.63E-02	7.15E-02
			Hexane (n-Hexane)	8.90E-04	1.86E-03	3.62E-03	1.58E-02
			Lead Compounds	8.57E-05	1.79E-04	3.49E-04	1.53E-03
			Manganese	3.83E-05	7.99E-05	1.56E-04	6.81E-04
			Mercury Compounds	4.25E-06	8.88E-06	1.73E-05	7.57E-05
			Nickel	4.33E-03	9.04E-03	1.76E-02	7.71E-02
			Selenium Compounds	4.25E-06	8.88E-06	1.73E-05	7.57E-05

* Not Significant Source

Summary of HAP Emissions for 1994

Page: 28

AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
*	TRA	604 035	Dichloromethane (Methylen	2.00E+00	2.00E+00	2.00E+00	5.40E+00
*		619 008	1,3-Butadiene	3.45E-03	8.97E-05	3.45E-03	3.11E-03
*			Arsenic	1.70E-05	4.42E-07	1.70E-05	1.53E-05
*			Benzene	3.89E-03	1.01E-04	3.89E-03	3.51E-03
*			Chromium Compounds	2.98E-05	7.74E-07	2.98E-05	2.68E-05
*			Lead Compounds	2.34E-04	6.08E-06	2.34E-04	2.10E-04
*			Manganese	2.98E-05	7.74E-07	2.98E-05	2.68E-05
*			Mercury Compounds	8.50E-06	2.21E-07	8.50E-06	7.65E-06
*			Nickel	1.28E-05	3.32E-07	1.28E-05	1.15E-05
*			Selenium Compounds	8.50E-06	2.21E-07	8.50E-06	7.65E-06
*		009	1,3-Butadiene	3.45E-03	8.97E-05	3.45E-03	3.11E-03
*			Arsenic	1.70E-05	4.42E-07	1.70E-05	1.53E-05
*			Benzene	3.89E-03	1.01E-04	3.89E-03	3.51E-03
*			Chromium Compounds	2.98E-05	7.74E-07	2.98E-05	2.68E-05
*			Lead Compounds	2.34E-04	6.08E-06	2.34E-04	2.10E-04
*			Manganese	2.98E-05	7.74E-07	2.98E-05	2.68E-05
*			Mercury Compounds	8.50E-06	2.21E-07	8.50E-06	7.65E-06
*			Nickel	1.28E-05	3.32E-07	1.28E-05	1.15E-05
*			Selenium Compounds	8.50E-06	2.21E-07	8.50E-06	7.65E-06
*		633 003	1,3-Butadiene	3.45E-03	8.97E-05	3.45E-03	3.11E-03
*			Arsenic	1.70E-05	4.42E-07	1.70E-05	1.53E-05
*			Benzene	3.89E-03	1.01E-04	3.89E-03	3.51E-03
*			Chromium Compounds	2.98E-05	7.74E-07	2.98E-05	2.68E-05
*			Lead Compounds	2.34E-04	6.08E-06	2.34E-04	2.10E-04
*			Manganese	2.98E-05	7.74E-07	2.98E-05	2.68E-05
*			Mercury Compounds	8.50E-06	2.21E-07	8.50E-06	7.65E-06
*			Nickel	1.28E-05	3.32E-07	1.28E-05	1.15E-05
*			Selenium Compounds	8.50E-06	2.21E-07	8.50E-06	7.65E-06
*		004	1,3-Butadiene	3.45E-03	8.97E-05	3.45E-03	3.11E-03
*			Arsenic	1.70E-05	4.42E-07	1.70E-05	1.53E-05
*			Benzene	3.89E-03	1.01E-04	3.89E-03	3.51E-03
*			Chromium Compounds	2.98E-05	7.74E-07	2.98E-05	2.68E-05
*			Lead Compounds	2.34E-04	6.08E-06	2.34E-04	2.10E-04
*			Manganese	2.98E-05	7.74E-07	2.98E-05	2.68E-05
*			Mercury Compounds	8.50E-06	2.21E-07	8.50E-06	7.65E-06
*			Nickel	1.28E-05	3.32E-07	1.28E-05	1.15E-05
*			Selenium Compounds	8.50E-06	2.21E-07	8.50E-06	7.65E-06
*		661 008	Arsenic	5.00E-02	5.00E-02	5.00E-02	2.20E-01
*			Carbon tetrachloride	1.70E+00	1.80E+00	1.70E+00	7.40E+00
*			Chloroform	6.60E+00	6.90E+00	6.60E+00	2.90E+01
*			Dichloromethane (Methylen	6.60E+00	6.90E+00	6.60E+00	2.90E+01

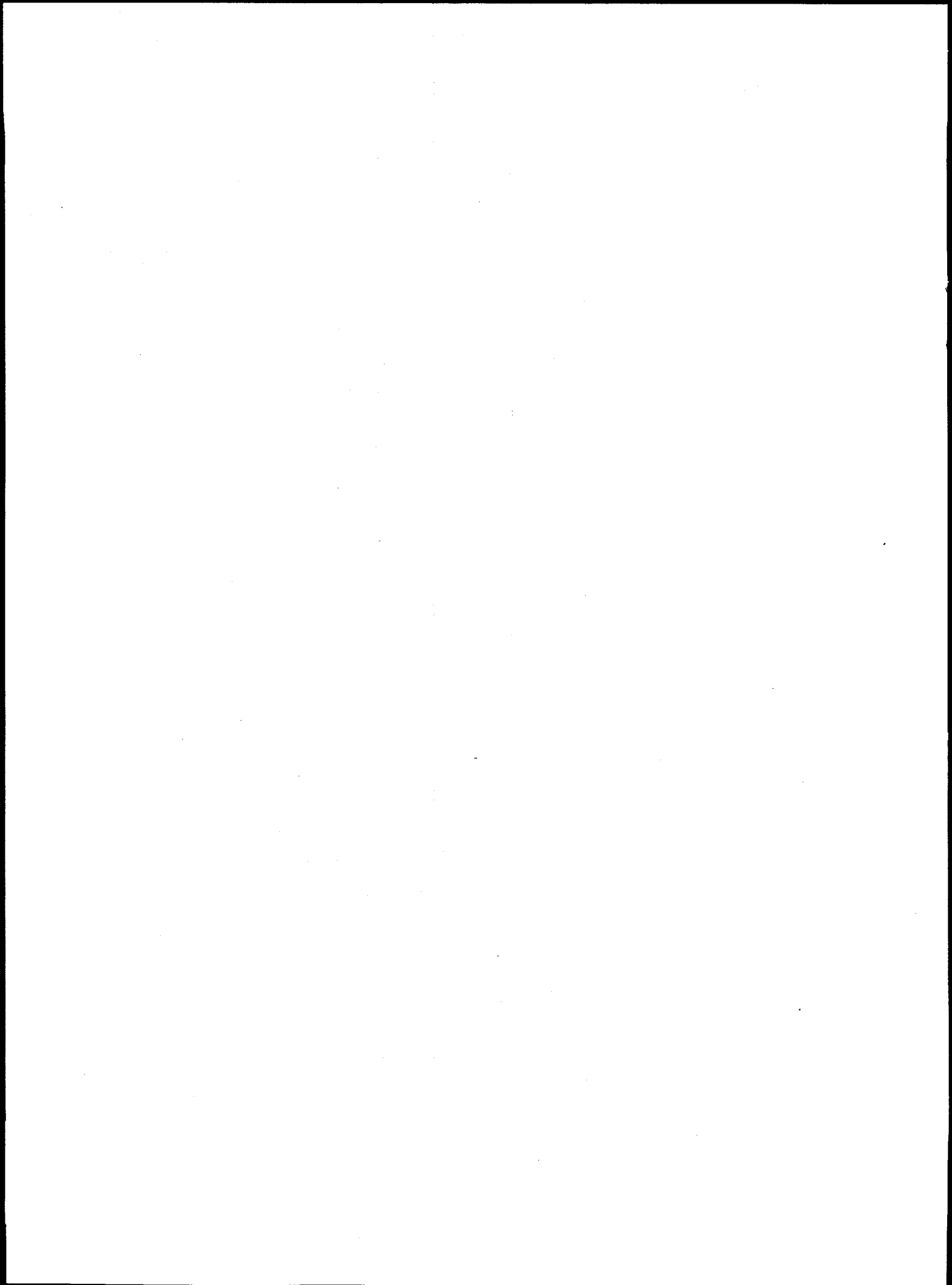
* Not Significant Source

Summary of HAP Emissions for 1994

Page: 29

AREA	BLDG	VENT	Toxic	Actual Hourly Rates Lbs/Hr or Ci/Mo	Actual Yearly Rates Tns/Yr or Ci/Yr	Max. Hourly Rates Lbs/Hr or Ci/Mo	Max. Yearly Rates Tns/Yr or Ci/Yr
* TRA	661	008	Dimethylphthalate	9.90E-01	9.90E-01	9.90E-01	4.40E+00
*			Hexane (n-Hexane)	2.60E+00	2.60E+00	2.60E+00	1.15E+01
*			Hydrochloric acid	6.70E+00	6.70E+00	6.70E+00	3.80E+01
*			Methanol, see Methyl alcoh	1.10E+01	1.10E+01	1.10E+01	4.90E+01
*			Naphthalene	2.20E-01	2.20E-01	2.20E-01	9.70E-01
*			Phenol	2.20E-02	2.20E-02	2.20E-02	9.70E-02
*			Phosphorus	1.10E-01	1.10E-01	1.10E-01	5.00E-01
*			Selenium Compounds	3.00E-02	3.00E-02	3.00E-02	1.20E-01
*			Toluene (toluol)	1.80E+00	1.80E+00	1.80E+00	7.90E+00
*			Trichloroethylene	3.10E-01	3.10E-01	3.10E-01	1.30E+00
	670	046	1,3-Butadiene	4.60E-02	1.01E-01	5.75E-02	2.52E-01
			Arsenic	1.80E-05	3.95E-05	2.26E-05	9.88E-05
			Benzene	5.20E-02	1.14E-01	6.49E-02	2.84E-01
			Chromium Compounds	3.16E-05	6.91E-05	3.95E-05	1.73E-04
			Lead Compounds	2.48E-04	5.43E-04	3.10E-04	1.36E-03
			Manganese	3.16E-05	6.91E-05	3.95E-05	1.73E-04
			Mercury Compounds	9.02E-06	1.97E-05	1.13E-05	4.94E-05
			Nickel	1.35E-05	2.96E-05	1.69E-05	7.41E-05
			Selenium Compounds	9.02E-06	1.97E-05	1.13E-05	4.94E-05
	053		1,3-Butadiene	4.60E-02	9.99E-02	5.75E-02	2.52E-01
			Arsenic	1.80E-05	3.92E-05	2.26E-05	9.88E-05
			Benzene	5.20E-02	1.13E-01	6.49E-02	2.84E-01
			Chromium Compounds	3.16E-05	6.85E-05	3.95E-05	1.73E-04
			Lead Compounds	2.48E-04	5.38E-04	3.10E-04	1.36E-03
			Manganese	3.16E-05	6.85E-05	3.95E-05	1.73E-04
			Mercury Compounds	9.02E-06	1.96E-05	1.13E-05	4.94E-05
			Nickel	1.35E-05	2.94E-05	1.69E-05	7.41E-05
			Selenium Compounds	9.02E-06	1.96E-05	1.13E-05	4.94E-05
	674	007	1,3-Butadiene	1.86E-02	2.43E-04	3.73E-02	1.52E-02
			Arsenic	9.18E-05	1.20E-06	1.84E-04	7.50E-05
			Benzene	2.10E-02	2.75E-04	4.21E-02	1.72E-02
			Chromium Compounds	1.61E-04	2.10E-06	3.22E-04	1.31E-04
			Lead Compounds	1.26E-03	1.65E-05	2.53E-03	1.03E-03
			Manganese	1.61E-04	2.10E-06	3.22E-04	1.31E-04
			Mercury Compounds	4.59E-05	5.99E-07	9.19E-05	3.75E-05
			Nickel	6.88E-05	8.99E-07	1.38E-04	5.62E-05
			Selenium Compounds	4.59E-05	5.99E-07	9.19E-05	3.75E-05

* Not Significant Source



Appendix C

Supporting Data for the 1994 Air Emission Inventory for the INEL

Appendix C

Supporting Data for the 1994 Air Emission Inventory for the INEL

This appendix presents the data collected for the current update of the Air Emission Inventory System and describes each report form in detail. All the forms list the area, building, and stack number. The following presents the information as titled on each form.

C.1 AIR EMISSION INVENTORY PROCESS PARAMETERS

This form contains the operating schedule for the process associated with the stack emissions. Some of the operating schedule parameters may not correspond exactly with the INEL's Title V Operation Permit Application. This will be corrected for the 1995 Inventory.

- Column 1. Hr/Day - the number of hours in a day the equipment or process operates.
- Column 2. Days/Week - the number of days in a week the equipment or process operates.
- Column 3. Weeks/Year - the number of weeks in a year the equipment or process operates.
- Column 4. Status - status of source (active, inactive, D&D).

C.2 AIR EMISSION INVENTORY STACK PARAMETERS

This form lists of all the stack parameters currently recorded for each stack. Some of the stack parameters may not correspond exactly with the INEL's Title V Operation Permit Application. This will be corrected for the 1995 Inventory.

- Column 1. Exit Temp (°F) - the exit temperature of the emissions from the vent in degrees Fahrenheit.
- Column 2. Temp Type - the character field for the temperature which describes it as either ambient or room temperature.
- Column 3. Flow Rate - the flow rate of the emissions from the stack in cubic feet per minute.
- Column 4. Velocity - the velocity of the emissions from the stack in feet per minute.
- Column 5. Hgt grnd - the height of the stack from the ground in feet.

- Column 6. Elev - the elevation of the stack from sea level in feet.
- Column 7. Dia or Length - the diameter of a round stack or the length of a stack for rectangular stacks in inches.
- Column 8. Width - the width of a stack for rectangular stacks in inches.
- Column 9. UTM Northing - the universal transverse mercator (UTM) northing coordinate in meters.
- Column 10. UTM Easting - the UTM easting coordinate in meters.

C.3 AIR EMISSION INVENTORY FUEL BURNING EQUIPMENT PART I

This form lists information about the fuel burning equipment currently emitting emissions at the site.

- Column 1. E - The type of fuel burning equipment: B - Boiler, F - Furnace, H - Heater, L - Large Engine, P - Propane Burner, or S -Small Engine.
- Column 2. Primary Normal per Hour - the normal hourly fuel through put for the primary fuel type for this piece of equipment in gallons per hour.
- Column 3. Primary Normal per Year - the normal yearly fuel through put for the primary fuel type for this piece of equipment in gallons per year.
- Column 4. Primary Max per Hour - the maximum hourly fuel through put for the primary fuel type for this piece of equipment in gallons per hour.
- Column 5. Primary Fuel - the primary fuel type burned in this equipment. See the list of fuel types in Table C-1.
- Column 6. Second Normal per Hour - the normal hourly fuel through put for the secondary fuel type for this piece of equipment in gallons per hour.
- Column 7. Second Normal per Year - the normal yearly fuel through put for the secondary fuel type for this piece of equipment in gallons per year.
- Column 8. Second Max per Hour - the maximum hourly fuel through put for the secondary fuel type for this piece of equipment in gallons per hour.
- Column 9. Secondary Fuel - the secondary fuel type burned in this equipment.

Table C-1. Fuel types and grades for primary and secondary fuels.

Fuel type	Grade	Fuel type	Grade
Diesel	1	Diesel	2
Fuel oil	1	Fuel oil	2
Fuel oil	4	Fuel oil	5
Fuel oil	6		
Propane	A	Propane	B
Propane	C	Propane	D
Propane	E		
Butane	A	Butane	B
Butane	C	Butane	D
Butane	E		
Gasoline	7	Gasoline	10
Gasoline	13	Natural gas	0
Gasohol	0	JP-4	0

C.4 AIR EMISSION INVENTORY FUEL BURNING EQUIPMENT PART II

This form is part two of the information about fuel burning equipment.

- Column 1. E - The type of fuel burning equipment: B - Boiler, F - Furnace, H - Heater, L - Large Engine, P - Propane Burner, or S - Small Engine.
- Column 2. Rated Heat - the rated heat value for a boiler.
- Column 3. Class - the class of boiler, furnace or heater.
- Column 4. Engine Horse Power - the horsepower for engines.
- Column 5. Maximum Hours - The maximum number of hours that the engine can operate.

C.5 AIR EMISSION INVENTORY ORGANIC STORAGE TANKS - PART I

This form contains information about the organic storage tanks.

- Column 1. Annual Thru Put - the annual material through put for the tank in gallons per year.
- Column 2. Ave. % Full - the average percent full of the tank.
- Column 3. Fill Rate - the fill rate for the tank during refilling process in gallons per minute.
- Column 4. Vapor Space Height - the vapor space height of the tank in feet.
- Column 5. Capacity - the capacity of the tank in gallons.

- Column 6. Tank Dia - the tank diameter in feet.
- Column 7. Tank Length - the length of the tank in feet.
- Column 8. Tank Type - the type of tank. (fixed roof, floating roof, variable vapor space, or pressure tank)
- Column 9. Material Stored - the material stored in the tank.
- Column 10. Tank Location - the location of the tank, either inside or outside of a building.

C.6 AIR EMISSION INVENTORY ORGANIC STORAGE TANKS - PART II

This form contains information about the organic storage tanks.

- Column 1. Air Flow Rate - the air flow rate through the tank in cubic feet per minute.
- Column 2. J - (Y/N) is there an inert gas jacket around the tank.
- Column 3. Vapor Recovery Method - the vapor recovery method used for the tank.
- Column 4. % Recover Eff - the efficiency of the recovery method stated above.
- Column 5. Tank Location - the location of the tank, either under ground or above ground.
- Column 6. Orient - the orientation of the tank, horizontal or vertical.
- Column 7. Roof Color - the color of the roof.
- Column 8. Roof Cond - the condition of the paint on the roof.
- Column 9. Shell Color - the color of the shell. See Table C-2 for a preferred list of colors.
- Column 10. Shell Cond - the condition of the paint on the shell.

C.7 AIR EMISSION INVENTORY INORGANIC STORAGE TANKS - PART I

This form contains information about the inorganic storage tanks.

- Column 1. Annual Thru Put - the annual material through put for the tank in gallons per year.
- Column 2. Ave. % Full - the average percent full of the tank.
- Column 3. Fill Rate - the fill rate for the tank during refilling process in gallons per minute.

- Column 4. Vapor Space Height - the vapor space height of the tank in feet.
- Column 5. Capacity - the capacity of the tank in gallons.
- Column 6. Tank Dia - the tank diameter in feet.
- Column 7. Tank Length - the length of the tank in feet.
- Column 8. Tank Type - the type of tank. (fixed roof, floating roof, variable vapor space, or pressure tank)
- Column 9. Material Stored - the material stored in the tank.
- Column 10. Tank Location - the location of the tank, either inside or outside of a building.

Table C-2. Preferred conditions and colors for tanks.

Preferred Colors:

White	Shiny silver	Flat silver
Light grey	Medium grey	Silver, dull
Grey	Aluminum, specular	Aluminum, diffuse
Preferred Conditions:	Good	Poor

C.8 AIR EMISSION INVENTORY INORGANIC STORAGE TANKS - PART II

This form contains information about the inorganic storage tanks.

- Column 1. Air Flow Rate - the air flow rate through the tank in cubic feet per minute.
- Column 2. J - (Y/N) is there an inert gas jacket around the tank.
- Column 3. Vapor Recovery Method - the vapor recovery method used for the tank.
- Column 4. % Recover Eff - the efficiency of the recovery method stated above.
- Column 5. Tank Location - the location of the tank, either under ground or above ground.
- Column 6. Orient - the orientation of the tank, horizontal or vertical.
- Column 7. Roof Color - the color of the roof.
- Column 8. Roof Cond - the condition of the paint on the roof.
- Column 9. Shell Color - the color of the shell.

Column 10. Shell Cond - the condition of the paint on the shell. See Table 2 for a preferred list of colors.

C.9 AIR EMISSION INVENTORY PROCESS CONTROL EQUIPMENT

This form lists the emissions control equipment for a source. This list may not correspond exactly with the control equipment which is being claimed for the INEL's Title V Air Operating Permit Application. This will be corrected in the 1995 Inventory.

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
ANL	701	009	FUEL BURNING EQUIPMENT	0.30	1.00	52.00	ACTIVE
		012	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	704	008	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	707	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	FUEL BURNING EQUIPMENT	0.50	1.00	52.00	ACTIVE
	709	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	0.84	1.00	16.00	ACTIVE
		009	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		016	FUEL BURNING EQUIPMENT	0.94	1.00	16.00	ACTIVE
	720	007	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		017	FUEL BURNING EQUIPMENT	0.48	1.00	52.00	ACTIVE
		025	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		027	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	721	003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	742	002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		005	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		006	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	752	004	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		005	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	752A	001	FUEL BURNING EQUIPMENT	0.50	1.00	52.00	ACTIVE
		005	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	753	029	CHEMICAL SOURCE	4.00	5.00	52.00	ACTIVE
	754	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		003	FUEL BURNING EQUIPMENT	0.50	1.00	52.00	ACTIVE
	755A	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	755B	002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	764	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	766	056	CHEMICAL SOURCE	24.00	7.00	3.00	ACTIVE
		057	CHEMICAL SOURCE	24.00	7.00	3.00	ACTIVE
	768	003	FUEL BURNING EQUIPMENT	0.33	1.00	52.00	ACTIVE
		004	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		005	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		022	FUEL BURNING EQUIPMENT	4.00	7.00	52.00	ACTIVE
		024	FUEL BURNING EQUIPMENT	4.00	7.00	52.00	ACTIVE
		027	FUEL BURNING EQUIPMENT	4.00	7.00	52.00	ACTIVE
		028	FUEL BURNING EQUIPMENT	0.10	1.00	52.00	ACTIVE
		034	FUEL BURNING EQUIPMENT	4.00	7.00	52.00	ACTIVE
		105	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		108	CHEMICAL SOURCE	2.00	5.00	52.00	ACTIVE
	768B	121	CHEMICAL SOURCE	2.00	5.00	52.00	ACTIVE
	774	001	FUEL BURNING EQUIPMENT	0.50	1.00	52.00	ACTIVE
		003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		008	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		025	CHEMICAL SOURCE	0.00	0.00	0.00	INACTIVE
	777	002	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	784	010	CHEMICAL SOURCE	0.00	0.00	0.00	INACTIVE
	785	011	CHEMICAL SOURCE	3.00	1.00	52.00	ACTIVE
		015	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		017	FUEL BURNING EQUIPMENT	0.24	1.00	52.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
ANL	785	018	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	787	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	793	001	CHEMICAL SOURCE	8.00	5.00	20.00	ACTIVE
		012	STORAGE TANK - VOC	8.00	5.00	5.00	ACTIVE
		014	STORAGE TANK - VOC	8.00	3.00	2.00	ACTIVE
	793A	025	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		027	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		029	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		031	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		033	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		035	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	798	017	CHEMICAL SOURCE	0.30	7.00	52.00	ACTIVE
	799	003	CHEMICAL SOURCE	0.00	0.00	0.00	INACTIVE
		010	CHEMICAL SOURCE	0.00	0.00	0.00	INACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
B08	601	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		003	FUEL BURNING EQUIPMENT	1.00	1.00	26.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
B16	601	008	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	703	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	704	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	708	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
B21	608	008	CHEMICAL SOURCE	12.00	7.00	52.00	ACTIVE
		012	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
B23	602	002	STORAGE TANK - VOC	1.00	1.00	26.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
B27	601	001	FUEL BURNING EQUIPMENT	0.50	1.00	52.00	ACTIVE
		003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
CFA	100	001	CHEMICAL SOURCE	6.00	5.00	52.00	ACTIVE
	101	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	102	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	103	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	104	001		6.00	5.00	52.00	ACTIVE
	105	001		24.00	2.30	52.00	ACTIVE
	1603	001	FUEL BURNING EQUIPMENT	0.50	1.00	52.00	ACTIVE
		002	FUEL BURNING EQUIPMENT	0.50	1.00	52.00	ACTIVE
		003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		004	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	1701	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	1702	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	1703	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	1708	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	1709	001	STORAGE TANK - VOC				
		002	STORAGE TANK - VOC				
		003	STORAGE TANK - VOC				
		004	STORAGE TANK - VOC				
		005	STORAGE TANK - VOC				
		006	STORAGE TANK - VOC				
		007	STORAGE TANK - VOC				
	602	016	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	604	001	FUEL BURNING EQUIPMENT	0.50	1.00	12.00	ACTIVE
	607	004	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
	608	001	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
		005	STORAGE TANK - VOC	8.00	5.00	52.00	
	609	001	FUEL BURNING EQUIPMENT	0.50	1.00	12.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		005	FUEL BURNING EQUIPMENT	24.00	7.00	36.00	ACTIVE
		017	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		019					
		020		8.00	5.00	52.00	
	612	007	CHEMICAL SOURCE	2.00	1.00	52.00	ACTIVE
		008	CHEMICAL SOURCE	8.00	1.50	52.00	ACTIVE
		010	CHEMICAL SOURCE	8.00	2.00	52.00	ACTIVE
		012	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
	613	003	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
	617	010	CHEMICAL SOURCE	0.00	0.00	0.00	INACTIVE
		011	CHEMICAL SOURCE	0.00	0.00	0.00	INACTIVE
		024	FUEL BURNING EQUIPMENT	0.00	0.00	0.00	INACTIVE
		026	CHEMICAL SOURCE	0.00	0.00	0.00	INACTIVE
		030	CHEMICAL SOURCE	0.00	0.00	0.00	INACTIVE
		031	CHEMICAL SOURCE	0.00	0.00	0.00	INACTIVE
		033	CHEMICAL SOURCE	0.00	0.00	0.00	INACTIVE
		034	CHEMICAL SOURCE	0.00	0.00	0.00	INACTIVE
	622	009	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		015	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		019	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		020	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
CFA	622	021	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
	623	005	CHEMICAL SOURCE	4.00	5.00	52.00	ACTIVE
		007	CHEMICAL SOURCE	3.00	5.00	52.00	ACTIVE
		017	CHEMICAL SOURCE	4.00	5.00	52.00	ACTIVE
	625	009	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		010	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
	633	067	CHEMICAL SOURCE	0.50	1.50	52.00	ACTIVE
		091	FUEL BURNING EQUIPMENT	0.00	0.00	0.00	INACTIVE
	640	029					
	650	007	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
	662	011	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
		027	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
	664	034	FUEL BURNING EQUIPMENT	4.00	5.00	52.00	ACTIVE
		035	FUEL BURNING EQUIPMENT	4.00	5.00	52.00	ACTIVE
	665	028	FUEL BURNING EQUIPMENT	0.00	0.00	0.00	INACTIVE
		029	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
		030	FUEL BURNING EQUIPMENT	0.00	0.00	0.00	INACTIVE
		050	CHEMICAL SOURCE	6.00	5.00	52.00	ACTIVE
	668	006	FUEL BURNING EQUIPMENT	0.50	1.00	52.00	ACTIVE
		023	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
	671	007	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
	674	044	CHEMICAL SOURCE	1.50	1.00	52.00	ACTIVE
	675	002	FUEL BURNING EQUIPMENT	0.50	1.00	12.00	ACTIVE
	679	007	FUEL BURNING EQUIPMENT	0.50	1.00	52.00	ACTIVE
	684	002	STORAGE TANK - VOC	0.00	0.00	0.00	INACTIVE
	688	002	CHEMICAL SOURCE	2.00	5.00	52.00	ACTIVE
		003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		043	FUEL BURNING EQUIPMENT	24.00	7.00	37.00	ACTIVE
		044	FUEL BURNING EQUIPMENT	24.00	7.00	37.00	ACTIVE
		047	FUEL BURNING EQUIPMENT	0.50	1.00	12.00	ACTIVE
	689	034	CHEMICAL SOURCE	4.00	5.00	52.00	ACTIVE
	690	001	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		002	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		003	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		004	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		005	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		006	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		007	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		008	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		009	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		010	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		015	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		042	CHEMICAL SOURCE	0.00	0.00	0.00	ACTIVE
		045	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		047	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		048	CHEMICAL SOURCE	0.00	0.00	0.00	ACTIVE
		049	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		059	CHEMICAL SOURCE	0.00	0.00	0.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
CFA	696	001	FUEL BURNING EQUIPMENT	3.00	5.00	50.00	
		002	FUEL BURNING EQUIPMENT	3.00	5.00	50.00	
		003	CHEMICAL SOURCE	3.00	4.00	50.00	
		005		8.00	5.00	50.00	
		006	FUEL BURNING EQUIPMENT	8.00	5.00	50.00	
		007	FUEL BURNING EQUIPMENT	8.00	5.00	50.00	
		008	FUEL BURNING EQUIPMENT	8.00	5.00	50.00	
		009	FUEL BURNING EQUIPMENT	8.00	5.00	50.00	
		010	FUEL BURNING EQUIPMENT	8.00	5.00	50.00	
		011	FUEL BURNING EQUIPMENT	8.00	5.00	50.00	
		012	FUEL BURNING EQUIPMENT	8.00	5.00	50.00	
		021	FUEL BURNING EQUIPMENT				
		022					
		023					
		024					
		025					
		026					
		027					
		040	FUEL BURNING EQUIPMENT	8.00	5.00	50.00	
	698	007	CHEMICAL SOURCE	2.00	1.00	1.00	ACTIVE
		013	CHEMICAL SOURCE	8.00	2.00	52.00	ACTIVE
	708	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	713	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	721	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	729	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	730	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	731	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	732	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	734	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	735	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	738	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	739	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	741	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	749	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	754	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		004	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		005	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		006	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		007	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	757	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	759	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
CPP	012	001	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
	015	001	CHEMICAL SOURCE				
	025	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	1608	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	1611	001	CHEMICAL SOURCE	24.00	7.00	26.00	ACTIVE
	1612	001	CHEMICAL SOURCE	24.00	7.00	26.00	ACTIVE
	1617	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	1619	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		005	CHEMICAL SOURCE	0.00	0.00	0.00	ACTIVE
	1642	003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		007	FUEL BURNING EQUIPMENT	7.40	7.00	52.00	ACTIVE
	1643	003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		007	FUEL BURNING EQUIPMENT	7.40	7.00	52.00	ACTIVE
	1646	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	1749	002	STORAGE TANK - VOC	24.00	7.00	52.00	INACTIVE
		004	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
	601	009	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
		014	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		024	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	602	012	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		014	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		031	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
	603	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	14.80	7.00	52.00	ACTIVE
		019	CHEMICAL SOURCE				
	604	011	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
	606	004	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		005	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		013	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		019	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		038	CHEMICAL SOURCE	2.50	1.00	16.00	ACTIVE
	614	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	FUEL BURNING EQUIPMENT	7.40	7.00	52.00	ACTIVE
	616	004	FUEL BURNING EQUIPMENT	7.40	7.00	52.00	ACTIVE
		007	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	620	NA	CHEMICAL SOURCE				
	621	003	CHEMICAL SOURCE	1.00	1.00	33.00	ACTIVE
	627	007	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		008	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		010	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		013	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		016	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	630	011	CHEMICAL SOURCE	0.00	0.00	0.00	ACTIVE
		012	CHEMICAL SOURCE	0.00	0.00	0.00	ACTIVE
	637	010	CHEMICAL SOURCE	16.00	5.00	52.00	ACTIVE
		021	CHEMICAL SOURCE	16.00	5.00	52.00	ACTIVE
		032	CHEMICAL SOURCE	8.00	5.00	24.00	ACTIVE
		035	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		036	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
CPP	637	042	CHEMICAL SOURCE	8.00	5.00	20.00	ACTIVE
		045	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
		052	CHEMICAL SOURCE				
		053					
		056	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		057	STORAGE TANK - VOC				
		058					
		064	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
	644	002	FUEL BURNING EQUIPMENT	3.80	1.00	52.00	ACTIVE
		004	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		005	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		006	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		013	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	648	002	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	654	007	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		009	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		010	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		011	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		012	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		018	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
		019	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
	655	023	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
		026	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		027	FUEL BURNING EQUIPMENT				
		028	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		030	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		031	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		006	FUEL BURNING EQUIPMENT	3.80	1.00	52.00	ACTIVE
		007	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	3.80	1.00	52.00	ACTIVE
		010	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		011	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	659	025	CHEMICAL SOURCE	6.00	6.00	52.00	ACTIVE
		033	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		035	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		003	CHEMICAL SOURCE	16.00	5.00	52.00	ACTIVE
		002	CHEMICAL SOURCE	16.00	5.00	52.00	INACTIVE
	663	045	CHEMICAL SOURCE	16.00	5.00	52.00	ACTIVE
		048	CHEMICAL SOURCE	16.00	5.00	52.00	ACTIVE
		054	CHEMICAL SOURCE	16.00	5.00	52.00	ACTIVE
		001	CHEMICAL SOURCE				
		002	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
	679	003	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
		001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	684	002	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		010	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	687	011	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		012	CHEMICAL SOURCE				

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
CPP	687	026	FUEL BURNING EQUIPMENT	3.80	1.00	52.00	ACTIVE
		033	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		034	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		044	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		049	FUEL BURNING EQUIPMENT	14.80	7.00	52.00	ACTIVE
	694	007	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		008	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		009	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		010	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	698	004	CHEMICAL SOURCE	16.00	5.00	52.00	ACTIVE
		006	CHEMICAL SOURCE	16.00	5.00	52.00	ACTIVE
		009	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		010	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		016	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		017	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		018	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
	701A	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	701B	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	702A	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	702B	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	703	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	708	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	716	003	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	719A	001	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
	719B	001	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
	720A	001	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
	720B	001	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
	720C	001	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
	727	003	INORGANIC STORAGE TANK				
	760	002	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	764	002	CHEMICAL SOURCE	8.00	7.00	52.00	ACTIVE
	765	003	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	767	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	775	005	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	787	001	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
	791	004	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	792	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		002	CHEMICAL SOURCE	2.00	7.00	52.00	ACTIVE
		003	CHEMICAL SOURCE	2.00	7.00	52.00	ACTIVE
	793	002	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	794	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	795	004	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	798	001	INORGANIC STORAGE TANK	0.00	0.00	0.00	ACTIVE
T-6	001		FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		004	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
TR19	002		FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
TR29	001		FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
HPTF	601	001	FUEL BURNING EQUIPMENT	0.50	1.00	52.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
NRF	601	023	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		036	CHEMICAL SOURCE	6.00	2.00	25.00	ACTIVE
		19A	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		19C	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		19F	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		HBR	CHEMICAL SOURCE	24.00	7.00	52.00	
	602	005	FUEL BURNING EQUIPMENT	2.00	1.00	52.00	ACTIVE
		006	CHEMICAL SOURCE	2.00	5.00	52.00	ACTIVE
		008	CHEMICAL SOURCE	4.00	1.00	52.00	ACTIVE
		023	CHEMICAL SOURCE	1.00	1.00	52.00	ACTIVE
		037	CHEMICAL SOURCE	1.00	1.00	40.00	ACTIVE
	603	039	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
	605	NA	CHEMICAL SOURCE	24.00	7.00	52.00	Active
	616	012	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		039	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	616A	002	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	616B	PCM	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	617	002	CHEMICAL SOURCE	24.00	7.00	52.00	Active
		013	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		020	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	617C	001	FUEL BURNING EQUIPMENT	0.00	0.00	0.00	INACTIVE
		002	FUEL BURNING EQUIPMENT	0.00	0.00	0.00	INACTIVE
		003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	618	099	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		103	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		200	STORAGE TANK - VOC	0.00	0.00	0.00	INACTIVE
		HBR	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	619	004	CHEMICAL SOURCE	1.00	4.00	52.00	ACTIVE
		016	CHEMICAL SOURCE	1.00	4.00	52.00	ACTIVE
		017	CHEMICAL SOURCE	1.00	4.00	52.00	ACTIVE
		018	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	620	012	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
		013	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
		014	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
	622	001	FUEL BURNING EQUIPMENT	1.00	1.00	16.00	ACTIVE
	628A	006	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	631	NA	CHEMICAL SOURCE	24.00	7.00	52.00	
	633A	004	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		024	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
		038	FUEL BURNING EQUIPMENT	1.00	2.00	52.00	ACTIVE
		057	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		088	CHEMICAL SOURCE	1.00	3.00	52.00	REMOVED
		089	CHEMICAL SOURCE	1.00	3.00	52.00	Active
	635	006	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		007	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
	642	NA	CHEMICAL SOURCE	24.00	7.00	52.00	
	663	022	CHEMICAL SOURCE	2.00	1.00	52.00	ACTIVE
	686	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
NRF	686	003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		004	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		016	FUEL BURNING EQUIPMENT	4.00	1.00	14.00	ACTIVE
		017	FUEL BURNING EQUIPMENT	4.00	1.00	14.00	ACTIVE
		018	FUEL BURNING EQUIPMENT	4.00	1.00	14.00	ACTIVE
		019	FUEL BURNING EQUIPMENT	4.00	1.00	14.00	ACTIVE
	708	001	CHEMICAL SOURCE	24.00	7.00	52.00	INACTIVE
	709	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	710	001	CHEMICAL SOURCE	24.00	7.00	52.00	INACTIVE
	711A	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	711B	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	711C	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	716	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	718	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	727	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	728	008	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	730C	031	STORAGE TANK - VOC	0.00	0.00	0.00	INACTIVE
	739	008	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		009	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	743	001	INORGANIC STORAGE TANK	24.00	7.00	52.00	INACTIVE
	745	001	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
		002	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
	747	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	759A	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	759B	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	SOIL	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		002	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		003	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		004	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
PER	601	010	FUEL BURNING EQUIPMENT	24.00	7.00	41.00	ACTIVE
	601A	010	FUEL BURNING EQUIPMENT	24.00	7.00	41.00	ACTIVE
	609	006	FUEL BURNING EQUIPMENT	7.00	7.00	52.00	ACTIVE
		010	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	612	006	FUEL BURNING EQUIPMENT	24.00	7.00	41.00	ACTIVE
	613	009	FUEL BURNING EQUIPMENT	24.00	7.00	38.00	ACTIVE
	620	001	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
		023	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
		041	CHEMICAL SOURCE				
	624	005	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
	625	001	FUEL BURNING EQUIPMENT	0.00	0.00	0.00	INACTIVE
		002	STORAGE TANK - VOC	0.00	0.00	0.00	INACTIVE
		004	STORAGE TANK - VOC	0.00	0.00	0.00	INACTIVE
		005					
	632	007	FUEL BURNING EQUIPMENT	24.00	7.00	41.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	24.00	7.00	41.00	ACTIVE
	638	004	FUEL BURNING EQUIPMENT	2.00	4.00	52.00	ACTIVE
		005	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	705	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	711	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	716	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	722	001	STORAGE TANK - VOC				
	737	001	STORAGE TANK - VOC				
	740	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	742	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	743	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	752	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	755	001	CHEMICAL SOURCE	24.00	7.00	34.00	ACTIVE
	756	001					
	765	001	CHEMICAL SOURCE	2.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
TAN	603	011	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		022	FUEL BURNING EQUIPMENT	2.40	7.00	3.00	ACTIVE
		027	FUEL BURNING EQUIPMENT	24.00	7.00	32.00	ACTIVE
		028	FUEL BURNING EQUIPMENT	24.00	7.00	32.00	ACTIVE
	604	022	CHEMICAL SOURCE	2.00	1.00	50.00	ACTIVE
		029	CHEMICAL SOURCE	8.00	1.00	2.00	ACTIVE
		031	CHEMICAL SOURCE	0.50	1.00	16.00	ACTIVE
	606	005	CHEMICAL SOURCE	3.70	5.00	50.00	ACTIVE
		026	CHEMICAL SOURCE	2.00	5.00	52.00	ACTIVE
		027	CHEMICAL SOURCE	2.00	5.00	52.00	ACTIVE
	607	013	CHEMICAL SOURCE	1.00	1.00	26.00	ACTIVE
		039	CHEMICAL SOURCE	0.44	4.00	50.00	ACTIVE
		041	CHEMICAL SOURCE	6.00	4.00	50.00	ACTIVE
		046	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		047	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		119	CHEMICAL SOURCE	9.39	4.00	52.00	ACTIVE
	610	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	FUEL BURNING EQUIPMENT	0.50	1.00	52.00	ACTIVE
	629	002	CHEMICAL SOURCE	0.58	4.00	26.00	ACTIVE
		012	CHEMICAL SOURCE	0.34	4.00	52.00	ACTIVE
		013	CHEMICAL SOURCE	0.28	7.00	52.00	ACTIVE
		014	CHEMICAL SOURCE	10.00	4.00	52.00	ACTIVE
	636	002	CHEMICAL SOURCE	0.00	0.00	0.00	ACTIVE
	641	034	FUEL BURNING EQUIPMENT	12.00	7.00	36.00	ACTIVE
		035	FUEL BURNING EQUIPMENT	12.00	7.00	36.00	ACTIVE
		042	CHEMICAL SOURCE				Can't locate
	646	043	CHEMICAL SOURCE				INACTIVE
	652	002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		003	FUEL BURNING EQUIPMENT	0.50	1.00	52.00	ACTIVE
	665	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	FUEL BURNING EQUIPMENT	0.50	1.00	52.00	ACTIVE
	666	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	675	010	FUEL BURNING EQUIPMENT	1.08	1.00	52.00	ACTIVE
		021	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		024	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		035	FUEL BURNING EQUIPMENT	24.00	7.00	4.93	ACTIVE
		037	FUEL BURNING EQUIPMENT	24.00	7.00	0.89	ACTIVE
	677	030					
	679	012	FUEL BURNING EQUIPMENT	1.23	1.00	52.00	ACTIVE
		022	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		023	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		024	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		025	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		026	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		027	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		067	FUEL BURNING EQUIPMENT	24.00	7.00	24.08	ACTIVE
		068	FUEL BURNING EQUIPMENT	24.00	7.00	21.71	ACTIVE
		069	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		084	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
TAN	681	004	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		012	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		018	CHEMICAL SOURCE	19.42	4.00	19.75	ACTIVE
		020	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		023	CHEMICAL SOURCE	4.00	2.00	6.00	ACTIVE
	687	008	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		020	FUEL BURNING EQUIPMENT	0.50	1.00	52.00	ACTIVE
	701	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	702	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	0.00	0.00	0.00	INACTIVE
	704	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	724	002	STORAGE TANK - VOC				ACTIVE
	734	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	759	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	766	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	767A	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	767B	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	783	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	792	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	794	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	797	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
TRA	604	035	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		072	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		073	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		074	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		077	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	607	010					
	608	005	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
		008	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
	609A	001					
	614	032	CHEMICAL SOURCE	8.00	5.00	2.00	ACTIVE
	619	006	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	0.50	1.00	52.00	ACTIVE
		009	FUEL BURNING EQUIPMENT	0.50	1.00	52.00	ACTIVE
	625	015					
	632	015	CHEMICAL SOURCE	8.00	2.00	1.00	ACTIVE
		019	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		030	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		041	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	633	002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		003	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		004	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
	653	028	CHEMICAL SOURCE	8.00	2.00	52.00	ACTIVE
	660	004	CHEMICAL SOURCE	8.00	1.00	52.00	ACTIVE
	661	008	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	668	013	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		015	CHEMICAL SOURCE	8.00	5.00	52.00	ACTIVE
	670	046	FUEL BURNING EQUIPMENT	24.00	7.00	26.00	ACTIVE
		048	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		053	FUEL BURNING EQUIPMENT	24.00	7.00	26.00	ACTIVE
		074	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
		086	CHEMICAL SOURCE	8.00	7.00	52.00	ACTIVE
		098	CHEMICAL SOURCE	0.00	0.00	0.00	INACTIVE
	670A	001	FUEL BURNING EQUIPMENT				
		002	STORAGE TANK - VOC				
	671	004	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
		006	INORGANIC STORAGE TANK	0.00	0.00	0.00	INACTIVE
	674	005	STORAGE TANK - VOC	0.00	0.00	0.00	INACTIVE
		007	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
	677	001	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
		002	INORGANIC STORAGE TANK	24.00	7.00	52.00	ACTIVE
	680	001	FUEL BURNING EQUIPMENT				
		002	STORAGE TANK - VOC				
	710	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	715	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	727	001	STORAGE TANK - VOC				ACTIVE
		002	STORAGE TANK - VOC				ACTIVE
		003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		004	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	770	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
TRA	771	001	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	775	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	776	001					
	777B	001	STORAGE TANK - VOC				
	777C	001	STORAGE TANK - VOC				

AREA	BLDG	VENT	Source Type	Hr/ Day	Days/ Week	Weeks/ Year	Status
WMF	601	009	CHEMICAL SOURCE	24.00	7.00	52.00	ACTIVE
	603	005	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
	610	003	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		004	FUEL BURNING EQUIPMENT	1.00	2.00	30.00	ACTIVE
	612	001	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		004	FUEL BURNING EQUIPMENT	1.00	2.00	30.00	ACTIVE
	615	001	CHEMICAL SOURCE	0.00	0.00	0.00	INACTIVE
	628	001	INORGANIC STORAGE TANK				
	629	001					
	637	001	FUEL BURNING EQUIPMENT				
		002	FUEL BURNING EQUIPMENT				
	639	001	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	640	001	CHEMICAL SOURCE	0.00	0.00	0.00	INACTIVE
	656	001					
	700	005					
	711	001	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		004	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
ANL	701	009					1.80E+01	5120.00	8.00E+00			
		012		AMBIENT			8.00E+00	5120.00	2.00E+00			
	704	008	8.40E+01	AMBIENT	1.02E+04	1.40E+03	3.70E+01	5120.00	3.60E+01		4827854.400	366485.555
	707	001		AMBIENT			1.80E+01	5120.00	4.00E+00			
		002					1.60E+01	5120.00	8.00E+00			
	709	001	7.00E+01	AMBIENT			8.00E+00	5120.00	6.00E+00			
		008	1.01E+03		2.57E+03		2.30E+01	5120.00	1.20E+01			
		009	7.00E+01	AMBIENT			8.00E+00	5120.00	6.00E+00			
		016	1.01E+03		2.57E+03		2.30E+01	5120.00	1.20E+01			
	720	007			6.00E+03		1.40E+02	5125.00	2.40E+01			
		017					2.00E+01	5125.00	6.00E+00			
		025		AMBIENT			1.20E+01	5125.00	2.00E+00			
		027		ROOM			1.60E+01	5125.00	2.00E+00			
	721	003		AMBIENT			1.20E+01	5125.00	2.00E+00			
	742	002		AMBIENT			1.00E+01	5120.00	2.00E+00			
		005		AMBIENT			1.30E+01	5120.00	2.00E+00			
		006		AMBIENT			1.30E+01	5120.00	2.00E+00			
	752	004		ROOM	2.33E+04	1.85E+03	5.00E+01	5120.00	4.80E+01		4827966.208	366403.663
		005		ROOM	1.40E+04	2.85E+03	3.70E+01	5120.00	3.00E+01		4827957.414	366426.817
	752A	001					2.20E+01	5120.00	8.00E+00			
		005		AMBIENT			5.00E+00	5120.00	2.00E+00			
	753	029	7.00E+01	ROOM	1.80E+04		1.80E+01	5120.00	4.20E+01		4828036.000	366430.000
	754	001		AMBIENT			8.00E+00	5120.00	2.50E+00			
		003					2.50E+01	5120.00	3.00E+00			
	755A	001		AMBIENT			2.90E+01	5120.00	4.00E+00			
	755B	002		AMBIENT			2.30E+01	5120.00	3.00E+00			
	764	001			4.90E+04	2.50E+03	2.00E+02	5120.00	6.00E+01		4827999.489	366390.643
	766	056		AMBIENT			3.00E+01	5120.00	2.00E+00			
		057		AMBIENT			2.00E+01	5120.00	3.80E-01			
	768	003					4.00E+01	5120.00	1.00E+01		4827972.225	366303.065
		004		AMBIENT			6.00E+00	5120.00	3.00E+00		4827970.978	366303.713
		005		AMBIENT			6.00E+00	5120.00	3.00E+00		4827972.180	366305.307
		022	6.20E+02		8.47E+03	1.27E+03	5.60E+01	5120.00	3.60E+01		4827990.712	366304.555
		024	6.00E+02		8.64E+03	2.03E+03	5.60E+01	5120.00	3.60E+01		4827986.671	366306.045
		027	6.05E+02		8.68E+03	2.04E+03	5.60E+01	5120.00	3.60E+01		4827979.902	366305.012
		028					2.00E+01	5120.00	6.00E+00		4827979.955	366302.322
		034	6.25E+02		9.71E+03	2.28E+03	5.60E+01	5120.00	3.60E+01		4827981.601	366312.673
		105	7.00E+01	ROOM			1.20E+01	5120.00	1.00E+00		4828006.316	366311.371
		108	7.00E+01	ROOM			2.10E+01	5120.00	8.00E+00		4828000.566	366305.649
	768B	121		ROOM	1.50E+02		2.20E+01	5120.00	1.00E+01		4828005.981	366281.755
	774	001					1.60E+01	5120.00	6.00E+00		4827798.650	366433.524
		003		AMBIENT			1.00E+01	5120.00	2.00E+00		4827794.948	366433.451
		008	7.00E+01	ROOM	2.00E+03	5.73E+03	2.50E+01	5120.00	8.00E+00		4827799.921	366462.711
		025		ROOM	9.00E+01	1.83E+03	2.50E+01	5120.00	3.00E+00		4827804.816	366464.828
	777	002	5.00E+01		4.65E+03	1.48E+03	7.50E+01	5120.00	2.40E+01		4827771.817	366479.200
	784	010		ROOM	1.60E+03	2.04E+03	2.00E+01	5120.00	1.20E+01			
	785	011		ROOM			9.40E+01	5120.00	1.00E+01		4828118.381	366371.478
		015					1.00E+01	5120.00	2.00E+00		4828.126	366.354

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
ANL	785	017					2.50E+01	5120.00	8.00E+00		4828125.955	366363.105
		018		ROOM	4.64E+04	2.60E+03	9.40E+01	5120.00	8.40E+01	3.00E+01	4828118.403	366370.357
	787	001		ROOM	1.01E+04	1.80E+03	3.30E+01	5120.00	3.20E+01		4828043.663	366388.607
	793	001			1.00E+04		4.80E+01	5120.00	4.20E+01			
		012					2.00E+01	5120.00	1.50E+00			
		014					2.00E+01	5120.00	1.50E+00			
	793A	025					1.40E+01	5120.00	4.00E+00			
		027					7.00E+00	5120.00	4.80E+01			
		029					1.00E+01	5120.00	4.00E+00			
		031					1.00E+01	5120.00	4.00E+00			
		033					9.00E+00	5120.00	4.00E+00			
		035					9.00E+00	5120.00	4.00E+00			
	798	017			2.80E+03		6.00E+01	5120.00	3.60E+01		4828145.918	366398.944
	799	003		ROOM			2.20E+01	5120.00	1.20E+01	1.20E+01	4828221.302	366271.020
		010	0.00E+00		2.88E+04	8.73E+04	2.00E+01	5120.00	4.00E+00		4828210.939	366264.533

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
B08	601	001						4785.00	1.20E+01	1.20E+01	4849379.702	358919.062
		003					8.00E+00	4785.00	4.00E+00		4849039.207	358748.815

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
B16	601	008		AMBIENT			1.20E+01	4904.00	1.50E+00		4828774.920	343507.803
	703	001		AMBIENT			1.50E+01	4904.00	3.00E+00		4828810.330	343635.903
	704	001		AMBIENT			1.30E+01	4850.00	2.25E+00		4834326.000	345760.000
		002		AMBIENT			1.30E+01	4850.00	2.25E+00		4834326.000	345760.000
	708	001		AMBIENT			0.00E+00		2.00E+01	2.00E+01	4828810.692	343635.500

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
B21	608	008		AMBIENT	1.20E+03	7.10E+02	2.07E+01	4974.00	8.75E+00		4822745.696	341245.663
		012		ROOM	5.70E+03	5.70E+02	1.65E+01	4973.00	2.40E+01	6.00E+01	4822819.840	341338.312

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
B23	602	002					5.00E+00	5130.00	1.20E+01	1.20E+01		

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
B27	601	001					8.00E+00	4940.00	3.00E+00		4819503.676	346619.721
		003		AMBIENT			6.00E+00	4940.00	1.20E+01	1.20E+01	4819299.688	346620.253

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CFA	100	001		AMBIENT				4936.00			4822259.115	342363.552
	101	001		AMBIENT				4936.00			4822119.242	343143.552
	102	001		AMBIENT				4936.00			4822291.256	343108.380
	103	001		AMBIENT				4936.00			4822654.587	342218.219
	104	001		AMBIENT				4936.00				
	105	001		AMBIENT				4936.00				
	1603	001	8.35E+02		8.05E+02		1.05E+01	4936.00	5.00E+00			
		002	8.35E+02		8.05E+02		1.05E+01	4936.00	5.00E+00			
		003		ROOM			1.25E+01	4936.00	2.00E+00			
		004		ROOM			1.25E+01	4936.00	2.00E+00			
	1701	001										
	1702	001										
	1703	001										
	1708	001										
	1709	001										
		002										
		003										
		004										
		005										
		006										
		007										
	602	016		ROOM			8.00E+00	4936.00	6.00E+00	4.00E+00	4821498.787	342760.120
	604	001					2.00E+00	15.00	4.00E+00		4821139.572	342883.581
	607	004	2.50E+02		1.80E+02	1.08E+03	1.50E+01	4936.00	4.00E+00	6.00E+00	4821496.128	342944.306
	608	001	5.50E+02		1.13E+02	1.44E+02	3.45E+01	4930.00	1.20E+01		4820908.391	342513.039
		005	7.00E+01	ROOM	2.74E+03		4.20E+01		1.40E+01			
	609	001	9.50E+02				1.40E+01	4936.00	4.00E+00		4820917.314	342527.399
		002		ROOM			9.50E+00	4936.00	7.50E-01		4820916.729	342526.037
		005	3.96E+02		8.27E+02	1.52E+03	2.70E+01	4936.00	1.00E+01		4820907.933	342532.569
		017		ROOM			2.30E+01	4930.00	1.20E+01		4820920.833	342584.169
		019					4.20E+01		1.20E+01			
		020	7.00E+01	ROOM	8.00E+02		4.20E+01		1.00E+01			
	612	007					1.90E+01	4930.00	4.00E+00		4821245.769	342907.804
		008		ROOM	1.25E+03	2.29E+03	2.70E+01	4930.00	1.00E+01		4821242.342	342904.789
		010		ROOM	1.25E+03	2.29E+03	2.70E+01	4936.00	1.00E+01		4821239.052	342905.885
		012		ROOM	1.25E+03	2.29E+03	2.70E+01	4936.00	1.00E+01		4821235.900	342906.845
	613	003	2.60E+02		1.13E+02	2.07E+02	1.70E+01	4936.00	1.00E+01		4821418.815	342895.635
	617	010					2.15E+01	4936.00	4.80E+01	3.60E+01	4821783.705	343561.434
		011					2.15E+01	4936.00	4.80E+01	3.60E+01	4821784.996	343558.994
		024	4.30E+02		1.16E+03		2.30E+01	4936.00	2.40E+01		4821785.843	343549.133
		026					2.10E+01	4936.00	1.20E+01		4821782.251	343544.333
		030						4936.00	2.00E+00		4821979.004	343474.123
		031						4936.00	2.00E+00		4821981.244	343476.513
		033		ROOM			2.10E+01	4936.00	1.00E+01	1.80E+01	4821767.574	343538.377
		034		ROOM			2.10E+01	4936.00	1.00E+01	1.80E+01	4821765.739	343537.660
	622	009		ROOM	0.00E+00		1.20E+01	4936.00	1.20E+01	1.20E+01	4820879.434	342827.035
		015		ROOM	2.00E+03	2.00E+03	1.20E+01	4936.00	1.20E+01	1.20E+01	4820871.722	342826.854
		019			0.00E+00		4.00E+00	4936.00	1.20E+01		4820866.001	342833.908

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CFA	622	020			0.00E+00		1.20E+01	4936.00	1.20E+01		4820868.029	342839.571
		021			0.00E+00		1.20E+01	4936.00	1.20E+01		4820872.578	342843.046
	623	005		ROOM	1.50E+03	4.78E+02	6.00E+00	4936.00	2.40E+01		4820849.104	342804.089
		007	7.00E+01	ROOM	1.20E+03	7.00E+01	2.50E+01	4936.00	6.00E+01			
		017		ROOM	2.52E+04	2.62E+03	3.00E+01	4936.00	4.20E+01		4820847.206	342806.066
	625	009		ROOM	1.50E+04	4.80E+03	3.00E+01	4936.00	2.40E+01		4821212.735	343344.884
		010		ROOM	7.90E+03	3.60E+03	3.00E+01	4936.00	2.00E+01		4821218.497	343336.035
	633	067		ROOM			1.60E+01	4936.00	1.20E+01		4821977.496	343523.728
		091					1.30E+01	4936.00	3.00E+00		4821947.374	343558.059
	640	029										
	650	007	3.25E+02		1.07E+03	2.14E+03	3.40E+01	4936.00	1.20E+01		4821935.912	343506.815
	662	011	4.50E+02		8.45E+02		4.80E+01	4936.00	1.20E+01		4821120.115	342843.444
		027	5.50E+02		1.30E+03	5.91E+02	3.60E+01	4934.00	1.80E+01		4821107.283	342851.005
	664	034					2.20E+01	4936.00	1.00E+01		4821014.008	343064.891
		035					2.20E+01	4936.00	1.00E+01		4821011.801	343066.861
	665	028	2.50E+02		2.59E+03	3.29E+03	3.62E+01	4936.00	1.20E+01		4820979.503	343075.315
		029	2.40E+02		2.59E+03	2.41E+03	3.10E+01	4936.00	2.00E+01		4820983.022	343070.007
		030	2.50E+02		2.59E+03	3.29E+03	3.70E+01	4936.00	1.20E+01		4820977.710	343072.803
		050					4.20E+01	4936.00	3.60E+01		4821163.388	343030.991
	668	006	9.40E+02		2.10E+03	1.07E+04	1.00E+01	4936.00	6.00E+00		4821255.986	342999.346
		023	3.45E+02		2.08E+02	3.81E+02	3.50E+01	4936.00	1.00E+01		4821239.763	342980.325
	671	007	2.40E+02		1.70E+03	1.58E+03	2.75E+01	4936.00	1.40E+01		4820785.583	342841.012
		008	2.40E+02		1.11E+03	1.03E+03	2.75E+01	4936.00	1.20E+01		4820782.242	342838.688
	674	044		ROOM			2.30E+01	4936.00	1.20E+01		4820869.919	342723.434
	675	002					1.20E+01	4936.00	4.00E+00		4821531.346	342847.764
	679	007	9.50E+02				1.18E+01	4936.00	2.00E+00		4821345.792	343076.895
	684	002		AMBIENT	0.00E+00	0.00E+00	1.23E+01	4936.00	1.00E+00		4820962.514	342775.263
	688	002			1.00E+02		5.00E+00	4936.00	6.00E+00		4821253.551	42694.290
		003		AMBIENT			1.65E+01	4936.00	2.00E+00		4821264.308	342643.559
		043	5.50E+02		3.57E+03	1.63E+03	5.10E+01	4936.00	2.40E+01		4821269.039	342652.429
		044	4.80E+02		1.54E+03	7.04E+02	5.10E+01	4936.00	1.80E+01		4821268.160	342650.387
		047	1.17E+03		8.97E+02	1.03E+04	1.68E+01	4936.00	4.00E+00		4821270.691	342647.752
	689	034		ROOM	5.00E+02	6.37E+02	3.00E+01	4936.00	1.20E+01		4821285.832	342660.234
	690	001		ROOM	2.50E+03	1.70E+02	3.70E+01	4936.00	2.00E+01		4821467.643	342725.804
		002		ROOM	2.50E+03	1.50E+02	3.70E+01	4936.00	2.00E+01		4821464.563	342725.507
		003		ROOM	2.50E+03	1.70E+02	3.70E+01	4936.00	2.00E+01		4821461.489	342724.986
		004		ROOM	2.50E+03	1.70E+02	3.70E+01	4936.00	2.00E+01		4821456.260	342724.190
		005		ROOM	2.30E+03	1.50E+02	3.70E+01	4936.00	2.00E+01		4821448.574	342722.887
		006		ROOM	2.50E+03	1.70E+02	3.70E+01	4936.00	2.00E+01		4821443.957	342722.330
		007		ROOM	2.40E+03	1.60E+02	3.70E+01	4936.00	2.00E+01		4821436.271	342721.027
		008		ROOM	2.40E+03	1.60E+02	3.70E+01	4936.00	2.00E+01		4821430.122	342719.984
		009		ROOM	2.40E+03	1.70E+02	3.70E+01	4936.00	2.00E+01		4821423.356	342718.928
		010		ROOM	2.40E+03	1.60E+02	3.70E+01	4936.00	1.60E+01		4821466.007	342716.557
		015		ROOM	2.50E+03	1.70E+02	4.30E+01	4936.00	1.00E+01		4821436.658	342717.667
		042		ROOM	2.03E+03	5.80E+03	2.80E+01	4936.00	8.00E+00		4821441.152	342697.110
		045		ROOM	1.00E+02		2.20E+01	4936.00	9.00E+00			
		047		ROOM	2.30E+03	1.50E+02	2.80E+01	4936.00	9.00E+00		4821450.449	342695.531
		048		ROOM	3.49E+03	4.44E+03	2.80E+01	4936.00	1.20E+01		4821447.066	342695.003

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CFA	690	049		ROOM	2.60E+03	1.80E+02	2.80E+01	4936.00	8.00E+00		4821439.385	342693.475
		059		ROOM	2.20E+03	1.40E+02	2.80E+01	4936.00	9.00E+00		4821462.664	342687.956
	696	001	3.60E+02			6.85E+02	3.00E+01	4936.00	1.20E+01			
		002	3.60E+02			6.85E+02	3.00E+01	4936.00	1.20E+01			
		003	7.00E+01		2.56E+04	2.66E+03		4936.00	4.20E+01			
		005	7.00E+01	ROOM	1.34E+03	2.64E+03	3.30E+01	4936.00	1.20E+01			
		006	7.00E+01	ROOM	1.20E+03	9.78E+02	3.35E+01	4936.00	1.40E+01			
		007	7.00E+01	ROOM	1.00E+03	1.33E+03	3.30E+01	4936.00	1.00E+01			
		008	7.00E+01	ROOM	2.50E+03	1.59E+03	3.30E+01	4936.00	1.60E+01			
		009	7.00E+01	ROOM	2.00E+03	1.94E+03			1.20E+01			
		010	7.00E+01	ROOM	2.00E+03	2.45E+03	3.30E+01	4696.00	1.40E+01			
		011	7.00E+01	ROOM	2.00E+03	1.94E+03	3.30E+01	4936.00	1.20E+01			
		012	7.00E+01	ROOM	2.00E+03	1.94E+03	3.30E+01		1.20E+01			
		021						4936.00				
		022										
		023										
		024										
		025										
		026										
		027										
		040	7.00E+01		1.00E+03		3.35E+01	4935.00	1.00E+01			
	698	007		ROOM	1.35E+03	6.88E+03	1.70E+01	4936.00	6.00E+00		4821302.902	342636.697
		013		ROOM		5.40E+02	5.00E-01	4936.00	2.00E+00		4821100.888	342696.776
	708	001		AMBIENT			1.95E+01	4936.00	6.00E+00		4821277.329	342588.390
	713	001		AMBIENT			1.50E+01	4936.00	2.50E+00		4821259.818	342982.665
		002		AMBIENT			1.50E+01	4936.00	2.50E+00		4821052.137	343044.669
	721	001		AMBIENT			1.50E+01	4936.00	3.00E+00		4821115.959	342836.385
	729	001		AMBIENT			2.10E+01	4936.00	2.00E+00		4821247.783	342980.513
	730	001		AMBIENT			3.08E+00	4936.00	1.50E+00		4821211.525	342941.888
	731	001		AMBIENT			1.80E+01	4936.00	2.00E+00		4820834.069	342545.840
	732	001		AMBIENT			1.20E+01	4936.00	3.00E+00		4820944.454	342533.820
	734	001		AMBIENT			8.30E-01	4936.00	2.00E+00		4821277.633	342983.747
	735	001		AMBIENT			6.83E+00	4936.00	1.25E+00		4821531.842	342847.307
	738	001		AMBIENT			8.00E+00	4936.00	3.00E+00		4821929.303	343499.026
	739	001		AMBIENT			8.00E+00	4936.00	3.00E+00		4821929.303	343499.026
	741	001		AMBIENT			1.20E+01	4936.00	2.50E+00		4821185.776	342936.233
		002		AMBIENT			1.40E+01	4936.00	2.50E+00		4820977.091	342993.372
	749	001		AMBIENT			1.10E+01	4936.00	4.00E+00		4821874.684	343500.852
	754	001		AMBIENT			1.97E+01	4936.00	4.00E+00		4821685.523	343695.242
		002		AMBIENT			1.97E+01	4936.00	4.00E+00		4821682.282	343701.904
		003		AMBIENT			1.97E+01	4936.00	4.00E+00		4821678.094	343709.442
		004		AMBIENT			1.30E+01	4936.00	4.00E+00		4821674.884	343714.758
		005		AMBIENT			1.30E+01	4936.00	4.00E+00		4821672.625	343718.972
		006		AMBIENT			1.70E+01	4936.00	4.00E+00		4821687.459	343718.194
		007		AMBIENT			2.20E+01	4936.00	4.00E+00		4821694.543	343705.558
	757	001		AMBIENT			2.30E+01	4936.00	3.00E+00		4820979.739	343065.213
	759	001		AMBIENT			1.95E+01	4936.00	3.00E+00		4820783.355	342843.880

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CPP	012	001	7.00E+01		1.63E+01	7.45E+02	3.00E+00	4915.00	2.00E+00			
	015	001										
	025	001									344.103	4825.363
	1608	001	7.00E+01		1.40E+03	1.41E+03	3.02E+01	4915.00	1.35E+01			
	1611	001		AMBIENT				4910.00				
	1612	001						4910.00				
	1617	001	7.00E+01				9.80E+00	4920.00	1.57E+02			
	1619	001		AMBIENT	1.52E+03		1.70E+01	4917.00	2.40E+01			
		005		AMBIENT	5.00E+01		1.70E+01	4917.00	1.20E+01			
	1642	003					1.70E+01		3.00E+00			
		007					1.30E+01		6.00E+00			
	1643	003					1.70E+01		3.00E+00			
		007					1.30E+01		6.00E+00			
	1646	001	7.20E+01	ROOM	1.80E+03		2.59E+00		8.40E-01			
	1749	002					2.50E+00	4915.00	2.00E+00			
		004	7.85E+02		5.36E+02	1.09E+04	1.35E+01	4915.00	3.00E+00			
	601	009					3.70E+01	4915.00	7.50E-01		4825966.010	343780.717
		014	7.00E+01			9.72E+02	3.70E+01	4915.00	6.00E+00		4825984.577	343778.680
		024		ROOM			2.00E+01	4915.00	2.00E+00		4825996.410	343800.726
	602	012	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00	5000.00	0.00E+00		0.000	0.000
		014					3.60E+01	4915.00	4.00E+00			
		031			2.50E+03	6.00E+02	4.70E+01		1.40E+01		4826043.291	343789.025
	603	001	7.00E+01	ROOM	1.70E+04	3.04E+03	6.50E+01	4917.00	3.20E+01		4825267.612	343747.400
		008					9.00E+00	4915.00	4.00E+00		4825276.380	343741.992
		019										
	604	011		ROOM			1.90E+01	4915.00	1.00E+00		4825969.026	343889.862
	606	004	4.50E+02		9.76E+03	6.14E+02	4.30E+01	4915.00	5.40E+01		4826090.293	343811.889
		005	4.50E+02		9.76E+03	6.14E+02	4.30E+01	4915.00	5.40E+01		4826088.442	343811.846
		013						4915.00			4826085.628	343800.110
		019	4.50E+02		9.76E+03	6.14E+02	4.50E+01	4915.00	5.40E+01		4826089.915	343788.315
		038	7.00E+01	ROOM	6.13E+02	3.11E+03	6.00E+01	4915.00	6.00E+00		4826081.404	343809.213
	614	001	7.00E+01				1.34E+01	4915.00	1.25E+00		-21.000	23.000
		002	8.50E+02		2.23E+03	1.61E+04	1.15E+01	4915.00	5.00E+00			
	616	004					8.50E+00	4915.00	4.00E+00			
		007					5.60E+00	4915.00	3.00E+00			
	620	NA										
	621	003			6.13E+02	1.84E+03	2.00E+01	4915.00	6.00E+00	8.00E+00		
	627	007	7.00E+01	ROOM	1.24E+03	8.81E+03	6.80E+01	4915.00	1.00E+01		4826012.686	343751.281
		008		70	9.80E+03	5.00E+03	6.80E+01	4915.00	1.90E+01		4826009.256	343752.772
		010	7.00E+01	ROOM	1.60E+03	1.50E+03	6.80E+01	4915.00	1.40E+01		4825996.608	343752.477
		013	7.00E+01	ROOM	1.59E+04	2.86E+03	6.50E+01	4915.00	3.20E+01		4825992.461	343758.216
		016	7.00E+01				2.60E+01	4915.00	3.00E+00		4825997.774	343755.422
	630	011		AMBIENT			4.00E+01	4915.00	2.00E+01			
		012	7.00E+01		7.20E+04	2.29E+04	3.20E+01	4915.00	2.40E+01			
	637	010		ROOM	5.57E+04	4.64E+03	5.00E+01	4915.00	4.00E+00	3.00E+00	4825975.942	343672.322
		021		ROOM			3.00E+01	4915.00	1.20E+01		4825998.374	343716.385
		032	8.60E+01		2.40E+03	2.25E+03	2.70E+01	4915.00	1.40E+01		4825986.155	343724.180
		035		ROOM			3.70E+01	4915.00	3.60E+01		4825988.058	343708.738

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CPP	637	036	1.80E+02		4.30E+01	1.23E+02	2.70E+01	4915.00	8.00E+00		4825984.957	343709.339
		042	7.50E+01		1.94E+03	2.47E+03	3.00E+01	4915.00	1.20E+01		4825980.403	343706.091
		045	6.00E+01				8.00E+00	4915.00	3.00E+00		4825991.613	343701.864
		052										
		053										
		056										
		057										
		058										
		064										
	644	002	6.75E+02				2.45E+01	4915.00	1.50E+01		4826097.188	343754.371
		004					5.17E+00	4915.00	5.00E-01		4826088.398	343760.675
		005					1.03E+01	4915.00	1.50E+00		4826088.477	343757.310
		006					1.60E+01	4915.00	1.00E+00		4826097.109	343757.735
		013					9.00E+00		3.00E+00			
	648	002					7.00E+00	4920.00	2.00E+00			
	654	007					2.10E+01	4915.00	6.00E+00			
		008					2.10E+01	4915.00	6.00E+00			
		009					2.10E+01	4915.00	6.00E+00			
		010					2.10E+01	4915.00	6.00E+00			
		011					2.10E+01	4915.00	6.00E+00			
		012					2.10E+01	4915.00	6.00E+00			
	655	018			8.55E+02	7.79E+03	2.00E+01	4915.00	4.50E+00			
		019			2.65E+03	1.03E+03	1.80E+01	4915.00	5.00E+00			
		023					0.00E+00					
		026			1.48E+03	9.87E+02	1.90E+01	4915.00	9.00E+00			
		027										
		028			2.10E+03	1.03E+03	1.80E+01	4915.00	9.00E+00			
		030			2.10E+03	1.03E+03	1.90E+01	4915.00	9.00E+00			
		031			2.65E+03	1.03E+03	1.90E+01	4915.00	9.00E+00			
	659	006	8.50E+02		1.21E+04	8.60E+03	2.35E+01	4915.00	1.60E+01		4825975.953	344056.553
		007	1.35E+03				9.00E+00	4915.00	1.50E+00		4825970.714	344056.207
		008	7.60E+02		9.60E+03	6.90E+03	2.00E+01	4915.00	1.60E+01		4825961.438	344056.889
		010					6.50E+00	4915.00	2.00E+00		4825971.765	344064.086
		011					6.50E+00	4915.00	2.00E+00		4825953.867	344063.895
		025		ROOM	5.00E+01	1.02E+03	3.40E+01	4915.00	3.00E+00		4825981.558	344054.439
		033					7.10E+01	4915.00	7.20E+01		4826010.412	344008.203
		035					3.50E+00	4915.00	1.50E+00		4825972.611	344054.231
	662	003	7.00E+01		1.14E+03	5.80E+03	1.40E+01	4915.00	6.00E+00			
	663	002	7.00E+01		1.38E+04	3.04E+02	3.90E+01	4915.00	3.60E+01	4.80E+01	4825874.108	343870.148
		045	7.00E+01		2.90E+04	4.10E+03	4.05E+01	4915.00	3.60E+01		4825868.452	343914.230
		048	7.00E+01		6.91E+03	2.23E+03	4.70E+01	4915.00	2.40E+01		4825876.971	343932.832
		054	7.00E+01		2.00E+03	2.55E+03	1.25E+01	4915.00	1.20E+01		4825880.201	343913.381
	666	001										
	679	002			1.20E+03	6.87E+02	1.70E+01	4915.00	5.00E+00			
		003			1.20E+03	6.87E+02	1.70E+01	4915.00	5.00E+00			
	684	001		ROOM	1.60E+04	3.73E+03	5.00E+01	4915.00	2.80E+01		4825853.159	343802.104
		002		ROOM	4.68E+03	2.65E+03	4.00E+01	4915.00	1.80E+01		4825857.587	343797.494
	687	010		AMBIENT	5.00E+02	3.44E+03	6.00E+01	4917.00	5.00E+00		4825452.931	344089.512

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CPP	687	011		AMBIENT	5.00E+02	3.44E+03	6.00E+01	4917.00	5.00E+00		4825439.049	344089.190
		012										
		026					2.20E+01	4917.00	2.00E+01		4825423.484	344108.131
		033		AMBIENT	8.40E+02	3.07E+03	6.00E+01	4917.00	7.00E+00		4825439.227	344094.805
		034		AMBIENT	8.40E+02	3.07E+03	6.00E+01	4917.00	7.00E+00		4825452.806	344094.896
		044	7.00E+01				6.00E+01	4917.00	4.80E+01		4825455.882	344108.659
		049										
694	007		5.30E+01				2.30E+01	4920.00	1.20E+01		4825988.668	343961.015
	008		5.30E+01				2.30E+01	4920.00	1.20E+01		4825988.051	343961.001
	009			ROOM			2.10E+01	4915.00	6.50E+00		4825979.188	343957.204
	010		5.30E+01				2.30E+01	4920.00	1.20E+01		4825976.334	343960.504
698	004			ROOM			5.00E+00	4915.00	1.20E+01			
	006			ROOM			8.00E+00	4915.00	1.00E+01	1.20E+01		
	009				8.50E+02	6.35E+02	1.80E+01	4915.00	4.00E+00			
	010				8.50E+02	6.35E+02	1.80E+01	4915.00	4.00E+00			
	016				8.50E+02	6.35E+02	1.80E+01	4915.00	4.00E+00			
	017				8.50E+02	6.35E+02	1.80E+01	4915.00	4.00E+00			
	018				8.50E+02	6.35E+02	1.80E+01	4915.00	4.00E+00			
701A	001						3.35E+01	4915.00	6.00E+00		4826119.362	343875.854
701B	001						2.55E+01	4915.00	8.00E+00		4826119.059	343888.864
702A	001						2.75E+01	4915.00	4.00E+00		4825907.334	343927.927
702B	001						2.75E+01	4915.00	4.00E+00			
703	001						1.10E+01	4915.00	1.50E+00			
	002						1.10E+01	4915.00	1.50E+00			
708	001		9.14E+01		1.00E+05	6.10E+01	2.50E+02	4915.00	7.75E+01		4825948.175	343923.715
716	003						6.33E+00	4915.00	2.50E-01			
719A	001						1.80E+01	4915.00	6.00E+00			
719B	001						1.70E+01	4915.00	6.00E+00			
720A	001						1.60E+01	4915.00	6.00E+00			
720B	001						1.20E+01	4915.00	6.00E+00			
720C	001						1.20E+01	4915.00	6.00E+00			
727	003											
760	002						6.10E+01	4915.00	3.60E+01			
764	002							4917.00				
765	003						8.10E+01	4915.00	4.80E+01			
767	001			AMBIENT	9.07E+04	5.35E+01	1.60E+02	4915.00	7.20E+01			
775	005											
787	001		3.50E+02		7.50E+04	2.84E+03	1.50E+02	4915.00	7.00E+01			
791	004						9.00E+01	4915.00	4.80E+01			
792	001			AMBIENT	2.00E+03		4.00E+01	4915.00	8.50E-01		344.104	4825.477
	002			AMBIENT	2.00E+03		4.00E+01		8.50E-01			
	003			AMBIENT	2.00E+03		4.00E+01		8.50E-01			
793	002			AMBIENT	7.00E+03		5.00E+01	4917.00	1.90E+01			
794	001			AMBIENT	3.00E+04	3.55E+04	4.00E+01	4917.00	3.95E+01			
795	004			AMBIENT			9.50E+01	4917.00	4.80E+01			
798	001		9.00E+01				3.50E+01	4915.00	2.00E+00			
T-6	001						1.90E+01	4915.00	6.00E+00			
	004						1.30E+01	4915.00	6.00E+00			

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CPP	TR19	002			6.00E+02	6.88E+03	1.05E+01	4915.00	4.00E+00			
	TR29	001					1.00E+01	4920.00	4.00E+00			
		008					1.00E+01	4920.00	4.00E+00			

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
HPTF	601	001					1.10E+01	7000.00	6.20E+00			

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
NRF	601	023	6.80E+01	ROOM	3.03E+03	1.71E+03	5.30E+01	4850.00	1.50E+00			
		036	6.80E+01	ROOM	1.00E+02	1.15E+03	3.60E+01	4850.00	4.00E+00			
		19A	6.80E+01	ROOM	2.80E+03	7.00E+02	1.48E+02	4850.00	2.30E+00	2.80E+01		
		19C	6.80E+01	ROOM	6.04E+03	1.51E+03	1.48E+02	4850.00	2.40E+01	2.40E+01		
		19F	6.80E+01	ROOM	6.04E+03	1.51E+03	1.48E+02	4850.00	2.40E+01	2.40E+01		
		HBR	6.80E+01	ROOM	2.16E+05		1.47E+02	4850.00	1.03E+02			
	602	005	7.35E+02		1.90E+03		1.80E+01	4850.00	3.30E-01			
		006	6.80E+01	ROOM			2.30E+01	4850.00	2.00E+01			
		008	6.80E+01	ROOM			1.70E+01	4850.00	2.40E+01	2.40E+01		
		023	6.80E+01	ROOM			2.20E+01	4850.00	1.20E+01			
		037	1.50E+02		2.00E+02	4.00E+03	5.00E+00	4850.00	3.00E+00			
	603	039	6.80E+01	ROOM	5.33E+02	1.50E+03	1.50E+01	4850.00	8.00E+00			
	605	NA	6.80E+01	fugitive								
	616	012	6.80E+01	ROOM	1.89E+04		4.00E+01	4850.00	4.90E+01			
		039	6.80E+01	ROOM	8.40E+02		3.00E+01	4850.00	8.00E+00			
	616A	002	6.80E+01	ROOM	6.00E+03		5.60E+01	4850.00	2.76E+01	1.80E+01		
	616B	PCM	6.80E+01	ROOM	3.20E+04	1.75E+03	2.60E+01	4850.00		4.20E+02		
	617	002	6.80E+01	ROOM	2.91E+04		5.10E+01	4850.00	2.40E+01			
		013	6.80E+01	ROOM	1.00E+03		4.50E+01	4850.00	8.40E+00	6.00E+01		
		020	6.80E+01	ROOM	1.00E+03	6.22E+02	4.50E+01	4850.00	8.40E+00			
	617C	001					4.50E+01	4850.00	1.80E+01			
		002					4.50E+01	4850.00	1.80E+01			
		003	6.80E+01	ROOM			3.60E+01	4850.00	1.08E+02			
	618	099	6.80E+01	ROOM	4.90E+04	2.50E+03	1.02E+02	4850.00	6.00E+01			
		103	6.80E+01	ROOM	2.58E+04	2.05E+03	5.90E+01	4850.00	4.80E+01			
		200		AMBIENT			2.00E+01	4850.00	1.50E+00			
		HBR	6.80E+01	ROOM	1.32E+05		6.70E+01	4850.00	2.04E+02			
	619	004	6.80E+01	ROOM		4.20E+03	1.90E+01	4850.00	3.60E+01	3.60E+01		
		016	6.80E+01	ROOM	3.90E+02	3.50E+03	1.20E+01	4850.00	4.00E+00	4.00E+00		
		017	6.80E+01	ROOM		3.70E+03	1.20E+01	4850.00	4.00E+00	4.00E+00		
		018	6.80E+01	ROOM		1.20E+03	1.20E+01	4850.00	3.00E+01			
	620	012	7.00E+02		3.00E+04	4.30E+03	3.00E+01	4850.00	4.20E+01			
		013	7.00E+02		3.00E+04	4.30E+03	3.00E+01	4850.00	4.20E+01			
		014	7.00E+02		3.00E+04	4.30E+03	3.00E+01	4850.00	4.20E+01			
	622	001					1.40E+01	4850.00	4.00E+00			
	628A	006	6.80E+01	ROOM	6.00E+01		2.20E+01	4850.00	8.40E+00			
	631	NA	6.80E+01	Fugitive								
	633A	004		AMBIENT	1.74E-01	8.00E+00	1.80E+01	4850.00	2.00E+00			
		024		AMBIENT	3.67E+02	8.00E+00	6.70E-01	4850.00	2.00E+00			
		038					9.00E+01	4850.00	1.20E+01			
		057	6.80E+01	ROOM	2.65E+04		8.60E+01	4850.00	7.20E+01			
		088	4.00E+02		2.10E+00	7.50E+01	3.00E+00	4850.00	3.00E+00			
		089	4.00E+02		8.75E+02	4.92E+02	1.00E+01	4850.00	1.60E+01	1.60E+01		
	635	006					1.00E+01	4850.00	1.00E+01			
		007					1.00E+01	4850.00	1.00E+01			
	642	NA	6.80E+01	Fugitive								
	663	022	6.80E+01	ROOM	3.20E+02		8.00E+00	4850.00	1.20E+01	1.20E+01		
	686	001	6.80E+01	ROOM			1.10E+01	4850.00	3.00E+00			

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
NRF	686	002	6.80E+01	ROOM			1.10E+01	4850.00	3.00E+00			
		003	6.80E+01	ROOM			1.10E+01	4850.00	3.00E+00			
		004	6.80E+01	ROOM			1.10E+01	4850.00	3.00E+00			
		016	5.40E+02		2.50E+04	8.70E+03	2.20E+01	4850.00	1.20E+01			
		017	5.40E+02		2.50E+04	8.70E+03	2.20E+01	4850.00	1.20E+01			
		018	5.40E+02		2.50E+04	8.70E+03	2.20E+01	4850.00	1.20E+01			
		019	5.40E+02		2.50E+04	8.70E+03	2.20E+01	4850.00	1.20E+01			
708	001			AMBIENT			7.40E+01	4850.00	2.64E+02			
709	001			AMBIENT			4.00E+00	4850.00	2.00E+00			
710	001			AMBIENT	2.50E+03	3.00E+04	2.00E+00	4850.00	1.00E+00			
711A	001		1.50E+02				1.70E+01	4850.00	3.00E+00			
711B	001		1.50E+02				1.70E+01	4850.00	3.00E+00			
711C	001		1.50E+02				1.70E+01	4850.00	3.00E+00			
716	001			AMBIENT		2.00E+03	6.10E+01	4850.00	2.16E+02			
718	001			AMBIENT			4.00E+00	4850.00	2.00E+00			
727	001			AMBIENT			7.00E+00	4850.00	2.40E+01			
728	008			AMBIENT	4.36E-02	8.00E+00	7.40E+00	4850.00	1.00E+00			
730C	031			AMBIENT	3.27E-01	1.50E+01	6.50E+00	4850.00	2.00E+00			
739	008			AMBIENT			1.50E+01	4850.00	8.00E+00			
	009			AMBIENT			1.50E+01	4850.00	8.00E+00			
743	001			AMBIENT	0.00E+00	0.00E+00	3.00E+00	4850.00	2.00E+00			
745	001			AMBIENT	0.00E+00	0.00E+00	2.00E+00	4850.00	2.00E+00			
	002			AMBIENT	0.00E+00	0.00E+00	2.00E+00	4850.00	2.00E+00			
747	001			AMBIENT			1.60E+01	4850.00	3.00E+00			
	002			AMBIENT			1.60E+01	4850.00	3.00E+00			
759A	001			AMBIENT			1.40E+01	4850.00	3.00E+00			
759B	001			AMBIENT			1.40E+01	4850.00	3.00E+00			
SOIL	001			AMBIENT			0.00E+00	4850.00				
	002			AMBIENT			0.00E+00	4850.00				
	003			AMBIENT			0.00E+00	4850.00				
	004			AMBIENT			0.00E+00	4850.00				

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
PER	601	010	2.50E+02		3.00E+02	6.80E+02	2.20E+01	4944.00	9.00E+00		4823154.517	349113.613
	601A	010	2.50E+02		3.00E+02	4.00E+02	2.10E+01	4944.00	6.00E+00		4823133.000	349089.000
	609	006	5.40E+02		3.00E+02	1.55E+02	1.40E+01		6.00E+00		4823482.348	349847.312
		010		ROOM		0.00E+00	1.40E+01		1.25E+00		4823480.522	349846.148
	612	006	2.50E+02		2.40E+02	4.50E+02	2.80E+01	4944.00	9.00E+00		4823932.000	349270.000
	613	009	2.50E+02		4.50E+02	1.40E+02	5.45E+01	4976.00	1.20E+01		422346.000	349671.000
	620	001		AMBIENT	0.00E+00	0.00E+00	7.60E+00	4922.00	5.00E-01		4823912.360	348580.029
		023	4.50E+02		5.80E+02	7.32E+02	2.20E+01	4922.00	1.20E+01		4823912.644	38554.000
		041	6.00E+00	Room	6.55E+02	3.26E+02	1.96E+01	4922.00	1.70E+01	1.70E+01	4823894.000	348547.000
	624	005										
	625	001		Ambient	0.00E+00	0.00E+00	1.90E+01	4922.00	1.20E+01		4824066.972	348428.851
		002		Ambient	0.00E+00	0.00E+00	1.40E+01	4922.00			4824069.800	348431.722
		004		Ambient	0.00E+00	0.00E+00	1.50E+01	4922.00			4824063.341	348433.054
		005		AMBIENT		0.00E+00	4.00E+00	4922.00	5.00E-01		4824134.756	348450.987
	632	007	2.50E+02		8.00E+01	1.50E+02	2.50E+01	4922.00	1.00E+01		4823365.036	349090.326
		008	2.50E+02		8.00E+01	1.50E+02	2.50E+01	4922.00	1.00E+01		4823339.550	349094.793
	638	004	8.35E+02		8.05E+02		1.55E+01	4936.00	5.00E+00			
		005		Ambient			1.10E+01	4922.00	4.00E+00		4823344.479	349061.153
	705	001		AMBIENT		0.00E+00	1.40E+01	4944.00	3.00E+00		4823718.366	349763.795
	711	001		AMBIENT				4922.00				
	716	001		AMBIENT		0.00E+00	4.50E+00	4976.00	2.00E+00		4822571.297	349605.555
	722	001		AMBIENT	0.00E+00	0.00E+00	4.50E+00	4976.00			4824128.784	348494.453
	737	001		AMBIENT	0.00E+00	0.00E+00	4.00E+00	4922.00			4823396.533	349007.300
	740	001		AMBIENT		0.00E+00	1.10E+01	4922.00	2.50E+00		4823334.004	349029.359
	742	001		AMBIENT	0.00E+00	0.00E+00	1.10E+01	4922.00	1.50E+00		4823143.610	349110.598
	743	001		AMBIENT	0.00E+00	0.00E+00	6.00E+00	4922.00	2.00E+00		4823365.114	349097.118
	752	001		AMBIENT	0.00E+00	0.00E+00	1.20E+01	4954.00	2.00E+00		4824136.414	349228.965
	755	001	4.50E+02		2.00E+04	2.83E+03	4.90E+01	4944.00	3.00E+01		4823479.838	349862.971
	756	001										
	765	001	6.80E+01		2.00E+03	1.44E+03	5.10E+01	4944.00	1.60E+01		4823456.989	349918.586

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
TAN	603	011					1.54E+01	4790.00	1.20E+01		4856151.547	363169.140
		022	4.75E+02		6.90E+03	1.20E+02	3.08E+01	4790.00	4.20E+01		4856168.455	363157.426
		027	4.75E+02		6.90E+03		2.80E+00	4790.00	2.40E+01		4856164.034	363147.283
		028	4.75E+04		6.90E+03		2.80E+00	4790.00	2.40E+01		4856160.207	363153.235
	604	022		ROOM			1.20E+01	4790.00	1.20E+01	1.00E+01	4856213.958	363180.924
		029		ROOM			6.00E+00	4790.00	1.80E+01		4856181.981	363220.027
		031		ROOM			9.00E+00	4790.00	1.20E+01	1.20E+01	4856184.721	363221.870
	606	005	7.00E+01	ROOM	3.50E+03	6.42E+03	1.03E+01	4780.00	1.00E+01		4856208.100	363102.100
		026	7.00E+01	AMBIENT	8.80E+03		2.02E+01	4780.00	3.30E+01		4856180.000	363090.000
		027	7.00E+01	AMBIENT	8.80E+03		2.02E+01	4780.00	3.30E+01		4856190.000	63100.000
	607	013		ROOM	1.00E+02		6.00E+00	4780.00	8.00E+00		4856246.725	363013.619
		039	8.10E+01	ROOM	4.80E+04	2.40E+03	7.40E+01	4780.00	4.80E+01	6.00E+01	4856228.191	362924.556
		041	7.00E+01	ROOM	1.00E+03		1.10E+01	4780.00	9.00E+00	1.00E+01	4856245.859	362935.866
		046	9.60E+02		5.25E+03		1.30E+01	4780.00	8.00E+00		4856268.717	362949.963
		047			0.00E+00	0.00E+00	5.00E+00	4780.00	2.00E+00		4856270.844	362951.571
		119	7.00E+01	ROOM	1.20E+04	2.28E+03	5.90E+01	4780.00	2.40E+01	3.60E+01	4856207.130	362958.075
	610	001	7.00E+01		0.00E+00	0.00E+00	1.85E+01	4790.00	1.50E+00		4856252.059	363222.561
		002					1.14E+01	4790.00	5.00E+00		4856255.273	363233.599
	629	002	7.00E+01	ROOM	1.20E+04	1.67E+03	3.00E+01	4780.00	2.60E+01	3.60E+01	4857335.097	361078.010
		012	8.00E+01	ROOM	6.00E+03		2.74E+01	4780.00	2.00E+01		4857354.921	361045.146
		013	7.00E+01	ROOM	3.20E+04	1.80E+03	4.60E+01	4780.00	4.80E+01	5.00E+01	4857356.220	361042.046
		014	8.00E+01	ROOM	6.00E+03		2.74E+01	4780.00	2.00E+01		4857358.445	361038.966
	636	002		ROOM				4780.00			4856280.923	362919.014
	641	034	2.50E+02		1.70E+03	1.60E+03	4.00E+01	4790.00	1.40E+01		4854225.107	364126.267
		035	2.50E+02		1.70E+03	1.60E+03	4.00E+01	4790.00	1.40E+01		4854224.685	364131.845
		042		ROOM			2.10E+01	4790.00	6.00E+00		4854218.096	364137.073
	646	043	7.00E+01	ROOM	1.00E+02		1.60E+01	4790.00	6.00E+00			
	652	002		AMBIENT		0.00E+00	1.28E+01	4790.00	7.50E-01		4854191.590	364199.367
		003					1.00E+01	4790.00	4.00E+00		4854192.243	364199.317
	665	001	6.00E+01		0.00E+00	0.00E+00	1.60E+01	4780.00	1.00E+00		4857277.289	361240.641
		002	6.00E+01				1.80E+01	4780.00	5.00E+00		4857275.703	361235.882
	666	001		AMBIENT		0.00E+00	3.00E+01	4780.00	4.00E+00		4856358.917	362976.171
	675	010	9.70E+02		3.52E+03	1.79E+04	1.60E+01	4780.00	6.00E+00		4857352.374	361078.371
		021	4.85E+01	AMBIENT			8.00E+00	4780.00	4.00E+00		4857368.136	361062.620
		024	4.85E+01	AMBIENT			8.00E+00	4780.00	4.00E+00		4857379.321	361044.316
		035	3.65E+02		1.10E+04	1.91E+03	3.60E+01	4780.00	2.40E+01		4857358.810	361065.775
		037	3.30E+02		1.10E+04	1.91E+03	3.60E+01	4780.00	2.40E+01		4857362.952	361059.608
	677	030	7.00E+01	AMBIENT	1.00E+04		5.87E+01		2.80E+01		4857280.000	361010.000
	679	012	9.60E+02		5.25E+03		1.30E+01	4780.00	1.00E+01		4857361.594	360962.201
		022	7.00E+01	ROOM	1.60E+06	3.30E+03	5.57E+01	4780.00	3.00E+01		4857384.522	360913.769
		023	7.00E+01	ROOM	1.60E+04	3.30E+03	5.57E+01	4780.00	3.00E+01		4857379.950	360910.993
		024	7.00E+01	ROOM	1.60E+04	3.30E+03	5.57E+01	4780.00	3.00E+01		4857375.070	360908.211
		025	7.00E+01	ROOM	1.20E+04	2.40E+03	5.57E+01	4780.00	3.00E+01		4857370.190	360905.429
		026	7.00E+01	ROOM	1.20E+04	2.40E+03	5.57E+01	4780.00	3.00E+01		4857365.927	360902.659
		027	7.00E+01	ROOM	1.20E+04	2.40E+03	5.57E+01	4780.00	3.00E+01		4857360.135	360899.188
		067	3.30E+02		9.20E+03	2.90E+03	5.25E+01	4780.00	2.40E+01		4857373.037	360961.101
		068	3.30E+02		9.20E+03	2.90E+03	5.25E+01	4780.00	2.40E+01		4857370.901	360959.939
		069	7.00E+01	ROOM			3.20E+01	4780.00	3.50E+00		4857376.127	360960.942

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
TAN	679	084	7.00E+01	ROOM			2.98E+01	4780.00	2.00E+00		4857367.820	360959.652
	681	004	4.85E+01	AMBIENT			1.00E+01	4780.00	4.00E+00		4857412.068	360954.324
		012	8.00E+01		2.00E+03	3.70E+03	1.10E+02	4780.00	1.00E+01		4857403.897	360931.819
		018	7.00E+01	ROOM	1.60E+04	3.30E+03	5.57E+01	4780.00	3.00E+01		4857401.121	360917.020
		020	7.00E+01	ROOM	1.60E+04	3.30E+03	5.57E+01	4780.00	3.00E+01		4857396.862	360914.027
		023	1.50E+03		1.45E+03	2.20E+03	2.00E+01		1.20E+01		4857417.706	360965.163
	687	008		AMBIENT			1.00E+01	4790.00	2.00E+00		4856002.755	362879.857
		020					1.00E+01	4790.00	4.00E+00		4855999.685	362877.523
	701	001					3.40E+01		4.20E+01		4856239.484	363248.410
	702	001		AMBIENT			3.00E+01	4790.00	8.00E+00		4856286.709	363185.574
		002		AMBIENT			3.00E+01	4790.00	8.00E+00		4856286.700	363185.574
	704	001		AMBIENT		0.00E+00	3.80E+01	4790.00	8.00E+00		4856312.048	363202.782
	724	002					3.64E+01	4790.00	8.00E+00		4856306.540	363161.196
	734	001			1.80E+04		1.55E+02	4790.00			4856295.908	363038.310
	759	001		AMBIENT		0.00E+00	1.26E+01	4790.00	1.25E+00		4854191.590	364199.367
	766	001		AMBIENT	0.00E+00	0.00E+00	2.46E+01	4780.00	2.00E+00		4857248.682	361092.507
	767A	001		AMBIENT			2.46E+01	4780.00	2.00E+00		4857236.126	361091.148
	767B	001		AMBIENT	0.00E+00	0.00E+00	2.46E+01	4780.00	2.00E+00		4857234.715	361093.263
	783	001		AMBIENT	0.00E+00	0.00E+00	1.21E+01	4790.00	3.50E+00		4856291.947	363254.428
	792	001		AMBIENT	0.00E+00	0.00E+00	1.15E+01	4790.00	2.00E+00		4856177.167	363348.878
	794	001		AMBIENT	0.00E+00	0.00E+00	8.58E+00	4790.00	2.00E+00		4856210.616	362983.612
	797	001		AMBIENT	0.00E+00	0.00E+00	2.02E+01	4790.00	1.50E+00		4856150.216	363173.804

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
TRA	604	035	7.00E+01	ROOM	1.00E+04		1.00E+02	4922.00	3.50E+01		4827583.501	341555.254
		072	7.00E+01	ROOM	1.60E+03		4.10E+01	4922.00	9.00E+00		4827574.331	341551.447
		073	7.00E+01	ROOM	1.60E+03		4.10E+01	4922.00	9.00E+00		4827576.804	341551.281
		074	7.00E+01	ROOM	1.60E+03		4.10E+01	4922.00	9.00E+00		4827575.963	341547.671
		077	7.00E+01	ROOM	1.13E+03		2.80E+01	4922.00	9.00E+00		4827578.047	341537.847
	607	010	7.00E+01	ROOM				4922.00				
	608	005					8.00E+00	4922.00	1.00E+00		4827827.562	341659.572
		008	7.00E+01	ROOM			7.90E+00	4922.00	5.00E-01		4827827.659	341665.686
	609A	001	7.00E+01	ROOM	0.00E+00		0.00E+00	4922.00	0.00E+00			
	614	032		ROOM	1.00E+04		2.45E+01	4922.00	2.20E+01	1.90E+01	4827717.625	341499.273
	619	006	7.00E+01	ROOM			5.00E+00	4922.00	1.25E+00		4827881.891	341659.962
		008					5.00E+00	4922.00	5.00E+00		4827888.316	341659.761
		009					5.00E+00	4922.00	5.00E+00		4827888.216	341662.070
	625	015										
	632	015	7.00E+01	ROOM	1.50E+03		1.30E+01	4922.00	1.00E+01		4827505.187	341512.341
		019	7.00E+01	ROOM	1.20E+03		4.70E+01	4922.00			4827507.475	341520.024
		030	7.00E+01	ROOM	1.20E+03		4.70E+01	4922.00			4827507.434	341534.833
		041	7.00E+01	ROOM	1.20E+03		4.70E+01	4922.00			4827508.855	341553.042
	633	002		ROOM			8.00E+00	4922.00	1.25E+00		4827901.020	341635.856
		003					8.00E+00	4922.00	5.00E+00		4827900.916	341640.989
		004					8.00E+00	4922.00	5.00E+00		4827900.916	341640.850
	653	028	7.00E+01	ROOM	2.00E+03			4922.00	8.00E+00		4827641.816	341462.378
	660	004	7.00E+01	ROOM	2.00E+03		2.85E+01	4922.00	1.00E+01		4827587.560	341647.162
	661	008	7.00E+01	ROOM	6.90E+02		2.55E+01	4922.00	1.90E+01		4827534.844	341530.501
	668	013	7.00E+01					4922.00	1.00E+01		4827830.110	341466.222
		015	7.00E+01	ROOM			2.80E+01	4922.00	1.00E+01		4827612.076	341531.143
	670	046	7.05E+02				3.00E+01	4922.00	1.60E+01		4827820.785	341388.987
		048	7.00E+01	ROOM			9.75E+00	4922.00	5.00E-01		4827820.816	341387.641
		053	7.05E+02				3.00E+01	4922.00	1.60E+01		4827820.870	341385.399
		074		ROOM	1.20E+03			4922.00	9.00E+00	8.00E+00	4827802.928	341373.980
		086	7.00E+01						4.00E+00		4827978.724	341293.869
		098	7.00E+01	ROOM	3.60E+03		3.40E+01	4922.00	2.10E+01		4827762.085	341378.174
	670A	001						4922.00				
		002										
	671	004	7.00E+01	ROOM			1.93E+01	4922.00	2.00E+00		4828083.020	341317.143
		006					1.78E+01	4922.00	4.00E+00		4828097.233	341306.962
	674	005		ROOM			9.50E+00	4922.00	1.00E+00		4828027.354	341321.902
		007	9.14E+02		1.31E+04		1.05E+01	4922.00	1.40E+01		4828034.847	341324.240
	677	001	7.00E+01	ROOM	3.00E+03		6.00E+00	4922.00	8.00E+00			
		002										
	680	001										
		002		AMBIENT								
	710	001	7.00E+01	ROOM	1.20E+04		2.50E+02	4922.00	6.00E+01		4827551.638	341728.176
	715	001		AMBIENT	0.00E+00	0.00E+00	0.00E+00					
	727	001		AMBIENT			4.80E+01	4922.00	8.00E+00		4827893.419	341580.751
		002		AMBIENT			4.80E+01	4922.00	8.00E+00		4827893.463	341539.691
		003		AMBIENT			2.10E+01	4922.00	8.00E+00		4827894.369	341501.344
		004		AMBIENT			2.10E+01	4922.00	8.00E+00		4827894.581	341492.374

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
TRA	770	001	7.00E+01	ROOM	4.50E+04		2.50E+02	4922.00	6.00E+01		4827896.455	341269.613
	771	001					2.00E+01	4922.00			4828118.629	341325.734
	775	001		AMBIENT			2.10E+01	4922.00	8.00E+00		4827894.157	341510.314
	776	001		AMBIENT			1.20E+02	4922.00	2.00E+00		4827820.748	41390.550
	777B	001										
	777C	001		AMBIENT				4922.00				

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft ³ /min)	Velocity (ft/min)	Height ground (ft)	ELEV. (ft)	Diameter or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
WMF	601	009		ROOM	1.30E+02	1.00E+02	2.30E+01	5005.00	1.20E+01		4818209.142	335208.980
	603	005					1.50E+01	5005.00	6.00E+00		4818231.774	335296.441
	610	003					2.50E+01	5005.00	3.00E+00		4818036.135	335304.274
		004					2.60E+01	5005.00	1.60E+01		4818033.174	335304.155
	612	001					4.00E+00	5005.00	2.50E+00		4818270.977	335307.962
		004					1.50E+01	5005.00	1.00E+01	1.00E+01	4818270.429	335308.906
	615	001		AMBIENT	4.90E+03	2.60E+03	1.50E+01	5005.00	1.40E+01	2.00E+01	4818097.521	335298.751
	628	001					3.60E+01		3.60E+01			
	629	001					3.60E+01		3.60E+01			
	637	001										
		002										
	639	001						50.00	6.00E+00			
		002		AMBIENT			1.80E+01	5005.00	1.50E+00		4818242.795	335293.448
	640	001			5.00E+02		2.50E+01	4915.00	4.00E+00		4818025.313	334733.266
	656	001					6.00E+00					
	700	005										
	711	001					7.00E+00	5005.00	2.00E+00		4818262.318	335211.974
		004					1.30E+01	5005.00	1.00E+01	1.00E+01	4818058.479	335267.209

PART I

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Secondary Normal per Hour (gal)	Secondary Normal per Year (gal)	Secondary Max per Hour (gal)	Secondary Fuel
ANL	701	009	S	5.00E+00	1.20E+02	7.60E+01	DIESEL 2				
	707	002	S	2.00E+01	6.00E+02	2.27E+01	DIESEL 2				
	709	008	L	8.70E+00	1.20E+02	1.60E+01	DIESEL 2				
		016	L	1.00E+01	1.60E+02	2.00E+01	DIESEL 2				
	720	017	S	4.00E+00	2.00E+02	8.50E+00	DIESEL 2				
	752A	001	S	1.70E+01	3.35E+02	2.55E+01	DIESEL 2				
	754	003	S	1.90E+00	1.10E+02	3.80E+00	DIESEL 2				
	768	003	S	1.80E+01	5.00E+02	3.60E+01	DIESEL 2				
		022	B	1.30E+02	2.50E+05	1.70E+02	FUEL OIL 2				
		024	B	1.30E+02	2.50E+05	1.70E+02	FUEL OIL 2				
		027	B	1.34E+02	2.50E+05	1.68E+02	FUEL OIL 2				
		028	S	9.00E+00	1.50E+02	9.00E+00	DIESEL 2				
		034	B	1.50E+02	2.90E+05	1.87E+02	FUEL OIL 2				
	774	001	S	4.40E+00	1.14E+02	8.70E+00	DIESEL 2				
	785	017	S	5.30E+00	1.90E+02	1.06E+01	DIESEL 2				

PART I

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Secondary Normal per Hour (gal)	Secondary Normal per Year (gal)	Secondary Max per Hour (gal)	Secondary Fuel
B08	601	003	S	2.50E+00	6.50E+01	5.00E+00	DIESEL 2				

PART I

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Secondary Normal per Hour (gal)	Secondary Normal per Year (gal)	Secondary Max per Hour (gal)	Secondary Fuel
B27	601	001	S	2.50E+00	6.50E+00	5.00E+00	DIESEL 2				

PART I

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Secondary Normal per Hour (gal)	Secondary Normal per Year (gal)	Secondary Max per Hour (gal)	Secondary Fuel
CFA	1603	001	S	1.04E+01	2.70E+02	1.04E+01	DIESEL 2				
		002	S	1.04E+01	2.70E+02	1.04E+01	DIESEL 2				
	604	001	S	2.00E+00	6.00E+01	1.00E+01	DIESEL 2				
	607	004	F	8.90E-02	5.83E+02	1.30E+00	FUEL OIL 2				
	608	001	B	1.14E+00	1.27E+04	1.07E+01	FUEL OIL 2				
	609	001	S	5.65E+00	9.00E+01	1.50E+01	DIESEL 2				
		005	B	1.94E+00	1.27E+04	1.50E+01	FUEL OIL 2				
	613	003	B	2.60E-01	1.69E+03	2.40E+00	FUEL OIL 2				
	617	024	B	0.00E+00	0.00E+00	2.14E+01	PROPANE E				
	633	091	S	0.00E+00	0.00E+00	5.70E+00	DIESEL 2				
	650	007	B	1.39E+00	9.07E+03	2.90E+01	FUEL OIL 2				
	662	011	B	3.32E+00	2.18E+04	1.45E+01	FUEL OIL 2				PROPANE E
		027	B	4.78E+00	3.13E+04	3.35E+01	FUEL OIL 2				PROPANE E
	664	034	H	2.50E+00	2.02E+02	2.50E+00	PROPANE E				
		035	H	2.50E+00	2.02E+02	2.50E+00	PROPANE E				
	665	028	B	0.00E+00	0.00E+00	3.60E+01	FUEL OIL 2	0.00E+00	0.00E+00		
		029	B	6.90E+01	4.29E+05	8.32E+01	FUEL OIL 2				PROPANE E
		030	B	0.00E+00	0.00E+00	3.60E+01	FUEL OIL 2	0.00E+00	0.00E+00		PROPANE E
	668	006	S	1.13E+01	5.85E+02	2.25E+01	DIESEL 2	0.00E+00	0.00E+00		
		023	B	1.30E+00	8.54E+03	2.29E+00	FUEL OIL 2				
	671	007	B	1.11E+01	3.64E+04	5.60E+01	FUEL OIL 2				PROPANE E
		008	B	1.11E+01	3.64E+04	5.60E+01	FUEL OIL 2				
	675	002	S	7.50E+00	6.00E+01	9.80E+00	FUEL OIL 2				
	679	007	P	5.70E+00	1.98E+02	7.60E+00	PROPANE E				
	682	002	S	1.10E+01	3.50E+02	2.05E+01	DIESEL 2				
	688	043	B	4.37E+00	2.71E+04	8.10E+01	DIESEL 2				PROPANE E
		044	B	4.37E+00	2.71E+04	3.50E+01	DIESEL 2				PROPANE E
		047	S	7.50E+00	9.00E+01	1.50E+01	DIESEL 2				
	696	001	H		6.00E+02	8.00E-01	PROPANE E				
		002	H		6.00E+02	8.00E-01	PROPANE E				
		006	L		1.00E+06	5.90E+00	DIESEL 1				
		007	L	1.00E+06		5.90E+00	DIESEL 1				
		008	L		1.00E+06	5.90E+00	DIESEL 1				
		009	L		1.00E+06	5.90E+00	DIESEL 1				
		010	L		1.00E+06	5.90E+00	DIESEL 1				
		011	L		1.00E+06	5.90E+00	DIESEL 1				
		012	L		1.00E+06	5.90E+00	DIESEL 1				
		021	L		1.00E+06	5.90E+00	DIESEL 1				
		040	L		1.00E+06	5.90E+00	DIESEL 1				

PART I

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Secondary Normal per Hour (gal)	Secondary Normal per Year (gal)	Secondary Max per Hour (gal)	Secondary Fuel
CPP	1642	007	S	2.00E+01	5.20E+02	2.23E+01	DIESEL 2				
	1643	007	S	2.00E+01	5.20E+02	2.23E+01	DIESEL 2				
	1749	004	S	3.00E+00	3.60E+01	4.50E+00	DIESEL 2	1.49E+05	3.00E+01	3.60E+01	
	603	008	P	1.14E+01	2.05E+02	1.77E+01	PROPANE E				
	606	004	B	2.10E+02	6.63E+05	4.02E+02	FUEL OIL 2				
		005	B	1.55E+02	3.13E+05	4.02E+02	FUEL OIL 2				
		019	B	9.10E+01	1.47E+05	4.02E+02	FUEL OIL 2				
	614	002	S	1.40E+01	4.39E+02	1.61E+01	DIESEL 2				
	616	004	S	1.50E+01	4.68E+02	2.16E+01	DIESEL 2				
	644	002	L	5.00E+01	5.20E+03	1.00E+02	DIESEL 2				
		005	S	1.50E+00	1.60E+01	3.00E+00	GASOLINE 10				
	654	007	H	6.84E-01	3.45E+03	7.70E-01	PROPANE E				
		008	H	6.84E-01	3.45E+03	7.70E-01	PROPANE E				
		009	H	6.84E-01	3.45E+03	7.70E-01	PROPANE E				
		010	H	6.84E-01	3.45E+03	7.70E-01	PROPANE E				
		011	H	6.84E-01	3.45E+03	7.70E-01	PROPANE E				
		012	H	6.84E-01	3.45E+03	7.70E-01	PROPANE E				
	655	018	H	6.84E-01	3.45E+03	7.70E-01	PROPANE E				
		019	H	2.59E+00	1.31E+04	2.70E+00	PROPANE E				
		026	H	2.07E+00	1.04E+04	2.07E+00	PROPANE E				
		027	#								
		028	H	2.07E+00	1.04E+04	2.07E+00	PROPANE E				
		030	H	2.59E+00	1.31E+04	2.59E+00	PROPANE E				
		031	H	2.59E+00	1.31E+04	2.59E+00	PROPANE E				
	659	006	S	5.00E+01	9.00E+02	1.12E+03	DIESEL 2				
		007	S	1.80E-01	5.00E+00	4.00E+01	GASOLINE 7				
		008	L	5.00E+01	9.00E+02	1.12E+03	DIESEL 2				
	679	002	H	1.50E+00	7.56E+03	2.00E+00	PROPANE E				
		003	H	1.50E+00	7.56E+03	2.00E+00	PROPANE E				
	687	026	L	5.00E+01	5.20E+03	1.00E+02	DIESEL 2				
		049	S	1.50E+00	1.95E+01	3.00E+00	DIESEL 2				
	698	009	H	7.80E-01	1.14E+03	9.40E-01	PROPANE E				
		010	H	7.80E-01	1.14E+03	9.40E-01	PROPANE E				
		016	H	7.80E-01	1.14E+03	9.40E-01	PROPANE E				
		017	H	7.80E-01	1.14E+03	9.40E-01	PROPANE E				
		018	H	7.80E-01	1.14E+03	9.40E-01	PROPANE E				
	787	001	B	3.00E+03	1.25E+04	6.07E+03	COAL 00				
	T-6	001	H	7.80E-01	5.31E+02	9.40E-01	PROPANE E				
		004	H	7.80E-01	5.31E+02	9.40E-01	PROPANE E				
	TR19	002	H	7.80E-01	3.92E+03	9.40E-01	PROPANE E				
	TR29	001	H	5.20E-01	3.35E+02	9.40E-01	PROPANE E				

PART I

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Secondary Normal per Hour (gal)	Secondary Normal per Year (gal)	Secondary Max per Hour (gal)	Secondary Fuel
CPP	TR29	008	H	5.20E-01	3.35E+02	9.40E-01	PROPANE E				

PART I

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Secondary Normal per Hour (gal)	Secondary Normal per Year (gal)	Secondary Max per Hour (gal)	Secondary Fuel
HPTF	601	001	P	3.50E+01	1.50E+02		PROPANE E				

PART I

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Secondary Normal per Hour (gal)	Secondary Normal per Year (gal)	Secondary Max per Hour (gal)	Secondary Fuel
NRF	602	005	S	1.20E+01	1.20E+03	1.20E+01	DIESEL 2				DIESEL 1
	617C	001	L	0.00E+00	0.00E+00	7.00E+01	DIESEL 2				DIESEL 1
		002	L	0.00E+00	0.00E+00	7.00E+01	DIESEL 2				DIESEL 1
	620	012	B	1.60E+02	2.20E+05	4.50E+02	FUEL OIL 5	1.70E+02	7.90E+03	4.80E+02	DIESEL 2
		013	B	1.60E+02	2.20E+05	4.50E+02	FUEL OIL 5	1.70E+02	7.90E+03	4.80E+02	DIESEL 2
		014	B	1.60E+02	2.20E+05	4.50E+02	FUEL OIL 5	1.70E+02	7.90E+03	4.80E+02	DIESEL 2
	622	001	S	1.20E+01	1.92E+02	1.20E+01	DIESEL 2				DIESEL 1
	633A	038	L	3.84E+01	4.63E+03	4.26E+01	DIESEL 2				DIESEL 1
	635	006	S	7.70E+00	4.00E+02	1.25E+01	DIESEL 2				DIESEL 1
		007	S	7.70E+00	4.00E+02	1.25E+01	DIESEL 2				DIESEL 1
	686	016	L	7.00E+01	4.33E+03	9.00E+01	DIESEL 2				DIESEL 1
		017	L	7.00E+01	4.33E+03	9.00E+01	DIESEL 2				DIESEL 1
		018	L	7.00E+01	4.33E+03	9.00E+01	DIESEL 2				DIESEL 1
		019	L	7.00E+01	4.33E+03	9.00E+01	DIESEL 2				DIESEL 1

PART I

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Secondary Normal per Hour (gal)	Secondary Normal per Year (gal)	Secondary Max per Hour (gal)	Secondary Fuel
PER	601	010	H	1.30E+01	9.00E+03	1.30E+01	FUEL OIL 2				
	601A	010	F	1.30E+00	9.00E+03	1.30E+00	FUEL OIL 2				
	609	006	S	1.00E+01	1.20E+02	2.00E+01	DIESEL 2				
	612	006	F	1.30E+00	9.00E+03	1.30E+00	FUEL OIL 2				
	613	009	B	4.30E+00	2.70E+02	1.20E+01	DIESEL 2				
	620	023	B	1.20E+01	7.90E+04	1.20E+01	FUEL OIL 2	1.00E+00	2.30E+01	1.00E+00	PROPANE A
	625	001	L	0.00E+00	0.00E+00	0.00E+00	DIESEL 2				
	632	007	F	1.30E+00	9.00E+03	1.30E+00	FUEL OIL 2				
		008	F	1.30E+01	9.00E+03	1.30E+01	FUEL OIL 2				
	638	004	S	1.04E+01	2.70E+02	1.04E+01	DIESEL 2				

PART I

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Secondary Normal per Hour (gal)	Secondary Normal per Year (gal)	Secondary Max per Hour (gal)	Secondary Fuel
TAN	603	011	S	2.50E+01	6.50E+02	4.30E+01	FUEL OIL 2				
		022	B	1.37E+02	1.54E+05	3.12E+02	FUEL OIL 2				DIESEL 2
		027	B	7.88E+01	1.01E+05	1.38E+02	FUEL OIL 2				
		028	B	7.88E+01	8.77E+04	1.40E+02	FUEL OIL 2				
	607	046	S	3.36E+01	1.75E+03	4.48E+01	FUEL OIL 2				
	610	002	S	1.10E+01	3.00E+02	2.05E+01	FUEL OIL 2				
	641	034	B	4.47E+00		4.50E+01	FUEL OIL 2				
		035	B	4.47E+00		4.50E+01	FUEL OIL 2				
	652	003	S	3.80E+00	1.00E+02	7.60E+00	FUEL OIL 1				
	665	002	S	1.00E+01	2.60E+02	2.00E+01	FUEL OIL 2				
	675	010	S	1.25E+01	7.00E+02	3.09E+01	FUEL OIL 2				
		035	B	2.68E+01	2.22E+04	1.68E+02	FUEL OIL 2				
		037	B	9.32E+01	1.39E+04	1.68E+02	FUEL OIL 2				
	679	012	S	1.53E+01	9.82E+02	3.70E+01	FUEL OIL 2				
		067	B	6.14E+01	2.48E+05	1.68E+02	FUEL OIL 2				
		068	B	4.12E+01	1.72E+05	1.68E+02	FUEL OIL 2				
	687	020	S	1.80E+00	2.10E+01	3.60E+00	FUEL OIL 2				FUEL OIL 2

PART I

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Secondary Normal per Hour (gal)	Secondary Normal per Year (gal)	Secondary Max per Hour (gal)	Secondary Fuel
TRA	619	008	S	1.00E+01	5.20E+02	1.00E+01	DIESEL 1				
		009	S	1.00E+01	5.20E+02	1.00E+01	DIESEL 1				
	633	003	S	1.00E+01	5.20E+02	1.00E+01	DIESEL 1				
		004	S	1.00E+01	5.20E+02	1.00E+01	DIESEL 1				
	670	046	L	4.80E+01	2.10E+05	6.00E+01	DIESEL 2				
		053	L	4.80E+01	2.08E+05	6.00E+01	DIESEL 2				
	670A	001	S				DIESEL 2				
	674	007	S	5.40E+01	1.41E+03	1.08E+02	DIESEL 2				
	680	001	S	1.00E+00	6.00E+00		DIESEL 1				

PART I

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Secondary Normal per Hour (gal)	Secondary Normal per Year (gal)	Secondary Max per Hour (gal)	Secondary Fuel
WMF	603	005	P	2.00E+00	2.00E+02	2.70E+00	PROPANE E				
	610	003	P	4.00E+00	2.00E+02	4.00E+00	PROPANE E				
		004	P	4.00E+00	2.40E+03	4.00E+00	PROPANE E				
	612	001	P	2.00E+00	1.50E+02	2.00E+00	PROPANE E				
		004	P	3.50E+01	2.00E+04	3.50E+01	PROPANE E				
	637	001	B				PROPANE A				
		002	H								
	639	001	S								
	711	001	P	1.00E+00	2.00E+02	1.30E+00	PROPANE E				
		004	P	1.50E+01	8.00E+03	1.50E+01	PROPANE E				

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Horse Power	Maximum Hours
ANL	701	009	S			143.0	5400
	707	002	S			460.0	1800
	709	008	L				8760
		016	L				8760
	720	017	S			173.0	5400
	752A	001	S			390.0	2700
	754	003	S			77.0	8760
	768	003	S			741.0	200
		022	B	22.5	INDUSTRIAL		8760
		024	B	24.0	INDUSTRIAL		8760
		027	B	24.0	INDUSTRIAL		8760
		028	S			173.0	5400
		034	B	25.0	INDUSTRIAL		8760
	774	001	S			166.0	5400
	785	017	S			290.0	2700

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Horse Power	Maximum Hours
B08	601	003	S			60.0	8760

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Horse Power	Maximum Hours
B27	601	001	S			60.0	8760

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Horse Power	Maximum Hours
CFA	1603	001	S			196.0	5400
		002	S			196.0	5400
	604	001	S			62.0	8760
	607	004	F	0.1	RESIDENTIAL		8760
	608	001	B	1.5	COMMERCIAL		8760
	609	001	S			166.0	5400
		005	B	2.1	COMMERCIAL		
	613	003	B	0.3	RESIDENTIAL		
	617	024	B	2.5	COMMERCIAL		
	633	091	S			110.0	5400
	650	007	B	4.9	COMMERCIAL		
	662	011	B	2.0	COMMERCIAL		8760
		027	B	5.0	COMMERCIAL		8760
	664	034		1.0	RESIDENTIAL		8760
		035		1.0	RESIDENTIAL		8760
	665	028	B	4.2	COMMERCIAL		
		029	B	11.7	INDUSTRIAL		
		030	B	4.2	COMMERCIAL		
	668	006	S			350.0	2700
		023	B	0.4	RESIDENTIAL		8760
	671	007	B	7.8	COMMERCIAL		
		008	B	7.8	COMMERCIAL		
	675	002	S			150.0	5400
	682	002	S			310.0	
	688	043	B	11.3	INDUSTRIAL		
		044	B	5.0	COMMERCIAL		
		047	S			100.0	8760
	696	001					8760
		002					8760
		006	L			300.0	2700
		007	L				8760
		008	L			300.0	2700
		009	L			300.0	2700
		010	L			300.0	2700
		011	L			300.0	2700
		012	L			300.0	2700
		021	L				8760
		040	L			350.0	2700

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Horse Power	Maximum Hours
CPP	1642	007	S			370.0	2700
	1643	007	S			370.0	2700
	1749	004	S			50.0	8760
	606	004	B	53906.0	INDUSTRIAL		8760
		005	B	53906.0	INDUSTRIAL		8760
		019	B		INDUSTRIAL		8760
	614	002	S			300.0	2700
	616	004	S			360.0	2700
	644	002	L			2000.0	200
		005	S			14.0	8760
	654	007					8760
		008					8760
		009					8760
		010					8760
		011					8760
		012					8760
	655	018					8760
		019					8760
		026					8760
		028					8760
		030					8760
		031					8760
	659	006	S			1740.0	200
		007	S			8.0	8760
		008	L			1616.0	200
	679	002					8760
		003					8760
	687	026	L			2535.0	200
		049	S			14.0	5400
	698	009					8760
		010					8760
		016					8760
		017					8760
		018					8760
	787	001	B		INDUSTRIAL		8760
	T-6	001					8760
		004					8760
	TR19	002					8760
	TR29	001					8760
		008					8760

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Horse Power	Maximum Hours
NRF	602	005	S			300.0	2700
	617C	001	L			1400.0	200
		002	L			1400.0	200
	620	012	B	48.0	INDUSTRIAL		8760
		013	B	48.0	INDUSTRIAL		8760
		014	B	48.0	INDUSTRIAL		8760
	622	001	S			400.0	2700
	633A	038	L			716.0	200
	635	006	S			220.0	2700
		007	S			220.0	2700
	686	016	L			1410.0	200
		017	L			1410.0	200
		018	L			1410.0	200
		019	L			1410.0	200

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Horse Power	Maximum Hours
PER	601	010		0.4	RESIDENTIAL		6923
	601A	010	F	0.2	RESIDENTIAL		6923
	609	006	S			335.0	2700
	612	006	F	0.6	COMMERCIAL		6923
	613	009	B	1.7	COMMERCIAL		6417
	620	023	B	1.6	COMMERCIAL		6580
	625	001	L			760.0	200
	632	007	F	0.3	RESIDENTIAL		6923
		008	F	0.3	RESIDENTIAL		6923
	638	004	S			196.0	5400

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Horse Power	Maximum Hours
TAN	603	011	S			665.0	200
		022	B	42.8	INDUSTRIAL		8760
		027	B	20.9	COMMERCIAL		8760
		028	B	20.9	COMMERCIAL		8760
	607	046	S			375.0	2700
	610	002	S			310.0	2700
	641	034	B	6.3	COMMERCIAL		8760
		035	B	6.3	COMMERCIAL		8760
	652	003	S			310.0	2700
	665	002	S			310.0	2700
	675	010	S			598.0	1800
		035	B	25.0	INDUSTRIAL		8760
		037	B	25.0	INDUSTRIAL		8760
	679	012	S			890.0	200
		067	B	25.0	INDUSTRIAL		8760
		068	B	25.0	INDUSTRIAL		8760
	687	020	S			99.0	8760

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Horse Power	Maximum Hours
TRA	619	008	S			525.0	1800
		009	S			525.0	1800
	633	003	S			525.0	1800
		004	S			525.0	1800
	670	046	L			2118.0	8760
		053	L			2118.0	8760
	670A	001	S			176.0	5400
	674	007	S			1817.0	816
	680	001	S			250.0	2700

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Horse Power	Maximum Hours
WMF	637	001	B				8760
		002		1.2	RESIDENTIAL		8760
	639	001	S			217.0	2700

PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
ANL	701	012	2.7E+02	0.8	20	7.3E-01	3.0E+02	3.0E+00	5.6E+00	FIXED ROOF	DSL #1&2 50:50	OUTSIDE BUILDING
	707	001	6.0E+02	0.8	20	5.0E-01	2.8E+02	3.0E+00	6.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	709	001	1.2E+03	0.9	100	.6E+00	1.1E+03	4.0E+00	1.3E+01	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	009		1.2E+03	0.9	100	.6E+00	1.1E+03	4.0E+00	1.3E+01	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	720	025	1.7E+02	0.9	100	4.2E-01	1.0E+03	5.3E+00	6.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	721	003	1.2E+03	0.5		.8E+00	5.0E+02	3.5E+00	7.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	742	002	4.3E+03	0.5	100	.0E+00	4.0E+03	6.0E+00	1.8E+01	FIXED ROOF	GASOLINE	OUTSIDE BUILDING
	005		3.9E+03	0.5	100	.0E+00	2.3E+02	6.3E+00	1.3E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	006		1.5E+04	0.5	100	.0E+00	2.3E+02	6.3E+00	1.3E+01	FIXED ROOF	GASOLINE	OUTSIDE BUILDING
	752A	005	3.4E+02	0.5	100	.8E+00	5.0E+02	3.5E+00	7.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	754	001	6.0E+01	0.8	100	7.0E-01	1.5E+02	2.8E+00	4.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	755A	001	2.3E+05	0.5	200	.3E+00	1.0E+05	2.6E+01	3.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	755B	002	1.2E+05	0.5	200	9.0E-01	6.0E+04	1.8E+01	2.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	768	004	2.0E+03	0.9	100	5.8E-01	3.0E+03	5.3E+00	1.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	005		1.0E+06	0.9	100	.0E+00	1.0E+04	1.0E+01	1.7E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	774	003	2.0E+02	0.9	100	5.3E-01	1.0E+03	5.3E+00	9.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	785	015	1.9E+04	0.5		.5E+00	5.0E+02	3.8E+00	5.8E+00	FIXED ROOF	Diesel #2	INSIDE BUILDING
	793	012	0.0E+00	0.0	200	.0E+00	3.0E+02	3.7E+00	5.2E+00	PRESSURE	RADIOACTIVE ETHAN	INSIDE BUILDING
	014		0.0E+00	0.0	200	.0E+00	3.0E+02	3.7E+00	5.2E+00	PRESSURE	ETHANOL	INSIDE BUILDING
	793A	025	0.0E+00	0.2	200	8.0E-01	6.0E+03	1.0E+01	1.2E+01	PRESSURE	ETHANOL	OUTSIDE BUILDING
	027		0.0E+00	0.5	200	.9E+00	5.0E+02	3.8E+00	5.8E+00	PRESSURE	ETHANOL	OUTSIDE BUILDING
	029		0.0E+00	0.8	200	2.0E-01	6.0E+03	1.0E+01	1.2E+01	PRESSURE	ETHANOL	OUTSIDE BUILDING
	031		0.0E+00	0.8	200	.4E+00	7.5E+02	5.5E+00	6.2E+00	PRESSURE	ETHANOL	OUTSIDE BUILDING
	033		0.0E+00	0.7	200	.7E+00	5.0E+02	3.8E+00	5.8E+00	PRESSURE	ETHANOL	OUTSIDE BUILDING
	035		0.0E+00	0.7	200	.1E+00	5.0E+02	3.8E+00	5.8E+00	PRESSURE	ETHANOL	OUTSIDE BUILDING

PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
B08	601	001	6.5E+01	0.8	200	3.4E-01	6.0E+01	2.0E+00	2.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING

PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
B16	601	008	5.5E+02	0.9	100	5.8E-01	1.0E+03	5.3E+00	6.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	703	001	1.1E+03	0.8	100	8.8E-01	5.0E+02	1.2E+01	4.4E+00	FIXED ROOF	GAS/DIESEL MIX	OUTSIDE BUILDING
	704	001	7.1E+04	0.5	100	4.0E-01	1.5E+04	1.1E+01	2.9E+01	FIXED ROOF	gasoline	OUTSIDE BUILDING
		002	1.7E+04	0.5	100	4.0E-01	1.5E+04	1.1E+01	2.9E+02	FIXED ROOF	diesel	OUTSIDE BUILDING

PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
B23	602	002	6.5E+01	0.8	200	3.4E-01	6.0E+01	2.0E+00	2.1E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING

PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
B27	601	003	6.5E+01	0.8	200	3.4E-01	6.0E+01	2.0E+00	2.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING

PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
CFA	1603	003					2.9E+02					INSIDE BUILDING
		004										
	1701	001										
	1702	001										
	1703	001										
	1708	001										
	1709	001					2.5E+03				LUBE OIL	
		002					2.5E+03				LUBE OIL	
		003					2.5E+03				LUBE OIL	
		004					6.0E+03				LUBE OIL	
		005					1.5E+04				Diesel	
		006					1.5E+04				Diesel	
		007					1.5E+04				Gasoline	
	608	005										
	609	002	0.0E+00	0.5	10	7.5E-01	5.0E+01	1.5E+00	3.8E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	668	001	1.8E+02	0.0	100	.0E+00	1.0E+03	4.3E+00	1.1E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		010	0.0E+00	0.0	100	.0E+00	1.0E+04	8.0E+00	2.7E+01	FIXED ROOF	GASOLINE	OUTSIDE BUILDING
	684	002	5.0E+02	0.5	200	.8E+00	5.0E+02	3.5E+00	7.0E+00	FIXED ROOF	GASOLINE	OUTSIDE BUILDING
	688	003	2.3E+03	0.5	100	1.0E-02	3.3E+04	6.3E+00	1.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		048	0.0E+00	0.0	100	.0E+00	5.0E+02	3.5E+00	7.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	708	001	5.6E+04	0.8	200	.5E+00	4.2E+04	2.0E+01	1.8E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	713	001	3.5E+04	0.5	100	4.0E-01	1.0E+04	8.0E+00	2.7E+01	FIXED ROOF	GASOLINE	OUTSIDE BUILDING
		002	3.5E+04	0.5	100	4.0E-01	8.0E+03	8.0E+00	2.1E+01	FIXED ROOF	GASOLINE	OUTSIDE BUILDING
	721	001	5.3E+04	0.8	100	.3E+00	1.2E+04	8.0E+00	3.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	729	001	8.6E+03	0.9	100	6.9E-01	1.0E+03	4.3E+00	1.1E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	730	001	1.7E+03	0.9	100	3.2E-01	5.0E+02	3.5E+00	7.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	731	001	9.9E+04	0.7	100	.7E+00	1.2E+04	8.0E+00	3.6E+01	FIXED ROOF	JP-4	OUTSIDE BUILDING
	732	001	2.5E+04	0.5	100	4.0E-01	1.2E+04	8.0E+00	3.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	734	001	6.1E+02	0.5	100	1.8E-01	5.0E+02	3.5E+00	7.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	735	001	0.0E+00	0.8	100	5.6E-01	5.0E+02	3.5E+00	7.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	738	001	5.2E+03	0.8	100	.2E+00	2.5E+03	5.3E+00	1.1E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	739	001	5.2E+03	0.8	100	.2E+00	2.5E+03	5.3E+00	1.1E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	741	001	1.7E+05	0.9	100	5.6E-01	1.0E+04	8.0E+00	2.7E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		002	1.7E+05	0.9	100	5.6E-01	1.0E+04	8.0E+00	2.7E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	748	001	5.5E+02	0.7	100	.6E+00	5.0E+02	5.3E+00	6.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	749	001	2.0E+04	0.4	200	.2E+00	1.0E+04	9.0E+00	2.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	754	001	1.0E+05	0.5	90	.0E+00	3.0E+04	1.7E+01	1.8E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		002	5.6E+04	0.5	90	.3E+00	2.1E+04	1.5E+01	2.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		003	2.5E+04	0.5	90	.3E+00	2.1E+04	1.5E+01	1.7E+01	FIXED ROOF	UNLEADED GASOLIN	OUTSIDE BUILDING
		004	4.4E+03	0.5	90	.4E+00	5.0E+03	8.5E+00	1.2E+01	FIXED ROOF	DIESEL #1	OUTSIDE BUILDING
		005	4.4E+03	0.5	90	.4E+00	5.0E+03	8.5E+00	1.2E+01	FIXED ROOF	DIESEL #1	OUTSIDE BUILDING
		006	7.1E+04	0.5	90	.0E+00	4.6E+04	2.2E+01	1.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		007	2.5E+04	0.5	90	.5E+00	1.6E+04	9.5E+00	2.1E+01	FIXED ROOF	UNLEADED GASOLIN	OUTSIDE BUILDING
	757	001	7.1E+04	0.9	100	9.6E-01	1.2E+04	8.0E+00	3.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING

PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
CFA	759	001	7.4E+04	0.9	100	.3E+00	2.0E+04	1.1E+01	3.8E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING

PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
CPP	1642	003	2.5E+02	0.5	100	.0E+00	5.0E+02	4.0E+00	6.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	1643	003	2.6E+02	0.8	100	.0E+00	5.0E+02	4.0E+00	6.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	1749	002	0.0E+00	0.4	200	.5E+00	1.5E+02	2.0E+00	5.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	601	024										
	614	001	4.7E+01	0.9	200	4.1E-01	3.0E+02	3.0E+00	5.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	616	007	2.2E+02	0.4	200	8.5E-01	8.5E+01	1.9E+00	4.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	637	057										
	644	004	1.6E+01	0.8	200	1.0E-01	5.4E+00	6.5E-01	2.2E+00	FIXED ROOF	GASOLINE	INSIDE BUILDING
		006	5.2E+03	0.8	10	.0E+00	5.0E+01	1.7E+00	3.1E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		013	2.5E+03	0.5	200	.0E+00	3.0E+03	3.0E+00	1.5E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	659	010	0.0E+00	0.7	100	.7E+00	5.0E+03	7.8E+00	1.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		011	0.0E+00	0.7	100	.7E+00	5.0E+03	7.8E+00	1.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		035	4.0E+00	0.7	200	1.5E-01	6.1E+00	7.6E-01	1.8E+00	FIXED ROOF	GASOLINE	INSIDE BUILDING
	701A	001	1.1E+06	0.8	200	.3E+00	2.4E+05	3.5E+01	3.3E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	701B	001	0.0E+00	0.8	200	.4E+00	5.0E+04	2.0E+01	2.2E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	702A	001	0.0E+00	0.8	200	.2E+00	2.0E+04	1.2E+01	2.4E+01	FIXED ROOF	KEROSENE	OUTSIDE BUILDING
	702B	001	0.0E+00	0.8	200	.2E+00	2.0E+04	1.2E+01	2.4E+01	FIXED ROOF	KEROSENE	OUTSIDE BUILDING
	703	001	2.6E+03	0.7	100	.4E+00	1.0E+03	4.0E+00	1.2E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		002	6.3E+03	0.3	100	.6E+00	2.0E+03	5.0E+00	1.4E+01	FIXED ROOF	UNLEADED GAS	OUTSIDE BUILDING
	775	005	1.6E+03	0.5	200		1.5E+03	5.3E+00	9.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING

PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
NRF	617C	003	0.0E+00	0.8	200	9.4E-01	1.6E+03	6.0E+00	1.4E+01	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	618	200	0.0E+00	0.0	100	.0E+00	1.5E+03	4.0E+00	9.5E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	633A	004	4.6E+03	0.9	200	5.0E-01	6.4E+03	8.0E+00	1.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	686	001	4.3E+03	0.9	200	3.2E-01	2.2E+02	4.0E+00	2.3E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		002	3.4E+04	0.9	200	3.2E-01	2.2E+02	4.0E+00	2.3E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		003	4.3E+03	0.9	200	3.2E-01	2.2E+02	4.0E+00	2.3E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		004	4.3E+03	0.9	200	3.2E-01	2.2E+02	4.0E+00	2.3E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	709	001	0.0E+00	0.7	200	.5E+00	3.0E+03	5.0E+00	1.8E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	711A	001	1.8E+05	0.8	200	.0E+00	2.5E+04	1.7E+01	1.6E+01	FIXED ROOF	FUEL OIL #5	OUTSIDE BUILDING
	711B	001	1.8E+05	0.8	200	.0E+00	2.5E+04	1.7E+01	1.6E+01	FIXED ROOF	FUEL OIL #5	OUTSIDE BUILDING
	711C	001	1.8E+05	0.8	200	.0E+00	2.5E+04	1.7E+01	1.6E+01	FIXED ROOF	FUEL OIL #5	OUTSIDE BUILDING
	718	001	1.2E+03	0.8	200	9.9E-01	5.0E+02	3.9E+00	6.1E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	727	001	2.0E+02	0.8	200	.6E+00	3.0E+03	6.3E+00	1.3E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	728	008	8.0E+02	0.8	200	8.4E-01	2.8E+02	3.5E+00	4.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	730C	031	0.0E+00	0.0	200	.0E+00	1.0E+04	8.5E+00	2.5E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	739	008	0.0E+00	0.9	200	5.0E-01	1.2E+04	1.0E+01	2.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		009	0.0E+00	0.9	200	5.0E-01	1.2E+04	1.0E+01	2.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	747	001	0.0E+00	0.5	200	.5E+00	1.0E+04	1.0E+01	1.5E+01	FIXED ROOF	FUEL OIL #5	OUTSIDE BUILDING
		002	0.0E+00	0.5	200	.5E+00	1.0E+04	1.0E+01	1.5E+01	FIXED ROOF	FUEL OIL #5	OUTSIDE BUILDING
	759A	001	8.7E+03	0.8	200	4.0E-01	2.5E+04	1.0E+01	4.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	759B	001	8.7E+03	0.8	200	4.0E-01	2.5E+04	1.0E+01	4.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING

PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
PER	609	010	8.0E+01	0.9	10	.0E+00	8.0E+01	1.8E+00	3.6E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	625	002										
		004										
	626	005	6.8E+01	0.8	2	2.5E-01	1.1E+02	2.0E+00	6.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	638	005										
	705	001	5.5E+02	0.8	200	.2E+00	4.0E+03	8.0E+00	1.3E+01	FIXED ROOF	MIXED #1 & #2 DIESE	OUTSIDE BUILDING
	711	001	3.0E+02	0.8	100	3.2E-01	3.0E+02	3.2E+00	5.2E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	716	001	3.5E+03	0.9	100	.9E+00	4.0E+03	5.0E+00	2.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	722	001										
	737	001					2.5E+03					
	740	001	1.3E+03	0.9	100	.9E+00	2.5E+03	5.0E+00	1.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	742	001	5.4E+02	0.9	100	.9E+00	1.0E+03	4.0E+00	1.1E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	743	001	5.5E+02	0.9	100	.0E+00	2.5E+03	5.0E+00	1.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	752	001	5.8E+02	0.9	100	.9E+00	2.5E+03	5.0E+00	1.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING

PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
TAN	607	047	4.0E+02	0.5	100	.8E+00	1.0E+03	3.5E+00	7.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	610	001	3.0E+02	0.5	200	.1E+00	3.0E+02	2.0E+00	5.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	652	002	0.0E+00	0.0	200	.0E+00	1.9E+02			FIXED ROOF	DIESEL #2	INSIDE BUILDING
	665	001	2.6E+02	0.5	200	.5E+00	3.0E+02	2.9E+00	6.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	675	021	3.7E+04	0.4	100	.5E+00	4.8E+04	1.2E+01	6.3E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		024	0.0E+00	0.9	100	.8E+00	4.8E+04	1.2E+01	6.3E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	679	069	4.2E+05	0.6	21	.8E+00	4.0E+02	3.5E+00	5.8E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		084	1.0E+03	0.5	21	.3E+00	2.0E+02	2.5E+00	6.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	681	004	4.2E+05	0.7	100	.5E+00	9.6E+04	1.2E+01	6.3E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	687	008	1.5E+02	0.5	200	.1E+00	1.5E+02	2.5E+00	4.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	702	001	2.0E+05	0.5	100	.5E+00	1.0E+05	2.2E+01	3.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		002	0.0E+00	0.0	90	.0E+00	1.0E+05	2.2E+01	3.0E+01	FIXED ROOF	FUEL OIL #5	OUTSIDE BUILDING
	704	001	2.0E+05	0.5	90	.3E+00	1.9E+05	2.8E+01	3.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	724	002	6.6E+03	0.5	90	.1E+00	1.9E+05	2.8E+01	3.6E+01	FIXED ROOF	FUEL OIL #5	OUTSIDE BUILDING
	759	001	4.5E+04	0.5	200	5.0E-01	1.9E+02	2.5E+00	4.0E+00	FIXED ROOF	DIESEL #1	INSIDE BUILDING
	766	001	0.0E+00	0.0	100	.0E+00	5.0E+04	1.2E+01	6.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	767A	001	3.2E+04	0.5	100	.0E+00	3.5E+04	1.2E+01	3.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	767B	001	3.2E+04	0.5	100	.0E+00	3.5E+04	1.2E+01	3.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	783	001	5.7E+04	0.6	100	.8E+00	1.2E+04	8.0E+00	3.2E+01	FIXED ROOF	GASOLINE	OUTSIDE BUILDING
	792	001	7.5E+04	0.6	100	.0E+00	1.0E+04	8.0E+00	2.7E+01	FIXED ROOF	DIESEL #1	OUTSIDE BUILDING
	794	001	6.0E+02	0.5	100	.7E+00	1.0E+03	5.3E+00	6.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	797	001	6.5E+02	0.5	100	.7E+00	1.0E+03	5.3E+00	6.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING

PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
TRA	619	006	7.8E+02	0.8	200	8.5E-01	3.0E+02	3.4E+00	4.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	633	002	7.8E+02	0.8	200	9.4E-01	6.6E+02	3.8E+00	8.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	670	048	9.6E+01	1.0	2	5.0E-01	1.0E+01	8.3E-01	2.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	670A	002								FIXED ROOF	DIESEL #2	
	674	005	0.0E+00	0.0	20	.0E+00	2.8E+02	3.9E+00	5.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	680	002					3.0E+02			FIXED ROOF	DIESEL #2	
	727	001	0.0E+00	0.0	200	.0E+00	2.2E+05	3.0E+01	4.2E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		002	0.0E+00	0.0	200	.0E+00	2.2E+05	3.0E+01	4.2E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		003	1.3E+05	0.8	150	.0E+00	3.0E+04	1.6E+01	2.1E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		004	1.3E+05	0.8	150	.0E+00	9.2E+04	2.0E+01	2.1E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	775	001	1.3E+05	0.8	150	.0E+00	3.7E+04	1.8E+01	2.1E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	777B	001								FIXED ROOF		
	777C	001								FIXED ROOF		

PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
WMF	639	002	5.6E+02	0.6	200	.0E+00	2.5E+02	3.0E+00	5.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING

PART II

AREA	BLDG	VENT	Air Flow Rate (ft3/min)	J	Vapor Recovery Method	% Recovery Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond
ANL	701	012					UNDER GROUND	HORIZONT				
	707	001			N/A		ABOVE GROUND	HORIZONT	N/A		N/A	
	709	001		N			ABOVE GROUND	HORIZONT	N/A		GRAY	
		009		N			ABOVE GROUND	HORIZONT			GRAY	
	720	025					UNDER GROUND	HORIZONT				
	721	003					UNDER GROUND	HORIZONT				
	742	002		N	N/A		UNDER GROUND	HORIZONT				
		005		N	NONE		UNDER GROUND	HORIZONT				
		006		N	NONE		UNDER GROUND	HORIZONT				
	752A	005		N/A			UNDER GROUND	HORIZONT				
	754	001		N/A			ABOVE GROUND	HORIZONT				
	755A	001		N/A			ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
	755B	002		N/A			ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
	768	004		N			UNDER GROUND	HORIZONT				
		005		N			UNDER GROUND	HORIZONT				
	774	003		N/A			UNDER GROUND	HORIZONT				
	785	015										
	793	012		Y	N/A		ABOVE GROUND	VERTICAL				
		014		Y	N/A		ABOVE GROUND	VERTICAL				
	793A	025		N/A			ABOVE GROUND	VERTICAL			WHITE	
		027		Y	N/A		ABOVE GROUND	HORIZONT			WHITE	
		029		Y	N/A		ABOVE GROUND	VERTICAL			SILVER	
		031		N/A			ABOVE GROUND	HORIZONT			WHITE	
		033		Y	N/A		ABOVE GROUND	HORIZONT			WHITE	
		035		Y	N/A		ABOVE GROUND	HORIZONT			WHITE	

PART II

AREA	BLDG	VENT	Air Flow Rate (ft3/min)	J	Vapor Recovery Method	% Recovery Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond
B08	601	001			NONE		ABOVE GROUND	HORIZONT	GREEN	GOOD	GREEN	GOOD

PART II

AREA	BLDG	VENT	Air Flow Rate (ft3/min)	J	Vapor Recovery Method	% Recovery Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond
B16	601	008					UNDER GROUND	HORIZONT				
	703	001			NONE		UNDER GROUND	HORIZONT				
	704	001					UNDER GROUND	HORIZONT				
		002					UNDER GROUND	HORIZONT				

AREA	BLDG	VENT	Air Flow Rate (ft ³ /min)	J	Vapor Recovery Method	% Recovery Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond
B23	602	002	ABOVE GROUND HORIZONTAL									

AREA	BLDG	VENT	Air Flow Rate (ft ³ /min)	J	Vapor Recovery Method	% Recovery Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond
B27	601	003	ABOVE GROUND HORIZONT									

PART II

AREA	BLDG	VENT	Air Flow Rate (ft3/min)	J	Vapor Recovery Method	% Recovery Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond
CFA	1603	003					ABOVE GROUND	HORIZONT			YELLOW	
		004					ABOVE GROUND	HORIZONT			YELLOW	
	1701	001					UNDER GROUND	HORIZONT				
	1702	001										
	1703	001										
	1708	001										
	1709	001										
		002										
		003										
		004										
		005										
		006										
		007										
	608	005										
	609	002					ABOVE GROUND	VERTICAL				
	668	001					UNDER GROUND	HORIZONT				
		010					UNDER GROUND	HORIZONT				
	684	002					ABOVE GROUND	HORIZONT	FLAT SILVE	POOR	FLAT SILVE	POOR
	688	003		N/A			UNDER GROUND	HORIZONT				
		048					UNDER GROUND	HORIZONT				
	708	001					ABOVE GROUND	VERTICAL	WHITE	GOOD	WHITE	GOOD
	713	001					UNDER GROUND	HORIZONT				
		002					UNDER GROUND	HORIZONT				
	721	001					UNDER GROUND	HORIZONT				
	729	001					UNDER GROUND	HORIZONT				
	730	001					UNDER GROUND	HORIZONT				
	731	001					UNDER GROUND	HORIZONT				
	732	001					UNDER GROUND	HORIZONT				
	734	001					UNDER GROUND	HORIZONT				
	735	001					UNDER GROUND	HORIZONT				
	738	001					UNDER GROUND	HORIZONT				
	739	001					UNDER GROUND	HORIZONT				
	741	001					UNDER GROUND	HORIZONT				
		002					UNDER GROUND	HORIZONT				
	748	001					UNDER GROUND	HORIZONT				
	749	001					ABOVE GROUND	HORIZONT	WHITE	GOOD	WHITE	GOOD
	754	001					ABOVE GROUND	VERTICAL	SILVER, DU	GOOD	SILVER, DU	GOOD
		002					ABOVE GROUND	VERTICAL	SILVER, DU	GOOD	SILVER, DU	GOOD
		003					ABOVE GROUND	VERTICAL	SILVER, DU	GOOD	SILVER, DU	
		004					ABOVE GROUND	VERTICAL	SILVER, DU	GOOD	SILVER, DU	
		005					ABOVE GROUND	VERTICAL	SILVER, DU	GOOD		
		006					ABOVE GROUND	VERTICAL	SILVER, DU			
		007					ABOVE GROUND	VERTICAL	SILVER, DU			

PART II

AREA	BLDG	VENT	Air Flow Rate (ft3/min)	J	Vapor Recovery Method	% Recovery Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond
CFA	757	001					UNDER GROUND	HORIZONT				
	759	001					UNDER GROUND	HORIZONT				

PART II

AREA	BLDG	VENT	Air Flow Rate (ft3/min)	J	Vapor Recovery Method	% Recovery Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond
CPP	1642	003					ABOVE GROUND	HORIZONTAL				
	1643	003					ABOVE GROUND	HORIZONTAL				
	1749	002					UNDER GROUND	HORIZONTAL	RED	GOOD	RED	GOOD
	601	024										
	614	001					ABOVE GROUND	HORIZONTAL	YELLOW	GOOD		
	616	007					ABOVE GROUND	HORIZONTAL	DULL RED		DULL RED	
	637	057										
	644	004			N/A		ABOVE GROUND	HORIZONTAL	SILVER, DU		SILVER, DU	
		006					ABOVE GROUND	VERTICAL	BLUE	GOOD		GOOD
		013					ABOVE GROUND	HORIZONTAL	SILVER	GOOD	SILVER	GOOD
	659	010					UNDER GROUND	HORIZONTAL				
		011					UNDER GROUND	HORIZONTAL				
		035			N/A		ABOVE GROUND	HORIZONTAL	MEDIUM GR		MEDIUM GR	
	701A	001	1.4E+05				ABOVE GROUND	VERTICAL	SHINY SILV	GOOD	SILVER, DU	GOOD
	701B	001		N			ABOVE GROUND	VERTICAL	SHINY SILV	TIN	SILVER, DU	TIN
	702A	001	7.5E+03				ABOVE GROUND	VERTICAL	FLAT SILVE	BAD	FLAT SILVE	BAD
	702B	001	1.4E+03				ABOVE GROUND	VERTICAL	FLAT SILVE	BAD	FLAT SILVE	BAD
	703	001	2.6E+03				UNDER GROUND	HORIZONTAL				
		002	3.5E+04				UNDER GROUND	HORIZONTAL				
	775	005					ABOVE GROUND	HORIZONTAL	GRAY	GOOD	GRAY	GOOD

PART II

AREA	BLDG	VENT	Air Flow Rate (ft3/min)	J	Vapor Recovery Method	% Recovery Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond
NRF	617C	003		N			ABOVE GROUND	HORIZONT				
	618	200		N			UNDER GROUND	HORIZONT				
	633A	004		N			ABOVE GROUND	HORIZONT	GRAY	POOR	GRAY	GOOD
	686	001		N			ABOVE GROUND	VERTICAL				
		002		N			ABOVE GROUND	VERTICAL				
		003		N			ABOVE GROUND	VERTICAL				
		004		N			ABOVE GROUND	VERTICAL				
	709	001		N			ABOVE GROUND	HORIZONT	SILVER	GOOD	SILVER	GOOD
	711A	001		N			ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
	711B	001		N			ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
	711C	001		N			ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
	718	001		N			ABOVE GROUND	HORIZONT		GOOD	BLACK	GOOD
	727	001		N			ABOVE GROUND	HORIZONT	BLACK	GOOD	BLACK	GOOD
	728	008		N			ABOVE GROUND	HORIZONT	LIGHT GRE	GOOD	LIGHT GRE	GOOD
	730C	031		N			ABOVE GROUND	HORIZONT	BLACK	GOOD	BLACK	GOOD
	739	008		N			ABOVE GROUND	HORIZONT	SILVER	GOOD	SILVER	GOOD
		009		N			ABOVE GROUND	HORIZONT	SILVER	GOOD	SILVER	GOOD
	747	001		N			ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
		002		N			ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
	759A	001		N			ABOVE GROUND	HORIZONT	BLACK	GOOD	BLACK	GOOD
	759B	001		N			ABOVE GROUND	HORIZONT	BLACK	GOOD	BLACK	GOOD

PART II

AREA	BLDG	VENT	Air Flow Rate (ft3/min)	J	Vapor Recovery Method	% Recovery Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond
PER	609	010			NONE		ABOVE GROUND	VERTICAL	GREEN	GOOD	GREEN	GOOD
	625	002					ABOVE GROUND	HORIZONTAL				
		004					ABOVE GROUND	HORIZONTAL				
	626	005			NONE		ABOVE GROUND	HORIZONTAL	BLACK	GOOD	BLACK	GOOD
	638	005										
	705	001			NONE		ABOVE GROUND	VERTICAL	WHITE	GOOD	WHITE	GOOD
	711	001			N N/A		ABOVE GROUND	HORIZONTAL	WHITE	GOOD	WHITE	GOOD
	716	001			NONE		UNDER GROUND	HORIZONTAL				
	722	001										
	737	001										
	740	001			NONE		UNDER GROUND	HORIZONTAL				
	742	001			NONE		UNDER GROUND	HORIZONTAL				
	743	001			NONE		UNDER GROUND	HORIZONTAL				
	752	001			NONE		UNDER GROUND	HORIZONTAL				

PART II

AREA	BLDG	VENT	Air Flow Rate (ft3/min)	J	Vapor Recovery Method	% Recovery Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond
TAN	607	047			NONE		UNDER GROUND	HORIZONT				
	610	001			NONE		ABOVE GROUND	HORIZONT			YELLOW	
	652	002					ABOVE GROUND	HORIZONT				
	665	001			NONE		ABOVE GROUND	HORIZONT	YELLOW			
	675	021			N/A		UNDER GROUND	HORIZONT				
		024			N/A		UNDER GROUND	HORIZONT				
	679	069		N	N/A		ABOVE GROUND	HORIZONT			WHITE	GOOD
		084					ABOVE GROUND	HORIZONT			WHITE	GOOD
	681	004			N/A		UNDER GROUND	HORIZONT				
	687	008			NONE		ABOVE GROUND	HORIZONT				
	702	001					ABOVE GROUND	VERTICAL	WHITE	GOOD	LIGHT GRE	GOOD
		002					ABOVE GROUND	VERTICAL	WHITE	GOOD	LIGHT GRE	GOOD
	704	001					ABOVE GROUND	VERTICAL	FLAT SILVE	GOOD	FLAT SILVE	GOOD
	724	002			N/A		ABOVE GROUND	VERTICAL	WHITE	GOOD	LIGHT GRE	GOOD
	759	001					ABOVE GROUND	HORIZONT	LT. BLUE	FAIR	LT. BLUE	POOR
	766	001			NONE		UNDER GROUND	HORIZONT				
	767A	001			NONE		UNDER GROUND	HORIZONT				
	767B	001			NONE		UNDER GROUND	HORIZONT				
	783	001					UNDER GROUND	HORIZONT				
	792	001					UNDER GROUND	HORIZONT				
	794	001		N			UNDER GROUND	HORIZONT				
	797	001		N			UNDER GROUND	HORIZONT				

PART II

AREA	BLDG	VENT	Air Flow Rate (ft ³ /min)	J	Vapor Recovery Method	% Recovery Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond
TRA	619	006					ABOVE GROUND	HORIZONT				
	633	002					ABOVE GROUND	HORIZONT				
	670	048			N/A		ABOVE GROUND	VERTICAL				
	670A	002					ABOVE GROUND					
	674	005			N/A		ABOVE GROUND	HORIZONT				
	680	002										
	727	001					ABOVE GROUND	HORIZONT				
		002					ABOVE GROUND	HORIZONT				
		003					ABOVE GROUND	VERTICAL	FLAT SILVE	ALUMI	FLAT SILVE	ALUMI
		004					ABOVE GROUND	VERTICAL	FLAT SILVE	ALUMI	FLAT SILVE	ALUMI
	775	001					ABOVE GROUND	VERTICAL				
	777B	001					UNDER GROUND					
	777C	001					UNDER GROUND					

PART II

AREA	BLDG	VENT	Air Flow Rate (ft3/min)	J	Vapor Recovery Method	% Recovery Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond
WMF	639	002			N/A		ABOVE GROUND	HORIZONT				

PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Locatio
CPP	012	001	0.0E+00				6.7E+03			VARIABLE V	SULFURIC ACID	OUTSIDE BUILDIN
	601	009	6.3E+02	0.5		.5E+00	3.1E+02	3.0E+00	6.0E+00	FIXED ROOF	AMMONIUM HYDROXI	INSIDE BUILDING
	604	011										
	637	045		0.2		.8E+00	2.0E+03	5.0E+00	1.0E+01	FIXED ROOF	ZIRCONIUM DISSOLU	OUTSIDE BUILDIN
	719A	001		0.9		9.3E-01	3.0E+04	1.8E+01	1.8E+01	FIXED ROOF	NITRIC ACID	OUTSIDE BUILDIN
	719B	001		0.9		.1E+00	1.8E+04	1.0E+01	3.3E+01	FIXED ROOF	NITRIC ACID	OUTSIDE BUILDIN
	720A	001	4.8E+04	0.9		.4E+00	1.6E+04	1.7E+01	3.8E+01	FIXED ROOF	ALUMINUM NITRATE	OUTSIDE BUILDIN
	720B	001	4.8E+04	1.0		2.7E-01	6.2E+03	1.0E+01	1.2E+01	FIXED ROOF	ALUMINUM NITRATE	OUTSIDE BUILDIN
	720C	001	4.8E+04	1.0		2.7E-01	6.2E+03	1.1E+01	1.2E+01	FIXED ROOF	ALUMINUM NITRATE	OUTSIDE BUILDIN
	727	003										
	798	001	7.0E+02	1.0		1.0E-01	1.6E+02	1.5E+00	5.0E+00	FIXED ROOF	HYDROFLUORIC ACID	OUTSIDE BUILDIN

PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Locatio
NRF	633A	024	5.7E+03	0.5		.0E+00	4.0E+03	6.0E+00	2.1E+01	FIXED ROOF	SULFURIC ACID	OUTSIDE BUILDIN
	743	001	7.8E+02	0.0		.7E+00	8.0E+03	8.0E+00	2.2E+01	FIXED ROOF	SULFURIC ACID	OUTSIDE BUILDIN
	745	001	2.4E+03	0.5		.0E+00	6.8E+03	7.5E+00	2.4E+01	FIXED ROOF	SULFURIC ACID	OUTSIDE BUILDIN
		002	3.6E+03	0.5		.0E+00	6.8E+03	7.5E+00	2.4E+01	FIXED ROOF	SODIUM HYDROXIDE	OUTSIDE BUILDIN

[illegible]

PART I

AREA	BLDG	VENT			Fill	Vapor		Tank	Tank			
			Annual	Ave.	Rate	Space	Capacity					
			Thru Put	%	(gal/	Height						
			(gal/yr)	Full	min)	(ft)	(gal)	(ft)	(ft)	Tank Type	Material Stored	Tank Locatio
TRA	608	005	9.5E+03	0.5		.0E+00	2.5E+02	3.5E+00	4.5E+00	FIXED ROOF	SULFURIC ACID	INSIDE BUILDING
		008	9.5E+03	0.5		.0E+00	2.0E+02	2.3E+00	4.4E+00	FIXED ROOF	SODIUM HYDROXIDE	INSIDE BUILDING
	671	004	2.8E+04	0.8		.4E+00	1.5E+03	5.4E+00	9.4E+00	FIXED ROOF	SULFURIC ACID	INSIDE BUILDING
		006	0.0E+00	0.0		.0E+00	1.5E+03	5.4E+00	9.4E+00	FIXED ROOF	SULFURIC ACID	INSIDE BUILDING
	677	001	3.3E+04	0.5		.0E+00	9.0E+03	1.2E+01	1.3E+01	FIXED ROOF	SULFURIC ACID	INSIDE BUILDING
		002	2.0E+04	0.5		.0E+00	9.0E+03	1.2E+01	1.3E+01	FIXED ROOF	SODIUM HYDROXIDE	INSIDE BUILDING

PART II

AREA	BLDG	VENT	Air Flow Rate (ft ³ /min)	J	Vapor Recovery Method	% Recovery Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond
CPP	012	001			GROTH SILICA G	80.00	ABOVE GROUND	HORIZONT				
	601	009			N/A		ABOVE GROUND	HORIZONT	SILVER		SILVER	
	604	011										
	637	045					ABOVE GROUND	HORIZONT	SILVER	GOOD	SILVER	GOOD
	719A	001			N/A		ABOVE GROUND	VERTICAL	SILVER, DU	BAD	SILVER, DU	BAD
	719B	001			N/A		ABOVE GROUND	HORIZONT	SILVER, DU	BAD	SILVER, DU	BAD
	720A	001			N/A		ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
	720B	001			N/A		ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
	720C	001			N/A		ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
	727	003										
	798	001			N/A		ABOVE GROUND	VERTICAL	GRAY	GOOD	GRAY	GOOD

PART II

AREA	BLDG	VENT	Air Flow Rate (ft3/min)	J	Vapor Recovery Method	% Recovery Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond
NRF	633A	024	3.7E+02	N	NONE		UNDER GROUND	HORIZONT				
	743	001		N	N/A		ABOVE GROUND	HORIZONT	GREY	GOOD	GREY	GOOD
	745	001		N	NONE		ABOVE GROUND	HORIZONT	GREY	POOR	GREY	POOR
		002		N	NONE		ABOVE GROUND	HORIZONT	GREY	POOR	GREY	POOR

PART II

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PART II

AREA	BLDG	VENT	Air Flow Rate (ft3/min)	J	Vapor Recovery Method	% Recovery Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond
TRA	608	005					ABOVE GROUND	VERTICAL				
		008					ABOVE GROUND	VERTICAL				
	671	004		N/A			ABOVE GROUND	HORIZONTAL				
		006		N/A			ABOVE GROUND	HORIZONTAL				
	677	001		N N/A			ABOVE GROUND	VERTICAL				
		002		N N/A			ABOVE GROUND	VERTICAL				

AREA	BLDG	VENT	Control Type	Pollutant	% Efficiency
ANL	704	008	HEPA FILTERS-3 BANKS	PARTICULATE	99.97
	720	027	HEPA FILTER	PARTICULATE	99.97
	752	004	HEPA FILTER	PARTICULATE	99.97
		005	HEPA FILTER	PARTICULATE	99.97
	753	006	6 20"X20"X1" FILTERS	PARTICULATE	90.00
		029	FILTER	PARTICULATE	87.00
	764	001	HEPA FILTERS	PARTICULATE	99.97
	768	105	HEPA FILTER	PARTICULATE	99.97
		108	HEPA FILTER	PARTICULATE	99.97
	768B	121	HEPA FILTER	PARTICULATE	99.97
	774	008	HEPA BANK	PARTICULATE	99.97
		025	HEPA FILTER	PARTICULATE	99.97
	777	002	HEPA FILTER	PARTICULATE	99.97
		002	HEPA FILTER	PARTICULATE	99.70
	785	011	HEPA FILTER	PARTICULATE	99.97
		018	HEPA FILTER	PARTICULATE	99.97
	787	001	HEPA FILTER	PARTICULATE	99.97
	788	014	FILTER	PARTICULATE	90.00
	793	001	HEPA FILTER	PARTICULATE	99.97
		011	HEPA FILTERS	PARTICULATE	99.97
	798	017	6 BAGOUT TYPE HEPA BANKS	PARTICULATE	99.97
	799	003	HEPA FILTER	PARTICULATE	99.00
		010	HEPA FILTER	PARTICULATE	99.97

AREA	BLDG	VENT	Control Type	Pollutant	% Efficiency
CFA	623	005	BINKS TYPE FILTER	PARTICULATE	90.00
		017	BINKS TYPE FILTER	PARTICULATE	90.00
	625	010	HEPA FILTERS	PARTICULATE	99.97
	633	067	HEPA FILTER	PARTICULATE	99.97

AREA	BLDG	VENT	Control Type	Pollutant	% Efficiency
CPP	012	001	SILICA GEL CARTRIDGE	MOISTURE	80.00
	1608	001	HEPA FILTER #2	PARTICULATE	99.95
		001	HEPA FILTER #1	PARTICULATE	99.97
	1646	001	HEPA FILTER	PARTICULATE	99.97
	602	014	HEPA FILTER	PARTICULATE	99.97
		014	HEPA	RADIONUCLIDE	99.97
		031	SCRUBBER	PERCHLORIC ACID	
		031	WATER WASH SYSTEM	PERCHLORIC ACID	
	603	001	PREFILTER	PARTICULATE	60.00
		001	HEPA FILTER	PARTICULATE	99.97
	627	007	HEPA FILTER	PARTICULATE	99.97
		008	HEPA FILTER #4	PARTICULATE	99.97
		008	HEPA FILTER #5	PARTICULATE	99.97
		008	PRE-FILTER #3	PARTICULATE	60.00
		008	HEPA FILTER #2	PARTICULATE	99.97
		008	HEPA FILTER	PARTICULATE	99.97
		010	HEPA FILTER	PARTICULATE	99.97
		013	HEPA FILTER	PARTICULATE	99.97
		016	HEPA FILTER	PARTICULATE	99.97
	630	011	DUAL HEPA FILTERS	PARTICULATE	99.97
		012	HEPA FILTER	PARTICULATE	99.97
	637	032	HEPA FILTER	PARTICULATE	99.97
		032	CYCLONE (2)	PARTICULATE	
		032	SINTERAL METAL FILTERS	PARTICULATE	100.00
		032	HEPA FILTER	PARTICULATE	99.97
		034	SCRUBBER (ALUMINUM NITRATE)	Uranium (natural) soluble & insoluble compo	99.99
		034	CONDENSER	Uranium (natural) soluble & insoluble compo	99.97
		034	HEPA FILTER	PARTICULATE	99.97
		034	HEPA FILTER	PARTICULATE	99.97
		034	SCRUBBER (ALUMINUM NITRATE)	hydrogen fluoride (hydrofluoric acid)	90.00
		035	HEPA FILTER	PARTICULATE	99.97
		035	SINTERED METAL FILTER	PARTICULATE	100.00
		036	ALUMINUM NITRATE SCRUBBER	hydrogen fluoride (hydrofluoric acid)	40.00
		042	HEPA FILTER	PARTICULATE	99.97
		042	SINTERED METAL FILTER	PARTICULATE	100.00
		052	HEPA FILTER	PARTICULATE	99.97
		053	HEPA FILTER	PARTICULATE	99.97
		058	HEPA FILTER	PARTICULATE	99.97
	648	002	HEPA FILTER	PARTICULATE	99.97
	659	033	HEPA FILTERS	PARTICULATE	99.97
		033	DEMISTER	VOC VAPORS	90.00
	663	002	HEPA FILTERS	NOTE #1	99.97
	684	001	HEPA FILTERS	PARTICULATE	99.97
	687	010	PULSE JET BAGHOUSE	PARTICULATE	99.80
		011	PULSE JET BAGHOUSE	PARTICULATE	99.80
		033	PULSE JET BAGHOUSE	PARTICULATE	99.80
		034	PULSE JET BAGHOUSE	PARTICULATE	99.80
	694	007	HEPA FILTER	PARTICULATE	99.97
		008	HEPA FILTER	PARTICULATE	99.97

AREA	BLDG	VENT	Control Type	Pollutant	% Efficiency
CPP	694	009	HEPA FILTER	PARTICULATE	99.97
		010	HEPA FILTER	PARTICULATE	99.97
	708	001	HEPA FILTER	PARTICULATE	99.97
		001	HEPA FILTER (FROM SOG)	PARTICULATE	99.97
		001	SUPERHEATER/FIBERGLASS PACKED PREFILTER	PARTICULATE	90.00
		001	FINAL HEPA FILTER (VOG, DOG, CPM,L CELL.	PARTICULATE	99.97
		001	HEPA FILTER (FROM WCF-POG-633)	PARTICULATE	99.97
		001	HEPA FILTER (FROM 604, CPM, DOG)	PARTICULATE	99.97
		001	HEPA FILTER (FROM 604, V06)	PARTICULATE	99.97
		001	DEMISTER (FROM 604, VOG)	ACIDS, LIQUIDS	
		001	FIBERGLASS PACKED PREFILTER	PARTICULATE	90.00
		001	HEPA FILTER (FROM 601, E-DOG)	PARTICULATE	99.97
		001	DEMISTER (FROM 604, E-DOG)	ACIDS, LIQUIDS	
		001	HEPA FILTER (FROM 604,633,SOG)	PARTICULATE	99.97
		001	HEPA FILTER (FROM 601, E-DOG)	PARTICULATE	99.95
		001	DEEP BED FIBERGLASS PREFILTER	PARTICULATE	90.00
	727	002	CAUSTIC SCRUBBER	hydrogen fluoride (hydrofluoric acid)	99.00
	765	003	HEPA FILTER	PARTICULATE	99.97
		003	OFF GAS FILTER	PARTICULATE	
		003	HEPA FILTER	PARTICULATE	99.97
		003	OFF GAS PREFILTER	PARTICULATE	
	787	001	REVERSE AIR CLEANING BAGHOUSE	PARTICULATE	99.80
	791	004	OFF GAS PREFILTER	PARTICULATE	
		004	OFF GAS HEPA	PARTICULATE	99.97
		004	OFF GAS HEPA	PARTICULATE	99.95
		005	OFF GAS PREFILTER	PARTICULATE	
		005	OFF GAS HEPA	PARTICULATE	99.95
		005	HEPA FILTER	PARTICULATE	99.97
		005	OFF GAS HEPA FILTER	PARTICULATE	99.97
		005	HEPA FILTER	PARTICULATE	99.97
		006	HEPA FILTER	PARTICULATE	99.97
		006	OFF GAS PREFILTER	PARTICULATE	
		006	OFF GAS HEPA	PARTICULATE	99.95
		006	HEPA FILTER	PARTICULATE	99.97
		006	OFF GAS HEPA	PARTICULATE	99.97
	792	001	PULSE JET DUST COLLECTOR	PARTICULATE	99.80
		002	CYCLONE	PARTICULATE	99.00
		002	BAG FILTER	PARTICULATE	99.50
		003	BAG FILTER	PARTICULATE	99.50
		003	CYCLONE	PARTICULATE	99.00
	793	002	PULSE JET DUST COLLECTOR	PARTICULATE	99.80
	794	001	FABRIC FILTER DUST COLLECTOR	PARTICULATE	99.80
		001	FABRIC FILTER DUST COLLECTOR	PARTICULATE	99.80

AREA	BLDG	VENT	Control Type	Pollutant	% Efficiency
NRF	601	023	HEPA FILTER	PARTICULATE	99.00
		023	MIST EXTRACTOR	MIST - WATER	100.00
		19A	HEPA	PARTICULATE	99.00
		19C	HEPA	PARTICULATE	99.00
		19F	HEPA	PARTICULATE	99.00
602	008		FURNACE FILTER	PARTICULATE	90.00
	023		FILTER	PARTICULATE	80.00
616	039		HEPA FILTER	PARTICULATE	99.00
616A	002		HEPA FILTER	PARTICULATE	99.00
617	013		PREFILTER	PARTICULATE	80.00
	013		HEPA FILTER	PARTICULATE	99.00
618	099		CARBON	VOC-NONMETHANE	99.90
	099		PREFILTER	PARTICULATE	80.00
	099		HEPA	PARTICULATE	99.00
	103		CARBON	VOC-NONMETHANE	99.90
	103		HEPA	PARTICULATE	99.00
	103		PREFILTER	PARTICULATE	80.00
628A	006		HEPA FILTER	PARTICULATE	99.00
631	101		HEPA FILTER	PARTICULATE	99.00
633A	057		HEPA FILTER	PARTICULATE	99.00
759A	001		CONSERVATION VENT	VOC VAPORS	75.00
759B	001		CONSERVATION VENT	VOC VAPORS	75.00

AREA	BLDG	VENT	Control Type	Pollutant	% Efficiency
PER	620	016	HEPA FILTER	PARTICULATE	99.97
		041	HEPA FILTER	PARTICULATE	99.97
	622	003	HEPA FILTER #1	PARTICULATE	99.97
	755	001	HEPA FILTER	PARTICULATE	99.97
		001	BAGHOUSE	PARTICULATE	90.00
	756	001	HEPA FILTER	PARTICULATE	99.97
	765	001	HEPA FILTER	PARTICULATE	99.97

AREA	BLDG	VENT	Control Type	Pollutant	% Efficiency
TAN	606	005	CYCLONE DUST COLLECTOR	SAWDUST	84.00
	607	039	HEPA FILTERS	PARTICULATE	99.97
		059	HEPA FILTER	PARTICULATE	99.97
		066	HEPA FILTER	PARTICULATE	99.97
		107	HEPA FILTERS	PARTICULATE	99.97
		119	HEPA FILTERS	PARTICULATE	99.97
		136	HEPA FILTERS	PARTICULATE	99.97
	629	012	HEPA FILTER	PARTICULATE	99.97
		012	DUST COLLECTOR	PARTICULATE	99.00
		012	DRY FILTERS	PARTICULATE	75.00
		012	HEPA	RADIONUCLIDE	99.97
		012	DUST COLLECTOR	PARTICULATE	99.00
		013	HEPA FILTERS	PARTICULATE	99.97
		014	HEPA FILTERS	PARTICULATE	99.97
		014	DUST COLLECTOR	PARTICULATE	99.00
		014	DRY FILTERS	PARTICULATE	75.00
		014	HEPA	RADIONUCLIDE	99.97
		014	DUST COLLECTOR	PARTICULATE	99.00
	636	002	FURNACE FILTER	PARTICULATE	90.00
	650	007	HEPA FILTER	PARTICULATE	99.97
		010	HEPA FILTER	PARTICULATE	99.97
	675	035	OXYGEN TRIM	NITROGEN OXIDES	11.00
		037	OXYGEN TRIM	NITROGEN OXIDES	11.00
	679	022	HEPA FILTERS	PARTICULATE	99.97
		023	HEPA FILTER	PARTICULATE	99.97
		024	HEPA FILTERS	PARTICULATE	99.97
		025	HEPA FILTER	PARTICULATE	99.97
		026	HEPA FILTERS	PARTICULATE	99.97
		027	HEPA FILTERS	PARTICULATE	99.97
		067	OXYGEN TRIM	NITROGEN OXIDES	11.00
		068	OXYGEN TRIM	NITROGEN OXIDES	11.00
	681	012	SCRUBBER	NITROGEN OXIDES	50.00
		012	HEPA FILTERS	PARTICULATE	99.97
		018	HEPA FILTERS	PARTICULATE	99.97
		020	HEPA FILTERS	PARTICULATE	99.97

AREA	BLDG	VENT	Control Type	Pollutant	% Efficiency
TRA	604	035	HEPA FILTER	PARTICULATE	99.97
	632	019	HEPA FILTER	PARTICULATE	99.97
		019	PREFILTER	PARTICULATE	60.00
		019	AGX ABSORBER	Iodine (CL)	
		030	HEPA FILTER	PARTICULATE	99.97
		030	PREFILTER	PARTICULATE	60.00
		030	AGX ABSORBER	Iodine (CL)	
		041	CHARCOAL FILTER	Iodine (CL)	
		041	HEPA FILTER #2	PARTICULATE	99.97
		041	HEPA FILTER #1	PARTICULATE	99.97
		041	PREFILTER	PARTICULATE	60.00
	660	004	HEPA FILTER	PARTICULATE	99.97
	661	008	HEPA FILTER	PARTICULATE	99.97
		008	PRE-FILTER	PARTICULATE	
	670	074	HEPA FILTER	PARTICULATE	99.97
		086	HEPA	PARTICULATE	99.97
		086	FURNACE FILTER	PARTICULATE	80.00
		098	HEPA FILTER	PARTICULATE	99.97

AREA	BLDG	VENT	Control Type	Pollutant	% Efficiency
WMF	601	009	HEPA FILTER	PARTICULATE	99.97
	615	001	HEPA FILTER	PARTICULATE	99.97
	640	001	HEPA FILTER	PARTICULATE	99.97
	700	002	HEPA FILTER	PARTICULATE	99.97