RCRA Facility Investigation/Remedial Investigation Report for the Grace Road Site (631-22G)

by

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Revision 1.1
RFI/RI REPORT FOR THE
GRACE ROAD SITE (631-22G)

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LIST OF ACRONYMS

ABS	Dermal Absorption Factor
AF	Adherence Factor
ARAR	Applicable or Relevant and Appropriate Requirements
ATSDR	Agency for Toxic Substances and Disease Registry
BRA	Basic Risk Assessment
BW	Body Weight
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CEC	Cation Exchange Capacity
COC	Chemical of Concern
COPC	Chemicals of Potential Concern
DOE	Department of Energy
EIS	Environmental Impact Statement
ECAO	Environmental Criteria and Assessment Office
ED	Exposure Duration
EF	Exposure Frequency
EM	Electromagnetics
EPA	Environmental Protection Agency
ET	Exposure Time
FFA	Federal Facility Agreement
FI	Fraction Ingestion
FS	Feasibility Study
GPR	Ground Penetrating Radar
HEAST	Health Effects Assessment Summary Tables
HI	Hazard Index
HQ	Hazard Quotient
HWMF	Hazardous Waste Management Facility
IRIS	Integrated Risk Information System
IRo	Incidental Soil Ingestion Rate
IRi	Inhalation Rate
LOAEL	Lowest Observed Adverse Effect Level
MF	Modifying Factor

LIST OF ACRONYMS (continued)

NEPA	National Environmental Policy Act
NOAEL	No Observed Adverse Effect Level
NPL	National Priority List
NWS	National Weather Service
ORNL	Oak Ridge National Laboratory
PAH	Polycyclic Aromatic Hydrocarbon
PRG	Preliminary Remediation Goals
PIP	Public Involvement Plan
RAGS	Risk Assessment Guidance for Superfund
RBCs	Risk-Based Concentrations
RCRA	Resource Conservation and Recovery Act
QA	Quality Assurance
QC	Quality Control
RFA	RCRA Facility Assessment
RfC	Reference Concentrations
RfD	Reference Dose
RFI	RCRA Facility Investigation
RI	Remedial Investigation
RME	Reasonable Maximum Exposure
SA	Skin Surface Area
SCDHEC	South Carolina Department of Health and Environmental Control
SF	Slope Factor
SRFS	Savannah River Forest Service
SRL	Savannah River Laboratory (now SRTC)
SRP	Savannah River Plant (now SRS)
SRS	Savannah River Site
SRTC	Savannah River Technology Center
SVOC	Semi-Volatile Organic Compound
SWMU	Solid Waste Management Unit
TAL	Target Analyte List
TCL	Target Compound List
TES	Threatened, Endangered, and Sensitive

LIST OF ACRONYMS (continued)

TIC	Tentatively Identified Compounds
TOC	Total Organic Carbon
UF	Uncertainty Factor
VOC	Volatile Organic Compound
WSRC	Westinghouse Savannah River Company

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EXECUTIVE SUMMARY

Grace Road Site is located 1.3 kilometers (0.8 miles) south of B-Area and about 244 meters (800 feet) east of the intersection of Grace Road with SRS Road 2. The unit is roughly rectangular in shape, has a northwest-southeast orientation, and runs parallel to Grace Road. Approximate dimensions of the unit are 396.3 meters (1,300 feet) southeast to northwest and 97.6 meters (320 feet) southwest to northeast, and it covers an area of about 3.8 hectares (9.6 acres). Waste at the unit consisted of drums and cans in a variety of sizes (over 50 were uncovered during unit clearing activities), car seat springs, car and truck parts, old foundations, bricks, shingles, and slabs of concrete. The waste was on the surface or partially buried in scattered locations throughout the unit. Grace Road area was previously a tenant-operated farm and later served as the laydown yard for materials used in the construction of B-Area.

In March/April 1988, 41 soil samples and 41 soil gas samples were taken from Grace Road Site. Nine of the soil samples showed low levels of chlorocarbons suggesting the possible release of chlorinated solvents at those locations. Five of the gas samples contained elevated levels of light hydrocarbons (methane) which were suspected to indicate the presence of decaying vegetal matter or small quantities of oil. Several different solvents and daughter products, including tetrachloroethylene, trichloroethylene, dichloromethane, and trans-1,2-dichloroethylene, were detected. Slightly elevated concentrations of light hydrocarbons indicate that limited amounts of parent hydrocarbons such as oil may have been disposed of at this location. Because of these findings, it was suspected that small amounts of chlorinated solvents were disposed of at Grace Road Site. Based on these preliminary evaluation results, a Unit Screening Plan consisting of a Geonics® EM-31 electromagnetic conductivity survey and an analysis of soil borings from 10 new locations was formulated.

Unit Screening data indicate that hazardous substance concentrations appear to be at or below background concentrations or below risk-based concentration levels. A comparison of Unit Screening soil data with EPA risk-based concentration levels indicates that, with the exception of arsenic, no concentrations of any hazardous substance (including

laboratory artifacts) exceeds available risk-based standards. Arsenic levels were calculated for possible carcinogenic risk and found to be within acceptable limits.

No EPA risk-based action levels exist for gross alpha or non-volatile beta in soils. The maximum soil concentration of non-volatile beta at Grace Road (13 pCi/g) is well within the reported range at three sampled sites and throughout SRS. The highest reported gross alpha value, 30 pCi/g, is slightly above the SRS-wide range of values (3.9-20 pCi/g). Additional soil samples collected in August 1994 and analyzed for gross alpha and non-volatile beta confirmed that activity in the soil is indicative of naturally occurring materials.

Ground water analytical results from water table well IDP-6 immediately east of Grace Road, show no constituents which exceed EPA MCLs. Any wastes would have to have been at Grace Road Site for a sufficiently long enough time to allow for any potential contaminant to travel down to the water table and the well.

Based on comparisons with unit-specific background concentrations and risk-based concentration levels, there is no indication of potential threat to human health caused by hazardous substance disposal at Grace Road Site.

Approximately 21 locations with anomalous readings were detected by the EM-31 terrain conductivity survey. Most of these are limited in areal extent and many were associated with visible metal debris. The two areas with the greatest areal extent are located in the southeast end of the unit. Three soil borings in close proximity to these anomalies, and soil analytical results from those borings indicate that, if anything is buried in the area, its impacts are negligible.

A GPR survey conducted in March/April 1994 obtained data that indicate the sediment in the area is mostly undisturbed. However, disturbed soil is present around some former farm building locations and may indicate excavations in removing those buildings and/or buried debris.

An additional soil gas survey conducted in March 1994 shows the levels of volatiles and diesel range organics observed are very low with most below minimum detection levels.

Light hydrocarbons and mercury levels are indicative of background concentrations in the SRS area.

An analysis of data collected as a result of the studies performed at Grace Road indicates that there is limited contamination at that unit. The only COPCs identified in the risk assessment that exceeded a risk of $1.0\text{E-}06$ was arsenic and it is less than $3.80\text{E-}05$, which is a slight risk of concern. Arsenic detected in the unit specific samples had a maximum concentration of 3.2 mg/kg. SRS site wide values for arsenic range from < 0.5 mg/kg to 15.2 mg/kg with a median of < 2.0 mg/kg. It should also be noted that arsenic was a component of agricultural chemicals in the period before SRS existed. Since the Grace Road area was a farm prior to SRS, the detected values may be a result of pre-1950 farming activities.

In addition, it is also reasonable to conclude that, since the contamination is limited, the unit presents no significant ecological risk.

Based on the review of the analytical data and the screening techniques used to evaluate all the chemicals of potential concern at Grace Road, it is recommended that no further remedial action be performed at this unit.

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1.0 INTRODUCTION

1.1 Purpose

This report summarizes the activities and documents the results of a Resource Conservation and Recovery Act (RCRA) Facility Investigation/Remedial Investigation (RFI/RI) conducted at Grace Road Site on the Savannah River Site (SRS) near Aiken, South Carolina. The RFI/RI was conducted in stages, beginning with a preliminary unit evaluation in November 1988, followed by a screening phase, and culminating in a field assessment stage in March/April 1994.

The primary objective of the Remedial Investigation/Feasibility Study (RI/FS) is "to gather data sufficient to support an informed risk management decision regarding which remedy appears to be most appropriate for a given site" (EPA, 1988). In order to accomplish this, it is necessary to define the nature and extent of the contamination, determine the fate and transport of the contaminants, complete a baseline risk assessment (BRA), and identify remedial action objectives. In the event that a FS is required, this information is then used to identify potential remedial action alternatives and potential applicable or relevant and appropriate requirements (ARARs). To achieve the goals of this RI, both historical data and data collected during the 1994 characterization were used.

This introductory section presents background information about the unit, outlines the regulatory requirements guiding the investigation, the history of the unit, and previous investigations at the unit.

1.1.1 SRS RCRA 3004(u)/CERCLA Program Description

The United States Department of Energy (DOE) Savannah River Field Office manages waste materials regulated under the Resource Conservation and Recovery Act (RCRA). In particular, certain activities require RCRA operating or post closure permits. Savannah River Site (SRS) has received a RCRA permit from the South Carolina Department of Health and Environmental Control (SCDHEC). Part V of the permit mandates that SRS establish and implement a RCRA Facility Investigation (RFI) Program to fulfill

requirements of RCRA Section 3004(u). Section V.A.1 of the permit lists solid waste management units (SWMUs) that were identified by the United States Environmental Protection Agency (EPA) Region IV through the RCRA Facility Assessment (RFA) process and therefore subject to the RFI process.

On December 21, 1989, SRS was included on the National Priority List (NPL). A unit included on the NPL falls under the jurisdiction of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This inclusion created the need to integrate the established RFI Program with CERCLA RI requirements. In accordance with Section 120 of CERCLA, DOE has negotiated a Federal Facility Agreement (FFA) with EPA and SCDHEC to integrate remedial activities at SRS into one comprehensive strategy which fulfills these dual regulatory requirements.

SWMUs listed in the RCRA permit and the FFA Appendix are required to be further investigated to determine their actual or potential impact on the environment. Those listed units are called RCRA/ CERCLA Remedial Investigation Units in this document. Grace Road Site is one of the RCRA/CERCLA units mandated for further investigation.

In order to conduct the RI/FS, SRS developed the *RFI/RI Program Plan* (WSRC [Westinghouse Savannah River Company], 1993) (originally titled the *RFI Program Plan*) to provide guidance and delineate standard procedures. It also provides a reasonable and cost effective approach while allowing SRS flexibility in the investigation of each RCRA/CERCLA unit. The plan specifies generic methods and procedures to be used for each unit investigation. Because of continuing change in the status of facilities at SRS, the program plan is periodically reviewed and modified to keep it current.

The *RFI/RI Program Plan* (WSRC, 1993), in conjunction with *Guidance for Conducting Remedial Investigations and Feasibility Studies (FS) Under CERCLA, Interim Final* (EPA, 1988), were used as the primary sources of guidance for work plan preparation. These references are jointly referred to as RFI/RI guidance documents. The work plan for Grace Road Site conformed to the requirements specified in the RFI/RI guidance documents.

Sections 113 and 117 of CERCLA lists the requirements for public participation in the restoration process. These requirements include the establishment of an Administrative Record File that documents the selection of cleanup alternatives and provides for public review and comment on those alternatives. The DOE document, *Public Involvement, A Plan for the Savannah River Site* (DOE, 1994), is designed to facilitate public involvement in the decision-making processes for permitting, closure, and selection of remedial alternatives. The Public Involvement Plan (PIP) addresses the requirements of CERCLA, RCRA, and the National Environmental Policy Act (NEPA).

Unit-specific documents, such as work plans and RIs, are a part of the Administrative Record File and available to the public. Information repositories have been established at the DOE Public Reading Room located at the Gregg-Graniteville Library of the University of South Carolina in Aiken, South Carolina and the Thomas Cooper Library located at the University of South Carolina in Columbia, South Carolina. A notice will be published in local newspapers when information is compiled regarding the investigation of Grace Road Site. Additional repositories may be added and/or locations changed to better meet the needs of the public.

The investigation of Grace Road Site also included preparation of a baseline risk assessment (BRA). The BRA was conducted using data generated during the RFI/RI assessment and analyzed risk posed by the unit to both human health and the environment.

1.2 Site Background

1.2.1 Site Description

Grace Road Site is located 1.3 kilometers (0.8 miles) south of B-Area and about 244 meters (800 feet) east of the intersection of Grace Road with SRS Road 2. Figure 1-1 shows the location of the Grace Road Site in relation to major SRS facilities, and Figure 1-2 is a portion of the SRS topographic map showing the unit setting in relation to its immediate surroundings. The unit is roughly rectangular in shape, has a northwest-southeast orientation, and runs parallel to Grace Road. Approximate dimensions of the unit are 396.3 meters (1,300 feet) southeast to northwest, 97.6 meters (320 feet)

Figure 1-1 Location of the Grace Road Site in Relation to Major SRS Facilities.

Figure 1-2

Topographic Map Showing the Location of the Grace Road Site

southwest to northeast and it covers an area of about 3.8 hectares (9.6 acres). Figure 1-3 shows the unit configuration and the location of rubble and concrete pads found at the unit.

Waste at the unit consisted of drums and cans in a variety of sizes (over 50 were uncovered during unit clearing activities), car seat springs, car and truck parts, old foundations, slabs of concrete, bricks, shingles and other debris. The waste was on the surface or partially buried in scattered locations throughout the unit.

Most of the unit is covered in tall grasses and weeds with numerous pine trees and low shrubs. The area slopes to a shallow ravine on the south side of the unit. The nearest surface water is Upper Three Runs Creek approximately 2.4 kilometers (1.5 mile) east of the unit.

1.2.2 Site History

Prior to the establishment of SRS, Grace Road Site was part of a tenant-operated farm owned by Mrs. Elise Grace. The farm consisted of about 217.6 hectares (544 acres) of which 92 hectares (230 acres) were under cultivation, and the remaining 125.6 hectares (314 acres) were in woodlands and swamp lands. Transfer records of this land to the U. S. Government in January 1951 indicate that this land had been a farm (part of the Red Hill Plantation) since the late 1890's.

Buildings on the farm consisted of a main house, dog kennel, machine shed, oil house, two cottages, two turkey houses, two barns, garage, cook house, two-story barn, water tower with meat house, storage shed, grain storehouse, hay storage barn and an outhouse (privy). The majority of the buildings had a foundation of bricks, concrete or tile blocks. Several buildings, including the dog kennels and turkey houses, had concrete slab floors. The water tower also had massive concrete blocks that were used to hold treated timber stanchions that supported the water tank. Photographs of the farm show at least two gasoline powered tractors in the machine shed, a truck and other assorted farm machinery.

After purchase by the Government, the area in and around the farm was utilized as a laydown yard for materials used in the construction of the B-Area. The length of time that

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it was utilized for this purpose is unknown, but is estimated to be two to three years. There are no records to indicate that this unit has been used for any other purpose since it was closed as a laydown yard in the mid-1950s. There is no documented information available regarding past hazardous or non-hazardous waste disposal activities at Grace Road unit nor is there evidence of any recent activity or that any disposal activity was widespread.

1.3 Previous Investigations

The first step towards determining if a hazardous substance has been released from a RCRA/CERCLA unit consists of a Preliminary Unit Evaluation. The primary goal of the preliminary evaluation is to determine what hazardous substances, if any, were disposed of or released from the unit. In March/April 1988, 41 soil samples and 41 soil gas samples were taken from Grace Road Site. Figure 1-4 is a general sketch of the unit showing the location of the sample points. Nine of the soil samples contained low levels of chlorocarbons (see Figure 1-4) suggesting the possible release of chlorinated solvents at those locations. Five of the gas samples contained elevated levels of light hydrocarbons (methane) which were suspected to indicate the potential presence of decaying vegetal matter or small quantities of oil. Several different solvents and daughter products, including tetrachloroethylene, trichloroethylene, dichloromethane, and trans-1,2-dichloroethylene, were detected. Slightly elevated concentrations of light hydrocarbons indicate that limited amounts of parent hydrocarbons such as oil may have been disposed of at this location (Looney et al, 1988). Because of these findings, it was suspected that small amounts of chlorinated solvents were disposed of at Grace Road Site.

Based on the preliminary evaluation results, a Unit Screening Plan for Grace Road Site was formulated. The following sections describe the Preliminary Unit Evaluation and Unit Screening procedures and results. Chapter 2 describes the activities conducted to complete the Unit Assessment.

1.3.1 Preliminary Unit Evaluation

A review of existing literature and information from Grace Road, conducted in accordance with the *RFI/RI Program Plan* (WSRC, 1993), included:

- Physical and chemical characteristics of the waste (hazardous and non-hazardous) known to be managed at the unit;
- Unit/disposal area characteristics;
- General hydrogeologic conditions of the unit and the current environmental setting;
- Any previous sampling and/or monitoring data for the unit.

1.3.1.1 Existing Literature and Information

Existing information specifically pertaining to the Grace Road unit was reviewed. A complete list of the documents reviewed is included in Section 5.2.1 of the *RFI/RI Plan for the Grace Road Unit, WSRC-RP-90-1250* (WSRC, 1990).

1.3.1.2 RFI/RI Literature Review Checklist

This checklist presents RFI data and information that are specific to each individual environmental medium. Copies of the completed checklist appear in Appendix D.1 of the *RFI/RI Plan for the Grace Road Unit, WSRC-RP-90-1250* (WSRC, 1990).

1.3.1.3 RFI/RI Site Reconnaissance

Following a review of all existing data and information, a unit reconnaissance was performed to further assess the following field conditions:

- environmental setting;
- source characterization (RCRA/CERCLA unit conditions and waste characteristics);
- waste release potential (for each environmental medium).

The completed "Site Reconnaissance Field Data Sheet" lists unit-specific factors considered during the actual reconnaissance. This data sheet was completed in full to

provide appropriate written documentation of field observations. Following the unit reconnaissance, the Literature Review Checklist was updated to include information and data collected from the field visit.

1.3.1.4 Preliminary Unit Evaluation Results

Information regarding current unit conditions is listed on the Literature Review Checklist and the Unit Reconnaissance Field Data Sheet which can be found in Appendix D.1 of the *RFI/RI Plan for the Grace Road Unit, WSRC-RP-90-1250* (WSRC, 1990). That information is summarized in Sections 1.3.1.4.1 through 1.3.1.4.2.

1.3.1.4.1 Waste Characteristics

Waste at Grace Road Site consisted of drums and cans in a variety of sizes, car seat springs, car and truck parts, old foundations, bricks, shingles and slabs of concrete. Based on a soil plug survey (Looney et al., 1988), it is suspected that small amounts of chlorinated solvents were disposed of at Grace Road Site. Tetrachloroethylene, trichloromethane, dichloromethane, and trans-1,2-dichloroethylene and their daughter products were detected although the concentrations are low in comparison to major disposal units at SRS. Slightly elevated concentrations of light hydrocarbons indicate that limited amounts of parent hydrocarbons such as oils may have been disposed of at this location. Several of the drums removed from the unit were marked as oil and grease.

1.3.1.4.2 Unit/Disposal Area Characteristics

Grace Road Site boundaries were surveyed in June 1990, and the corners marked with orange balls and metal posts. Dimensions of the unit are 396.3 meters (1,300 feet) southeast to northwest and 97.6 meters (320 feet) northeast to southwest. Wastes were left on the surface or partially buried in scattered locations throughout the unit. Most of the unit is covered in tall grasses and weeds with pine trees and low shrubs. There is evidence of deer and small animal habitation in the vicinity.

1.3.2 Unit Screening

A Unit Screening program was performed at Grace Road because the Preliminary Unit Evaluation indicated a possible receipt of hazardous substances. The primary goal of the Unit Screening phase is to identify if a release of hazardous substances did occur and areas potentially impacted by a hazardous substance release. The *RFI/RI Program Plan* (WSRC, 1993) specifies that Unit Screening investigative activities include one or more of the following geophysical and/or geochemical techniques:

- Geophysical investigations such as ground penetrating radar (GPR) or electromagnetics (EM);
- Soil gas analysis; and/or
- Confirmation soils analysis.

The three options listed above were first evaluated regarding their applicability at Grace Road Site and a program was then designed and implemented. In addition, recommendations developed by the Savannah River Laboratory ([SRL] now called the Savannah River Technology Center [SRTC]) (*Characterization Recommendations for Waste Sites at the Savannah River Plant* [Gordon, et al., 1987]), for Grace Road Site were reviewed and incorporated into the Unit Screening program.

1.3.2.1 Evaluation of Unit Screening Options

A confirmatory soil sampling analysis program and a surface geophysical survey using the electromagnetic terrain conductivity meter (EM-31) were selected for use at Grace Road. The EM-31 was selected over ground penetrating radar (GPR) because at the time the unit was inaccessible to the heavier GPR equipment. A soil gas survey had previously been performed (see Looney et al, 1988).

A surface geophysical investigation was performed in March 1990 to determine where tanks, drums, or other metallic debris may have been buried. The EM-31 allows continuous readings along survey lines thus increasing the potential for detecting subsurface anomalies.

Confirmation soils sampling served as a screening for semi-volatile and volatile organic compounds, metals, and radioactivity. In addition, Appendix IX parameters were also analyzed. Results from the soil gas survey conducted by Looney et al (1988) and the location of the debris/rubble were used to select soil sample locations. The analytical data provided an indication of whether concentrations greater than background levels are present.

1.3.2.2 Unit Screening/Confirmation Soil Analysis Sampling

The goal of the unit screening effort was to evaluate whether a hazardous substance release had occurred and to identify any chemical constituents involved. Chemical parameters which indicate the presence and magnitude of a hazardous waste or hazardous substance release were selected for analysis. For screening at Grace Road Site, the following chemical parameters were analyzed at selected locations:

- Full EPA Appendix IX (40 CFR, Part 264) scan;
- Radionuclide indicators (gross alpha, non-volatile beta);
- Total metals (for the eight EP-toxicity metals: As, Ba, Cd, Cr, Pb, Hg, Se, Ag);
- Volatile organics (EPA Method 8240);
- Semi-Volatile Organics (EPA Method 8270); and
- General indicator parameters (soil pH, TOC, CEC, Specific Conductance).

Chemical parameters were selected to obtain information on waste disposal history (waste oils, volatile organics, semi-volatile organics, and metals), waste characterization (Appendix IX, radionuclide indicators), constituents in excess of background, or to provide sufficient information to indicate constituent absence (Appendix IX, radionuclide indicators).

1.3.2.2.1 Soil Borings

Because the unit encompasses a large area where various types of activities occurred, soil sampling was conducted at 14 different locations. (see Figure 1-5). In March 1990 a Geonics® EM-31 electromagnetic conductivity meter was used to investigate the unit and

determine if there were any objects buried beneath the surface that might indicate a need for future sampling or removal. The grassy portion of the unit was gridded and transects run in areas where no metal objects had been previously identified. Some anomalies were observed during the survey.

Ten hand auger boring locations were selected in the portions of the unit which had the highest density of waste material based on the unit inspection and soil gas survey. These were supplemented by four shallow hollow stem auger borings (GRS 7-10). Three of these are located close to the northeastern boundary of the unit, and the fourth boring (GRS-10) is off unit to provide information on background conditions.

A stainless steel hand auger was used to collect shallow soil samples. At each location a sample was collected from intervals of 0.6-0.9 meters (2-3 feet) and 1.5-1.8 meters (5-6 feet) from the ground surface. The soil borings were drilled using hollow stem auger techniques. Split-spoon soil samples were collected at depths of 0.9-1.5 meters (3-5 feet), 3.1-3.7 meters (10-12 feet) and 5.5-6.1 meters (18-20 feet).

The soil samples were analyzed for the constituents listed in Table 1-1. Sample identification nomenclature and quality control field samples are also listed in that table.

1.3.2.2.2 Soil Borings Analysis

The primary constituents detected in soils collected from Grace Road Site were metals, volatile organic compounds, and semi-volatile organic compounds. Metals found in concentrations greater than analytical method detection limits are arsenic, barium, cadmium, chromium, mercury, lead, selenium, tin, vanadium and zinc. The concentrations are shown in Table 1-2.

A few volatile and semi-volatile organic constituents were detected in at least one soil sample. Bis(2-ethylhexyl)phthalate was detected in concentrations ranging from 410 to 6,800 µg/kg (ppb). Phthalate species are used as plasticizers for cellulose, glass, plastic, and rubber products. Other substances detected, such as acetone, xylene, and methylene chloride are commonly used as solvents.

TABLE 1-1
GRACE ROAD SOIL SAMPLING PARAMETERS

Facility	Borehole Number(s)	Sample Number(s)	Sample Type	Sampling Method	Depth in meters (feet)	Analyses Performed
GRS	01	01	S	HA	0.6-0.9 (2-3)	1,2,3
GRS	01	02	S	HA	1.5-1.8 (5-6)	1,2
GRS	02	01	S	HA	0.6-0.9 (2-3)	1,2
GRS	02	02	S	HA	1.5-1.8 (5-6)	1,2
GRS	03	01	S	HA	0.6-0.9 (2-3)	1,2,6
GRS	03	02	S	HA	1.5-1.8 (5-6)	1,2,6
GRS	04	01	S	HA	0.6-0.9 (2-3)	1,2,3,4
GRS	04	02	S	HA	1.5-1.8 (5-6)	1,2
GRS	05	01	S	HA	0.6-0.9 (2-3)	1,2,3
GRS	05	02	S	HA	1.5-1.8 (5-6)	1,2
GRS	05	02	S	HA	1.5-1.8 (5-6)	1,2
GRS	06	01	S	HA	0.6-0.9 (2-3)	1,2,3,4
GRS	06	02	S	HA	1.5-1.8 (5-6)	1,2
GRS	07	01	S	SS	0.9-1.5 (3-5)	1,2,3
GRS	07	02	S	SS	3.2-3.7 (10-12)	1,2
GRS	07	03	S	SS	5.5-6.1 (18-20)	1,2
GRS	08	01	S	SS	0.9-1.5 (3-5)	4,5,6
GRS	08	02	S	SS	3.2-3.7 (10-12)	1,2,6
GRS	08	03	S	SS	5.5-6.1 (18-20)	1,2,6
GRS	09	01	S	SS	0.9-1.5 (3-5)	1,2,3
GRS	09	02	S	SS	3.2-3.7 (10-12)	1,2
GRS	09	03	S	SS	5.5-6.1 (18-20)	1,2
GRS	10	01	S	SS	0.9-1.5 (3-5)	1,2,3,4,6
GRS	10	02	S	SS	3.2-3.7 (10-12)	1,2,4,6
GRS	10	03	S	SS	5.5-6.1 (18-20)	1,2,4,6
GRS	11	01	S	HA	0.6-0.9 (2-3)	1,2,3
GRS	11	02	S	HA	1.5-1.8 (5-6)	1,2
GRS	12	01	S	HA	0.6-0.9 (2-3)	1,2,6
GRS	12	02	S	HA	1.5-1.8 (5-6)	1,2,6
GRS	13	01	S	HA	0.6-0.9 (2-3)	1,2,3
GRS	13	02	S	HA	1.5-1.8 (5-6)	1,2
GRS	14	01	S	HA	0.6-0.9 (2-3)	1,2,3
GRS	14	02	S	HA	1.5-1.8 (5-6)	1,2
GRS	08	03E	R	SS	N/A	1,3,4
GRS	13	01E	R	HA	N/A	1,3,4
GRS	04	01A	D	HA	0.6-0.9 (2-3)	1,2,3
GRS	07	01A	D	SS	0.9-1.5 (3-5)	1,2,3

Table 1-1 continued on next page

TABLE 1-1 (Continued)
GRACE ROAD SOIL SAMPLING PARAMETERS

Facility	Borehole Number(s)	Sample Number(s)	Sample Type	Sampling Method	Depth in meters (feet)	Analyses Performed
GRS	00	01C	FIELD BLANK		N/A	1
GRS	00	01B	TRIP BLANK		N/A	1
GRS	14	01C	FIELD BLANK		N/A	1
GRS	14	01B	TRIP BLANK		N/A	1
GRS	05	01D	SPLIT	HA	0.6-0.9 (2-3)	1,2,3
GRS	08	02D	SPLIT	SS	3.2-3.7 (10-12)	1,2
GRS	10	03D	SPLIT	SS	5.5-6.1 (18-20)	1,2

ABBREVIATIONS

S - Soil Sample
R - Rinsate
D - Duplicate
BG - Background sample
HA - Hand Auger
SS - Split Spoon

ANALYSES

1. Volatile Organic Compounds (EPA Method 8240)
2. Semi-Volatile Organic Compounds (EPA Method 8270)
3. Total Metals (for eight EP-toxicity metals: As, Ba, Cd, Cr, Pb, Hg, Se, Ag)
4. Radionuclide indicators (gross alpha, non-volatile beta)
5. EPA Appendix IX (40 CFR, Part 264) Scan
6. General Indicator Parameters (soil pH, TOC, CEC, Specific Conductivity)

Table 1-2
Soil Chemical Analysis Results (Organics in mg/kg)

GRS Sample Number	DEHP	Carbon Disulfide	DDT	Styrene	Acetone	Toluene	Di-n-BP	TCE	Xylene
01-01	U	U	U	U	U	U	U	U	U
02-01	U	U	U	U	U	U	U	U	U
03-01	U	0.002 J	U	U	U	U	U	0.0025	U
04-01	U	U	U	U	U	U	U	U	U
04-01A	U	U	U	U	U	U	U	U	U
05-01	U	U	U	U	U	U	49 J	U	U
06-01	U	U	U	U	U	U	42 J	U	U
07-01	1.4	U	U	U	0.002 J	U	U	U	U
07-01A	1.9	U	U	U	0.002 J	0.001 J	U	U	U
07-02	0.088 J	U	U	U	U	U	U	U	U
07-03	4.2	U	U	U	U	0.003 J	U	U	0.004
08-01	2.8	U	0.0063 J	U	U	U	U	U	U
08-02	6.8	U	U	U	U	U	U	U	U
08-03	3.7	U	U	U	U	U	U	U	U
09-01	1.0	U	U	U	U	U	U	U	U
09-02	4.8	U	U	U	U	U	U	U	U
09-03	4.7	U	U	U	0.002 J	U	U	U	U
10-01	1.3	U	U	U	U	U	U	U	U
10-02	6.9	U	U	U	U	U	U	U	U
10-03	5.9	U	U	U	U	U	U	U	U
11-01	U	U	U	U	U	U	U	0.003 J	U
12-01	U	U	U	U	U	U	53 J	U	U
13-01	U	U	U	U	U	U	49 J	0.007	U
14-01	U	U	U	0.004 J	U	U	42 J	0.006	U
Minimum	0.088 J	0.002 J	0.0063 J	0.004 J	0.002 J	0.001 J	42 J	0.0025	0.004
Maximum	6.9	0.002 J	0.0063 J	0.004 J	0.002 J	0.003 J	53 J	0.007	0.004

Table 1-2 continued on next page

Table 1-2 (continued)
Soil Chemical Analysis Results (Metals in mg/kg)

GRS Sample Number	As	Ba	Cd	Cr	Hg	Pb	Se	Sn	V	Zn
01-01	U	U	1.8	5.7	U	0.9	U	U	U	U
02-01	U	U	U	U	U	U	U	U	U	U
03-01	U	U	U	U	U	U	U	U	U	U
04-01	U	U	1.2	5.7	U	0.95	U	U	U	U
04-01A	U	U	1.2	5.3	U	1.1	U	U	U	U
05-01	U	U	1.2	8.0	U	2.1	U	U	U	U
06-01	U	U	1.2	14.9	0.14	5.1	U	U	U	U
07-01	3.2	U	U	28.8	U	8.9	U	U	U	U
07-01A	2.7	U	U	29.0	U	8.1	U	U	U	U
07-02	U	U	U	U	U	U	U	U	U	U
07-03	U	U	U	U	U	U	U	U	U	U
08-01	2.6	U	U	29.6	U	8.4	U	32.5	61.8	7.0
08-02	U	U	U	U	U	U	U	U	U	U
08-03	U	U	U	U	U	U	U	U	U	U
09-01	U	U	U	3.9	U	2.0	U	U	U	U
09-02	U	U	U	U	U	U	U	U	U	U
09-03	U	U	U	U	U	U	U	U	U	U
10-01	U	U	U	4.2	U	1.4	U	U	U	U
10-02	U	U	U	U	U	U	U	U	U	U
10-03	U	U	U	U	U	U	U	U	U	U
11-01	U	U	1.3	13.3	0.14	3.9	U	U	U	U
12-01	U	U	U	U	U	U	U	U	U	U
13-01	U	U	1.2	22.9	0.15	48.1	1.3	U	U	U
14-01	U	48.4	1.7	18.1	U	5.1	U	U	U	U
Minimum	2.6	48.4	1.2	3.9	0.14	0.9	1.3	32.5	61.8	7.0
Maximum	3.2	48.4	1.8	29.6	0.15	48.1	1.3	32.5	61.8	7.0

Table 1-2 continued on next page

Table 1-2 (continued)

NOTE:			
U = Compound was analyzed for but not detected			
J = Estimated detected value			
DEHP = Bis(2-Ethylhexyl)Phthalate			
Di-n-BP = Di-n-butyl Phthalate			
TCE = Trichloroethylene			
As = Arsenic	Ba = Barium	Cd = Cadmium	Cr = Chromium
Hg = Mercury	Pb = Lead	Se = Selenium	Sn = Tin
V = Vanadium	Zn = Zinc		
Only those compounds which showed a detection level are noted in this table.			
Methylene Chloride was detected in the sample blanks			
Radionuclide indicators were analyzed for in the following samples:			
<u>Sample Number</u>	<u>Gross Alpha (pCi/g)</u>	<u>Nonvolatile Beta (pCi/g)</u>	
GRS-04-01	11	13	
GRS-06-01	5	7	
GRS-08-01	22	10	
GRS-10-01	14	0	
GRS-10-02	21	7	
GRS-10-03	30	4	

Acetone and the chlorinated solvent methylene chloride were detected in concentrations ranging from 10 to 99 µg/kg and 6 to 33 µg/kg, respectively. One of the laboratory method blanks detected methylene chloride at 10 µg/kg and acetone at 21 µg/kg. Because of the presence of these commonly documented laboratory artifacts in the method blanks, low to moderate concentrations of them in the soil samples may be suspect.

In some instances, analytes are detected at different intervals. The concentration level of the analytes, with the exception of arsenic and lead, at different intervals is very low and insignificant in terms of having an effect on human health and the environment. The concentration level of arsenic at different intervals ranges from 2.6 to 3.2 mg/kg and for lead, the range is 0.9 to 48.1 mg/kg.

Radionuclide indicators (gross alpha, non-volatile beta) were analyzed in six soil samples. Gross alpha was detected at levels of 5 to 30 pCi/g and non-volatile beta detected at levels of 0 to 13 pCi/g.

Information on the soil collection procedures and analysis methods can be found in Section 3.0 and 6.0 of the *RFI/RI Work Plan for Grace Road (WSRC-RP-90-1250)* (WSRC, 1990). Data on the QC/QA procedures and results are contained in Appendix B of this report.

1.3.2.3 Unit Screening-Geophysical Investigation

A surface geophysical survey was conducted at Grace Road Site in March and April 1990 to screen the area for the presence of buried metal objects such as drums, cans, cables, or underground storage tanks. The survey was conducted over a 750-foot by 200-foot area using the Geonics® EM-31 terrain conductivity instrument. Using the EM-31 permitted continuous screening along the survey path to a depth of approximately 3.05 to 4.9 meters (10 to 16 feet), thus increasing the potential for detection of subsurface geo-electrical anomalies (which can be interpreted as objects).

The EM-31 survey grid was laid out over a portion of Grace Road Site which was least encumbered by vegetation and surface debris containing metal. Two baselines, trending southeast and southwest, and oriented 90 degrees to each other, were established. Both lines had stations established at 15.2 meter (50-foot) intervals and were labeled 1 to 16 along the 228.7 meter (750 foot) southeast trending boundary line (paralleling Grace Road), and A to E along the 61 meter (200 foot) southwest trending boundary line. A transit and tape measure were used to set up the 80 stations resulting from the intersection of these two sets of boundary line increments. These stations were staked and labeled A-1 to E-16 (see Figure 1-6).

Surveys were conducted in two orientations: first along all five southeast-oriented lines across the length of the grid (lines A to E); and second along all 16 southwest-oriented lines across the width of the grid (lines 1 to 16). Ground conductivity readings at each node were recorded. Some areas of the unit are heavily wooded which prevented surveying according to a regular grid. Clearings within wooded areas were surveyed as

systematically as possible. Any anomalies noted between stations were plotted on the grid base map and flagged in the field (see Figure 1-6).

Two concrete pads which possibly contained reinforcing rod (between C-5 and C-6 and between D-8 and C-9), auto parts at C-13, bridge rubble at E-13, metal at E-5 and C-6, and construction debris at E-1 and E-2 encountered within the gridded area caused some interference.

1.3.2.4 Unit Screening Conclusions

Based on the Unit Screening data, hazardous substance concentrations appear to be at or below background concentrations or below risk-based concentration (RBC) levels. The soil chemical analysis results were compared to two times the average background concentration and risk-based concentration levels developed by the EPA Region III. The results are shown in Table 1-3. The only constituents which exceed the RBC and background levels are arsenic and non-volatile beta.

A comparison of Unit Screening soil data with EPA risk-based concentration levels indicates that, except for arsenic, no concentrations of any hazardous substance (including laboratory artifacts) exceeds available risk-based standards. Due to arsenic at levels significantly above risk levels, there is indication of human health risk from the soils.

Table 1-4, ground water analytical results from water table well IDP-6 immediately east of Grace Road, provides the level of constituents found in the ground water samples. Any wastes would have to have been at Grace Road Site for a sufficiently long enough time to allow for any potential contaminant to travel down to the water table and to the well. High pH and alkalinity values for these ground water samples were caused by grout contamination in the well. Soil sampling site GRS-08 with the second highest gross alpha and non-volatile beta, and bis(2-ethylhexyl) phthalate is 22.9 meters (75 feet) upgradient from well IDP-6. Soil sampling site GRS-13 with the highest lead and mercury and second highest chromium measurements is 61 meters (200 feet) upgradient from well IDP-6.

Table 1-3

COMPARISON OF UNIT SPECIFIC SOIL CONCENTRATION TO TWO TIMES BACKGROUND CONCENTRATIONS AND RISK -BASED CONCENTRATIONS (RBC)				
Contaminant (units)	Maximum Concentration	Average Background Soil Concentration (GRS-10)	Two Times Background	RBC Value* (mg/kg)
Bis(2-ethylhexyl) Phthalate (mg/kg)	6.8	4.7	9.4	46
Carbon Disulfide (mg/kg)	0.002 J	ND	ND	7800
DDT(mg/kg)	0.0063 J	ND	ND	1.9
Styrene (mg/kg)	0.004 J	ND	ND	16000
Acetone (mg/kg)	0.002 J	ND	ND	7800
Toluene (mg/kg)	0.003 J	ND	ND	16000
Di-n-Butyl Phthalate (mg/kg)	53 J	ND	ND	7800
Trichloroethylene (mg/kg)	0.007	ND	ND	58
Xylene (mg/kg)	0.004	ND	ND	160,000
Arsenic (mg/kg)	3.2	ND	ND	0.37
Barium (mg/kg)	48.4	ND	ND	5500
Cadmium (mg/kg)	1.8	ND	ND	39
Chromium (VI) (mg/kg)	29.6	4.2	8.4	390
Mercury (mg/kg)	0.15	ND	ND	23
Lead (mg/kg)	48.1	1.4	2.8	400**
Selenium (mg/kg)	1.3	ND	ND	390
Tin (mg/kg)	32.5	ND	ND	47000
Vanadium (mg/kg)	61.8	ND	ND	550
Zinc (mg/kg)	7.0	ND	ND	23000
Gross Alpha (pCi/g)	22.0	21.7	43.4	—
Non-volatile Beta (pCi/g)	13.0	3.7	7.4	—

Table 1-3 continued on next page

Table 1-3 (continued)

* EPA Region III, Risk-Based Concentration Table, January-June 1995, dated March 7, 1995

j = estimated value

** The screening level for lead in soil is 400 mg/kg for residential land use. This value is described in OSWER Directive # 9355.4-12, Revised Internal Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities, dated July 14, 1994 and issued by Elliott P. Lewis of the USEPA. The screening level for lead was calculated using the USEPA new integrated exposure uptake biokinetic model with default parameters.

Comparisons with unit-specific and risk-based concentration levels show that, with the exception of arsenic, there is no indication of any environmental impact caused by hazardous substance disposal at Grace Road Site.

Approximately 21 locations (see Figure 1-6 for locations) with anomalous readings were detected by the EM-31 terrain conductivity survey. Three anomalous EM negative readings occurred near borehole GRS-02; one on top of an adjacent mound and one on either side of the mound. Probing in the area with a shovel found no evidence of buried metal objects at a depth of 2 to 3 feet below ground surface. Two negative readings occurred in the vicinity of three small rectangular-shaped concrete pads in the southern part of the unit. Six other negative reading in the southern part were local isolated features with limited scope and magnitude. Probing with a shovel 2 to 3 feet beneath the surface found no evidence of buried metal debris. The remainder of the anomalies are limited in areal extent and were associated with visible metal debris. Analytical results from three soil borings in close proximity to anomalies in the southern sector indicate that, if anything is buried in the area, its impacts are negligible.

<p>Table 1-4 Analytical Results from Well IDP-6 Sample Date: March 3, 1990</p>		
Parameter	Units	Value
Conductivity	μS/cm	55.00
pH	units	5.3
Total Dissolved Solids	mg/L	45.00
Total Organic Carbon	mg/L	< 1.00
Total Inorganic Carbon	mg/L	5.00
Total Carbon	mg/L	6.00
Chloride	mg/L	2.20
Silica	mg/L	9.60
Fluoride	mg/L	< 0.10
Nitrite Nitrogen	mg/L	< 0.01
Total Phosphate (as P)	mg/L	< 0.05
Nitrate (as Nitrogen)	mg/L	1.92
Sulfate	mg/L	< 5.00
Total Phenolics	mg/L	< 0.005
Mercury	mg/L	< 0.0002
Chromium	mg/L	< 0.004
Potassium	mg/L	0.658
Nickel	mg/L	< 0.004
Calcium	mg/L	3.66
Lead	mg/L	< 0.006
Cadmium	mg/L	0.002
Sodium	mg/L	4.06
Magnesium	mg/L	0.635
Uranium	mg/L	< 1.00

1.4 Report Organization

This RFI/RI Report, following EPA Guidance (EPA, 1988), consists of seven chapters for describing the rationale for the investigation, unit characterization activities conducted, data evaluation, risk assessment, and data assessment. Chapter 1 provides background information summarizing the history of the unit, and the purpose and objectives of this investigation. Chapter 2 describes the objectives of the EPA-approved work plan. Chapter 3 describes the physical characteristics of the unit including surface topography, hydrogeology, soil types, demography and land use, and ecology. Chapter 4 presents an evaluation of the contamination present at Grace Road Site. Chapter 5 evaluates the fate and transport mechanisms applicable to the contaminants detected, and Chapter 6 presents a summary of the human health and ecology baseline risk assessment. Chapter 7 summarizes the results of the RCRA/CERCLA Unit Assessment along with conclusions derived from data analysis.

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2.0 STUDY AREA INVESTIGATION

2.1 Surface Feature Investigation

The general topography of Grace Road Site has been mapped and the surface drainage delineated. Figure 2-1 is a topographic map of the unit and Chapter 3.0 provides additional information on area physiography. There is little evidence to suggest this area contains a waste unit.

2.2 Contaminant Source Investigation

The general history of this area does not provide any information about its use as a waste unit. However, a unit screening program was required since the preliminary unit evaluation indicated the possible disposal of hazardous substances. The unit screening is discussed in Section 1.3.2.

2.3 Meteorological Investigation

As a nuclear facility, SRS maintains a system of seven meteorological towers located adjacent to each production area and at the WJBG-TV tower about 15 kilometers (9 miles) north of the unit. In addition, the National Weather Service maintains a station at Augusta's Bush Field airport approximately 26 kilometers (16 miles) northwest of this area.

Data from these sources have been compiled and published in numerous documents including the EIS for continued operation of K-, L-, and P- Reactors (DOE, 1990). Meteorological data are summarized in Section 3.2. No ambient air sampling was performed because Grace Road Site is inactive with no potential for impact to the air.

2.4 Surface Water and Sediment Investigation

Surface water/sediment sampling was not conducted because the nearest surface water is

Upper Three Runs Creek approximately 2.4 kilometers (1.5 miles) east of the unit.

2.5 Soil/Vadose Zone Investigations

2.5.1 Ground Penetrating Radar Investigation

GPR was run at Grace Road Site for the purpose of identifying evidence of potential excavation and determining areas where buried waste and other debris may be found. A total of 53 lines totaling 12,879 feet were acquired in March and April 1994. The location of GPR lines acquired with a 100 MHz antenna are shown in Figure 2-2, and lines surveyed with a 300 MHz antenna are shown in Figure 2-3. A grid was laid out in approximately an east-west, north-south direction to determine the location of the GPR transects. Except for the trees and brush, surface conditions at the unit were considered good for GPR.

2.5.2 Soil Gas Survey

An additional soil gas survey was completed at the Grace Road unit in March 1994. The objective of that survey was to determine the presence and extent, or absence, of contamination in soils in and around the unit. A total of 85 sample locations were established and samples collected at each location (see Figure 2-4).

Species monitored for this survey were: light hydrocarbons (C₁-C₄); gasoline range normal paraffins (C₅-C₁₀); gasoline range aromatic hydrocarbons, (BTEX); diesel range hydrocarbons (C₁₁-C₁₇); selected organics; and mercury. Samples were collected from a depth of 46 centimeters (18 inches).

Tabular results of the soil volatile organic compound (VOC) survey are provided in Appendix A.3. In general, the levels of volatile organics detected in this survey are very low with most below minimum detection levels. Low observed levels of chloroform in several samples is of the same order as that observed in the blanks and may result from chloroform present in the available distilled water. The level of light hydrocarbons is also

Figure 2-2 GPR Survey Lines, 100MHZ Antenna

Figure 2- 3 GPR Survey Lines, 300MHZ Antenna

Figure 2-4 Soil Gas Survey Sample Locations

very low. Mercury concentrations are in the range observed in background samples at SRS although the level at site #1 is at the extreme of that range.

2.5.3 Conclusions from GPR and Gas Survey

The GPR survey was able to obtain good quality data with several of the plots having strong refractions indicating buried metallic objects. The data also indicated that the most of the sediment in the area is undisturbed except around some of the old farm buildings. The disturbed soil is either from the original building construction or from the removal of the slabs and blocks.

The levels of volatiles and diesel range organics observed in the survey are very low with most below minimum detection levels. Levels of light hydrocarbons and mercury are indicative of background concentration in the SRS area.

2.5.4 Gross Alpha and Non-Volatile Beta Analysis

As noted in Section 1.3.2.2.2, one gross alpha value of 30 pCi/g was found in the 5.5-6.1 meter (18-20 foot) sample taken from borehole GRS-10. While this value was only slightly above the SRS-wide range, it was decided to collect additional samples from Grace Road and test them for gross alpha and non-volatile beta.

A total of seven additional sample locations were selected, GRS-15 through GRS-21. Two of the locations, GRS 15 and GRS-16 were located adjacent to borehole locations GRS 10 and GRS-08 respectively. In August 1994 samples were collected from various depths at those locations. Samples from GRS-17 through GRS-21 were collected from the 0-0.3 meter (0-1 foot) range. Samples GRS-22 and GRS-23 were composite samples collected from L-Area and intended to serve as background samples. Figure 2-5 shows the locations for the gross alpha and non-volatile beta samples at Grace Road.

Table 2-1 shows the results of the analyses on the Grace Road samples. The findings represent what would be found in normal backgrounds for SRS soils. Fay and Pickett (1987) documented background levels for uranium and thorium decay chains and for K-40 in the top 30.5 centimeters (12 inches) of SRS soils. Their average findings were that the

Table 2-1 Analysis of Soil Samples for Gross Alpha and Non-Volatile Beta				
Sample Identification	Depth in meters (feet)	Gross Alpha* (pCi/g)	Non-Volatile Beta* (pCi/g)	NOTE
GRS-15-01	0-0.3 (0-1)	< 5	< 5	near borehole GRS-10
GRS-15-02	1.5 (5)	< 5	< 5	near borehole GRS-10
GRS-15-03	3.05 (10)	13.30	5.73	near borehole GRS-10
GRS-15-04	4.6 (15)	14.50	5.10	near borehole GRS-10
GRS-15-05	6.1 (20)	8.53	8.02	near borehole GRS-10
GRS-16-01	0-0.3 (0-1)	5.04	5.26	near borehole GRS-08
GRS-16-02	1.5 (5)	< 5	< 5	near borehole GRS-08
GRS-16-03	3.05 (10)	8.83	5.35	near borehole GRS-08
GRS-17-01	0-0.3 (0-1)	< 5	< 5	surface sample
GRS-18-01	0-0.3 (0-1)	< 5	5.13	surface sample
GRS-19-01	0-0.3 (0-1)	< 5	< 5	surface sample
GRS-20-01	0-0.3 (0-1)	< 5	< 5	surface sample
GRS-21-01	0-0.3 (0-1)	< 5	< 5	surface sample
GRS-22-01	0-0.3 (0-1)	< 5	< 5	background sample
GRS-23-01	0-0.3 (0-1)	< 5	< 5	background sample

* Reporting Limit and Method Detection Limit = 5 pCi/g

uranium series contributed 9.87 pCi/g and the thorium series contributed 9.4 pCi/g. Potassium-40 contributed only 0.52 pCi/g. Therefore, the average normal background in SRS soils is considered to be approximately 20 pCi/g (alpha plus beta-gamma). The sum of the "positive" activities in the Grace Road samples are very close to the total background level which would indicate that activity in those samples is indicative of naturally-occurring (primordial) material.

2.5.5 Identification of Human Health Chemicals of Potential Concern (COPCs)

All chemicals shown in Table 1-2, both organic and inorganic, are considered chemicals of potential concern for this unit.

2.5.5.1 Rationale and Criteria for Selection of COPCs

After combining analytical data and eliminating those analytes not detected in any samples, the data were evaluated on the basis of quality with respect to sample quantitation limits, laboratory qualifiers and codes, and blanks.

2.5.5.2 Risk-Based Concentrations (RBCs)

Risk-based concentrations (RBCs) developed by EPA Region III were used to screen the chemicals of potential concern from the list. The table contains reference doses and carcinogenic potency slopes (obtained from Integrated Risk Information System [IRIS] through January 1, 1995, and Health Effects Assessment Summary Tables [HEAST] through March 1994, the Superfund Health Risk Technical Support Center, and other EPA sources) for nearly 600 chemicals. These toxicity constants have been combined with "standard" exposure scenarios to calculate RBCs - chemical concentrations corresponding to fixed levels of risk (i.e., a hazard quotient of 1, or a lifetime cancer risk of 1.0×10^{-6} , whichever occurs at a lower concentration) in water, air, fish tissue, and soil. The RBCs are very similar to preliminary remediation goals which are concentration goals for individual chemicals for a specific medium and land use combinations at CERCLA units.

As a result of using the RBCs to screen the chemicals detected in the soil samples, only two chemicals remain to be studied further, arsenic and lead. As shown in tables 1-2 and 1-3, the maximum arsenic value detected was 3.2 mg/kg which exceeded the carcinogenic value of 0.37 mg/kg for the residential adult/child scenario.

The screening level for lead in soil is 400 mg/kg for residential land use. This value is described in OSWER Directive # 9355.4-12, Revised Internal Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities, dated July 14, 1994 and issued by Elliott P. Lewis of the USEPA. The screening level for lead was calculated using the USEPA new integrated exposure uptake biokinetic model with default parameters.

Based on the *Report on Geochemical and Physical Properties of Soils and Shallow Sediments at SRS, WSRC-RP-90-1031* (Looney et al, 1990), the maximum concentration level for arsenic in Blanton soils is 7.05 mg/kg and the median value is 2.6 mg/kg. SRS site wide values for arsenic range from < 0.5 mg/kg to 15.2 mg/kg with a median of < 2.0 mg/kg. Note that arsenic was used as a component of agricultural chemicals in the period before SRS existed and that Grace Road was a farm. Thus, a few of the detected values may be a result of farming activities prior to 1950. If farming did cause the arsenic problem, and it was not used on SRS since the early 1950s, then it is reasonable to assume that the arsenic level is migrating to the deeper soils on SRS. Since arsenic was not eliminated from the screening process, calculations were performed to determine the risk for the on-unit resident scenario. The calculation of each scenario is described in Section 5.0 and Appendix C of this report.

2.6 Groundwater Investigation

It was recommended that groundwater samples not be obtained at this time. This recommendation was based on the facts that the expected depth to the water table is approximately 24.4 meters (80 feet) below land surface and that only minimal contamination was found near the surface at this unit. In addition, as noted in section 3.6, the unit sits on a ridge top indicating that the unit appears to be in the middle of a recharge zone, with groundwater flow south and east from it. Figure 1-2 shows the topography of the unit and its proximity to the local drainage systems. Ground water analytical results

from water table well IDP-6 (see Section 1.3.2.4) immediately east of Grace Road, show no detection of mercury, total chromium, lead, cadmium, or uranium (an alpha emitter).

Based on the information known about the area, the probability of groundwater contamination at Grace Road Site is extremely low because of the following :

1) The unit sits on top of a ridge between two drainage systems which indicates that this area is a recharge zone for the water table aquifer. The only contamination that can occur in that aquifer would have to be derived from the ground surface above the aquifer or carried in solution with the rain falling on that area. Given that minimal contamination was found at the unit, the probability of water table aquifer contamination is minimal. Tests of water samples from well IDP-6, which is hydraulically down gradient from the unit, showed no signs of contamination.

2) Groundwater in the deeper aquifers has a general flow direction from northwest to southeast. There are no known sources of contamination northwest of Grace Road Site. The nearest contaminated sites are: M-Area, A-Area Burning Rubble Pit, and the Miscellaneous Chemical Basin-Metals Burning Pit unit. However, since these units lie 5 to 8 miles due north of Grace Road and the groundwater flow direction is to the southeast, there is an extremely low probability that their contamination will reach Grace Road.

2.7 Human Population Surveys

There is no resident population on or in close proximity to Grace Road Site. The closest worker population to the unit is located in B-Area, 1.3 kilometers (0.8 miles) north of the unit (see Figure 1-2). Grace Road Site is accessible from SRS Road 2 to SRS workers and other authorized visitors. At present, the unit is outside the controlled access secured zone, but within the SRS security area and requires authorization for access. In addition, the area has been marked and labeled by the Environmental Restoration Department.

3.0 PHYSICAL CHARACTERISTICS OF THE STUDY AREA

3.1 Surface Features

There are no structures of any type located at or near the unit; the only nearby man-made feature is Grace Road which runs through the unit and intersects with SRS Road 2. The topography of the unit slopes to the east from an elevation of about 84.8 meters (278 feet) above mean sea level (msl) at its western end to about 76.2 meters (250 feet) at the eastern end (see Figure 2-1).

3.2 Meteorology

Climatology and meteorology of SRS are based on data collected on the unit, at Bush Field in Augusta, Georgia (DOE, 1990), and from the H-Area tower and A-Area shelter (DOE, 1991).

3.2.1 Regional Climatology

The SRS region has a temperate climate with short, mild winters and long, humid summers. The region is subject to continental influences, but is protected from the more severe winters in the Tennessee Valley by the Appalachian Mountains to the north and northwest, and is often influenced by warm and moist maritime air masses throughout the year. Gently rolling hills with no unusual topographic features that would significantly influence the general climate characterize the unit and the surrounding area.

3.2.2 Temperature and Humidity

The annual-average temperature at SRS is 18°C (64.4°F). Monthly averages range from 7°C (44.6°F) in January to 27°C (80.6°F) in July. The annual average relative humidity is 66 percent. The lowest monthly average daily minimum (36 percent) occurs in April, and the highest monthly average daily maximum (98 percent) occurs in August.

3.2.3 Precipitation and Evapotranspiration

The average annual precipitation at SRS is 122 centimeters (48 inches). Precipitation is distributed fairly evenly throughout the year, with the highest precipitation in summer (36.1 cm; 14.2 in). Average precipitation totals for the fall months are less than the average totals for the other seasons, accounting for about 18 percent of the average annual total. For Augusta, precipitation totals greater than 0.025 centimeters (0.01 inches) occur, on average, about 107 days per year.

The average number of days per month with measurable precipitation range from about six in October to about 12 in July. Monthly precipitation extremes in Augusta range from a maximum of about 30 centimeters (11.8 inches), recorded in March 1980, to a trace, observed in October 1959.

The greatest observed rainfall for a 24-hour period was about 15 centimeters (5.9 Inches) in August 1964. Hourly observations from Augusta indicate that the rainfall rate is usually less than the 1.3 centimeters (0.5 inches) per hour, although rates greater than 1.3 centimeters per hour can be expected during spring and summer thunderstorms. The calculated 24-hour/100 year rainfall at SRS is 20.8 centimeters (8.2 inches; DOE, 1990).

Although snow can fall from October through March, the average annual snowfall is only 3.0 centimeters (1.2 inches). Large snowfalls are rare. The National Weather Service (NWS) station in Augusta, Georgia, observes maximum total snowfalls for 24-hour and monthly periods. From 1951 to 1987, the maximum snowfall in the SRS area was 36 centimeters (14.2 inches), recorded in February 1973 (DOE, 1990).

Evapotranspiration in the southeastern Coastal Plain physiographic province is approximately 88.9 cm/yr (35 inches/yr), which is 73 percent of the reported average annual precipitation (DOE, 1990). The remaining precipitation represents the amount available to surface streams for overland flow and to groundwater for recharge.

3.2.4 Wind

Wind data measured at the 6 meter (20 feet) level at the H-Area tower for the period 1982-1986 indicate that there is no predominant wind direction at SRS. The maximum directional frequency is from the northeast (about 9 percent of the time). Figure 3-1 shows an annual wind rose for H-Area, which is near the center of SRS. These data indicate that the observed wind directions tend to favor the southwest and northeast quadrants (28 and 30 percent of the time respectively) in relation to the northwest (20 percent) and the southeast (22 percent) quadrants. For all data, winds from the northeast sector occurred most frequently (nearly 10 percent of the time). Winds from direction sectors in the southwest quadrant also occurred with a relatively high frequency (7 to 8 percent of the time).

The average wind speed, from onsite data, from 1982 to 1986 was 3.25 m/s (7.3 mph). Hourly wind speeds less than 2 meters per second occurred about 9 percent of the hours. For about half of the hours, wind speeds were less than 4 m/s (9 mph). From 1975 to 1979 onsite data, the average speed was greatest during the winter (3.35 m/s; 7.5 mph) and least during the summer (2.48 m/s; 5.5 mph).

Winter storms in the SRS area occasionally bring strong and gusty winds with speeds as high as 32 m/s (72 mph). On occasion, SRS instruments have recorded winds as high as 39 m/s (87 mph) during winter storms. Thunderstorms can generate winds as high as 18 m/s (40 mph) and even stronger gusts. During the history of the Site, only Hurricane Gracie, in September 1959, had onsite winds stronger than 34 m/s (76 mph; DOE 1990).

3.2.5 Thunderstorms

On average, 56 thunderstorm days occur per year on the site. Summer thunderstorms occur primarily during the late afternoon and evening; they can be accompanied by strong winds, heavy precipitation, or, less frequently, hail (DOE 1990). On average, based on observations in a one-degree square of latitude and longitude, hail occurred once every two years.

Annual Wind Rose of Hourly Averaged Winds from H-Area Tower, 1982-86.
(Directions Are Sectors from Which Wind Blows.)

Source: DOE, 1990

Figure 3-1. Annual Wind Rose for H Area

3.2.6 Ice and Snow

Winter storms that produce more than 2.5 centimeters (1 inch) of ice or snow are rare. Snowfalls of 2.5 centimeters or greater occur once every five years on the average. Any accumulation of snow rarely lasts longer than three days.

For a nine year period of record, storms resulting in an accumulation of ice on exposed surfaces occurred in the SRS vicinity an average of about once every two years. Based on a 50-year period of record (1920 to 1969), a 1.3 centimeter (0.5 inches) accumulation of ice would occur once every 25 years (DOE 1990).

3.2.7 Fog

Heavy fog, reducing visibility to less than 0.4 kilometer, occurred at Augusta on a average of about 28 days per year (1951 to 1969). Occurrences averaged about three days per month during the fall and winter and slightly more that one day per month during spring and summer. Most of the heavy fog observed at Augusta is caused by its proximity to the Savannah River.

3.2.8 Tornadoes

The estimated probability of a tornado striking a point at SRS is $7.0E-5/\text{yr}$. (DOE, 1991). About half the total number of observed tornadoes, and most of the tornadoes resulting in severe or devastating damage, occurred in March, April, and May. However, tornadoes have been observed in the SRS area in every month of the year. Investigations of tornadoes occurring near the Site in 1975 and 1976 indicated wind speeds between about 45 m/s (100 mph) and 78 m/s (174 mph; DOE, 1990).

Since operations began at SRS in 1953, six tornadoes have been confirmed on or near SRS. Nothing more than light damage was reported from any of these storms, with the sole exception of a tornado in October 1989. That tornado caused considerable damage to timber resources in an unpopulated wooded area of SRS (DOE, 1991).

3.2.9 Hurricanes

Thirty-six hurricanes caused damage in South Carolina from 1700 to 1987. From 1899 to 1980, 13 hurricanes were experienced in South Carolina and Georgia, for an average frequency of about one hurricane every six years; however, the observed interval between hurricane occurrence has ranged from two months to 27 years. Three of these hurricanes were classified as major. Instruments at SRS measured winds associated with Hurricane Gracie, which passed to the north of the Site on September 29, 1959, as high as 34 m/s (76 mph). No other hurricane-force wind has been measured on the Site. On September 22, 1989, Hurricane Hugo struck the coast of South Carolina near Charleston; sustained winds recorded at SRS were 17 m/s (38 mph).

Because the Site is approximately 161 kilometers (100 miles) inland, winds associated with tropical weather systems usually have diminished below hurricane force (sustained speeds of 121 kilometers per hour (75 mph) or greater). Extreme rainfall and tornadoes, which frequently accompany tropical weather systems, usually have the most significant impact on facility operations (DOE 1990).

3.3 Surface Water Hydrology

Grace Road Site is situated on soil mapped as part of the Blanton Series. The Blanton Series consists of somewhat excessively drained, moderately permeable soils that formed in sandy and loamy sediments of the Coastal Plain. These soils are on low ridges and side slopes and in broad swales adjacent to the low side slopes. Any surface water drainage from the unit would be generally to the southeast. Based on the soil description and the absence of perennial or intermittent streams in close proximity to the unit, it is unlikely that hazardous constituents would be carried from the unit by surface water runoff. The nearest surface water body to the Grace Road Site is Upper Three Runs Creek approximately 2.4 kilometers (1.5 miles) east of the unit. Based on the apparent lack of surface water runoff, Upper Three Runs Creek should not be affected by Grace Road Site.

3.4 Geology of SRS

The subsurface geology underlying SRS includes crystalline basement rock and Triassic sediments which are overlain by Cretaceous and younger Coastal Plain sediments (Price, 1988). The crystalline basement rock is composed of chlorite-hornblende schist, hornblende gneiss, and lesser amounts of other types of crystalline rock. This bedrock is buried beneath approximately 274.4 meters (900 feet) of sediments. The Triassic sediments occur in the southern portion of SRS. Sediments of the Triassic bedrock are composed of poorly sorted conglomerate, sandstone and mud-rock, and are generally dark red in color. The stratigraphic units of the Coastal Plain, from oldest to youngest, are the Cape Fear Formation, the Lumbee Group, the Black Mingo Group, the Orangeburg Group, the Barnwell Group, and the Upland Unit (Figure 3-2).

The Cape Fear Formation is composed of Upper Cretaceous, poorly sorted, silty to clayey quartz sands and interbedded clays. The Cape Fear thickens across SRS, ranging from 9.2 meters (30 feet) at the northwest SRS site boundary to more than 54.9 meters (180 feet) at the southeast SRS site boundary.

The Lumbee Group (Upper Cretaceous) is subdivided into the Middendorf and the Black Creek Formations, and the Steel Creek Member of the Peedee Formation. The lower contact between the Middendorf and the Cape Fear Formations is a sharp erosional unconformity. The Middendorf Formation is dominantly made up of medium to coarse sand with some thin kaolinitic clay lenses. The Black Creek Formation is generally comprised of interbedded sands, silts and clays. The Peedee Formation (Steel Creek Member) contains poorly to well-sorted, silty-to-clayey sands in the lower section and interbedded clayey-sands in the upper section. The thickness of the Lumbee Group is from 115.9 meters (380 feet) to more than 213.4 meters (700 feet) from the northwestern SRS boundary to the southeastern SRS boundary, respectively.

The Lumbee Group formations are overlain unconformably by the Paleocene to Eocene aged Black Mingo Group. Locally, the Black Mingo Group Formations dip to the southeast, and range in thickness from 21.3 meters (70 feet) at the northwestern boundary of the SRS to approximately 45.7 meters (150 feet) near the southeastern boundary. The Black Mingo Group at the SRS is comprised of, from older to younger, the Ellenton

Figure 3-2 Comparison of Chronostratigraphic, Lithostratigraphic, and Hydrostratigraphic Units at SRS

Formation (Early Paleocene), the Snapp Member of the Williamsburg Formation (Late Paleocene), and the Fourmile Member of the Fishburne Formation (Early Eocene).

The Ellenton Formation consists mostly of gray, poorly sorted, micaceous, lignitic, silty and clayey quartz sand interbedded with gray clays. The Ellenton is approximately 12.2 meters (40 feet) thick at the northwestern SRS boundary and thickens to approximately 30.5 meter (100 feet) at the southeastern SRS boundary.

The Snapp Member of the Williamsburg Formation is typically comprised of silty, medium to coarse grained quartz sand interbedded with clay. The Williamsburg thickens from 9.2 meters (30 feet) at the northwestern SRS boundary to 15.2 meters (50 feet) at the southeastern SRS boundary. The Fourmile Member of the Fishburne Formation consists of tan, orange, yellow, brown, and white clayey and micaceous sand (Fallaw, 1991). The Fishburne has been traced from well PBF-3 into the A/M area, the only locale of known distribution at SRS. The Fourmile section is 4.6 meters (15 feet) to 22.9 meters (75 feet) thick in this area.

The Black Mingo Group is overlain by the Middle Eocene age Orangeburg Group. The Orangeburg Group outcrops at many areas of low elevation around the SRS. The thickness of the Group ranges from approximately 30.5 meters (100 feet) at the northwestern SRS boundary to 48.8 meters (160 feet) at the southeastern boundary. The Orangeburg Group is made up of the lower Middle Eocene Congaree Formation and the upper Middle Eocene Santee Limestone Formation.

The Congaree Formation consists of yellow, orange, tan, gray and greenish gray, well sorted, quartz sands with thin clay laminae. The top section of the Congaree Formation is cemented with silica in many areas of the SRS and is slightly calcareous in other areas. The Congaree Formation is approximately 18.3 meters (60 feet) thick at the northwestern SRS boundary and thickens to approximately 25.9 meters (85 feet) near the southeastern SRS boundary.

The Warley Hill Formation is a fine-grained, often glauconitic sandstone occurring at or near the base of the Santee Formation at SRS (Aadland et al, 1992). The Warley Hill Formation and the Caw Caw Member of the overlying Santee Formation make up what

has been informally referred to in many SRS reports as the "green clay". The "green clay" is composed of glauconitic, silty and clayey quartz sands and silty clays. Clay beds in this interval are laterally discontinuous in the northernmost SRS areas (Lewis and Aadland, 1992). The overlying Santee Formation is subdivided into the Caw Caw and the McBean Members, and varies in lithology from carbonates and calcareous quartz sands to quartz and glauconitic sands and clays. The uppermost member, McBean, consists of limestone overlain by quartz sand. The thickness of the formation ranges from 12.2 meters (40 feet) to more than 24.4 meters (80 feet) from the northwestern SRS boundary to the southeastern SRS boundary, respectively.

The Orangeburg Group is overlain by the Late Eocene deposits of the Barnwell Group. The Barnwell Group at the SRS is subdivided into the Clinchfield, Dry Branch, and Tobacco Road Formations. The Clinchfield Formation is present at some SRS locations, but it is not continuous enough to be correlated across the site. The quartz sand of the Clinchfield Formation has been identified at the SRS only when the contrasting carbonates of both the Griffins Landing Member of the Dry Branch Formation (stratigraphically above) and the McBean Member of the Santee Formation (stratigraphically below) are present, with the sand between them. The Dry Branch Formation is divided into (from oldest to youngest) the Griffins Landing, Twiggs Clay, and Irwinton Sand Member. This formation outcrops in several places across the SRS and ranges in thickness from 15.2 meters (50 feet) from the northwest boundary to 24.4 meters (80 feet) near the southeastern SRS boundary.

The Griffins Landing Member of the Dry Branch Formation is composed of carbonates that occur sporadically at the SRS. The Irwinton Sand Member contains tan, yellow, and orange, moderately sorted quartz sand with interlaminated clays. The Twiggs Clay Member of the Dry Branch Formation is informally called the "tan clay." This clay lithofacies, which is tan, light gray, and brown, varies in thickness up to 3.7 meters (12 feet) at the SRS, but is not laterally continuous.

The Tobacco Road Formation, which overlies the Dry Branch Formation, consists of red, fine to coarse, moderately to poorly sorted, clayey quartz sand with minor clay laminae. The Tobacco Road outcrops at the surface at many locations throughout the site and ranges in thickness from 6.1 to 9.1 meters (20 to 30 feet).

The Upland Unit (previously mapped at SRS as the Hawthorn Formation) is composed of poorly sorted, clay-to-silty sands, with lenses and layers of pebbly and cobbly quartz sands with extreme lateral and vertical variation. (Price, 1988). The presence of the Upland Unit in this area is inconsistent, occurring predominantly at higher elevations around SRS.

3.5 Hydrogeology

A multilayer hydrologic system exists in the Coastal Plain sediments at the SRS. Confining units within the system are interspersed with more transmissive units. Aadland and Bledsoe (1990) developed an alpha numeric hydrostratigraphic nomenclature system for SRS and Aadland et al (1992) introduced proposed names for the systems, units and zones (Figure 3-2). Within this nomenclature, the basement complex underlying the Coastal Plain deposits is referred to as the Piedmont Hydrogeologic System. This system is overlain by three aquifer systems of Coastal Plain deposits, the Midville, the Dublin, and the Floridan Aquifer Systems, separated by the Allendale and Meyers Branch Confining Systems. These Aquifer systems are separated from the lower Piedmont Hydrogeologic System by the Appleton Confining System. The Appleton Confining System is composed of poorly sorted, clayey sediments of the Cape Fear Formation. Confining clay sediments of the middle Black Creek Formation make up the Allendale Confining Unit which separates the Midville and Dublin Aquifers. The Midville Aquifer is composed of sands of the Middendorf Formation and the lower sands of the Black Creek and lower Peedee Formations. As the confining systems and units thin and become discontinuous in a northerly direction at the SRS, the Midville and Dublin Aquifer Systems are combined to form a single Dublin-Midville Aquifer System. Figure 3-3 is a graphic illustration of the hydrogeologic nomenclature for the SRS region. The reader is referred to Aadland et al (1992) for the most recent description of SRS hydrogeology.

The Floridan Aquifer System is divided into the Gordon Aquifer and the Upper Three Runs Aquifer by the Gordon Confining Unit. Congaree/Fourmile sands comprise the Gordon Aquifer, and sands of the Santee Limestone and Tobacco Road Formation comprise the Upper Three Runs Aquifer. Warley Hill and Caw Caw clays (including the "green clay") comprise the Gordon Confining Unit. Northwest of Upper Three Runs

Figure 3-3 Hydrogeologic Nomenclature for the SRS Region

Creek (UTRC), the individual confining beds separating the two Aquifer Systems become thin and discontinuous.

3.6 Geology and Hydrology of the Grace Road Site

The amount of detailed geologic and hydrogeologic information on the Grace Road area is rather limited. Investigations of the area indicate the geologic units underlying Grace Road Site from the shallowest to about 30.5 meters (100 feet) depth are a clayey sand unit, approximately 6.7 meters (22 feet) thick, a sand unit, approximately 15.2 meters (50 feet) thick, a clayey sand and silty sand unit approximately 1.2 to 3.7 meters (4 to 12 feet thick), and a calcareous zone approximately 1.8 meters (6 feet) thick. These overlie the McBean Formation which is approximately 7.9 meters (26 feet) thick, the Green Clay, 3.7 meters (12 feet) thick, the Congaree Formation, 17.1 meters (56 feet) thick, the Ellenton Formation, 47.6 meters (156 feet) thick, and the Black Creek Formation.

The upper soil layers at the unit consist mainly of fine- to medium-grained sands mixed with small amounts (5-20%) of silt and clay and containing traces of lignite. In a few isolated patches clay dominates on the surface. Clay content in the soils increases with depth, especially below 1.8 to 3.05 meters (6-10 feet). From a depth of approximately 3.05 meters (10 feet) downward to the lowest sampling depth (6.1 meters [20 feet]) the sediment is a hard compact red clay.

There are numerous monitoring wells in the vicinity of Grace Road Site although only the IDP-3 well cluster is located 6.1 to 12.2 meters (20 to 40 feet) northeast of the unit and well IDP-6 is located 12.2 meters (40 feet) southeast of the unit. (see Figure 1-3). The water table elevations in these monitoring wells indicate that the water table is just above 61 meters (200 feet) mean sea level or approximately 24.4 meters (80 feet) below land surface at the Grace Road Site. The ridge top location indicates that the unit appears to be in the middle of a recharge zone, and groundwater flows south and east from it. Discharge of groundwater is into Upper Three Runs Creek (see topographic map in Figure 1-2).

Data from well cluster IDP-3 showed the water table was encountered more than 22.9 meters (75 feet) from the surface. There is a negative vertical gradient between the wells which produce water from the McBean and Congaree Formations (Well IDP-3C and IDP-3B, respectively). A positive vertical gradient between the wells producing from the Congaree and Black Creek Formations (Wells IDP-3B and IDP-3A) indicates that there is a confining unit between these two formations. The most likely confining unit is a green clay layer approximately ten feet thick which occurs at approximately 45.7 meters (150 feet) above mean sea level.

3.7 Demography and Land Use

3.7.1 Demographics

SRS is located approximately 40 kilometers (25 miles) southeast of Augusta, Georgia, and 32 kilometers (20 miles) south of Aiken, South Carolina. According to 1990 census data (Rand McNalley, 1992) the average population densities (in people per square mile) for the surrounding South Carolina counties are 111 for Aiken County, 36 for Barnwell County, and 28 for Allendale County. For the surrounding Georgia counties the densities are 228 for Columbia County, 524 for Richmond County, 25 for Burke County and 21 for Screven County. The population within an 80.5 kilometer (50 mile) radius of SRS is 634,784 people.

The estimated population for the area in the year 2000 is projected to be 852,000 (Rand McNalley, 1992). This estimate was calculated utilizing the 1970 to 1980 growth rate of each county in an 80.5 kilometer (50 miles) radius, assuming that the same rate of growth would continue into the future. The calculation assumed that the population would remain constant for counties that experienced a negative population growth between 1970 and 1980.

Calibrated demographic data is available for the six-county area that provides 90 percent of the SRS work force (DOE, 1994). These are Aiken, Allendale, Bamberg and Barnwell Counties in South Carolina and Richmond and Columbia Counties in Georgia. The population in those six counties increased 13 percent between 1980 and 1990, from

376,000 to 425,607 and is expected to increase to 474,820 by the year 2000 (DOE, 1992). A disproportionate share of the six county population increase was concentrated in Columbia County where the population increased more than 55 percent to 66,031 between 1980 and 1991.

3.7.2 Land Use

Less than 5 percent of the existing land in the area surrounding SRS is devoted to urban and developed uses (DOE, 1990). Most of the urbanized development in the area has occurred in and around the cities of Augusta, Georgia and Aiken, South Carolina. Agriculture accounts for 24 percent of total land use; forests, wetlands, water bodies, and unclassified land that is predominantly rural accounts for about 70 percent of the total land use. A projected 2 percent increase in the development of urban land surrounding SRS is expected by the year 2000.

Less than 5 percent of the total SRS land area is used by facilities engaged in the production of special nuclear materials. Reservoirs and ponds comprise approximately 13 square kilometers (5 square miles) of SRS. The remainder of the 780+ square kilometer (300+ square miles) area is undeveloped.

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4.0 NATURE AND EXTENT OF CONTAMINATION

4.1 Results of Data Usability Evaluation

The field investigation for Grace Road Site was conducted prior to the establishment of a formal data validation program at SRS. Data collected were subjected to the QA/QC standards in use at that time and considered to be acceptable by EPA Level III criteria. Information on the QA/QC methods employed during the investigation are provided in the *RFI/RI Plan for the Grace Road Unit, WSRC-RP-90-1250* (WSRC, 1990). Additional information on the QA/QC procedures used for this unit are provided in Appendix B.

4.2 Results of Site Characterization

Data collected during Preliminary Unit Evaluation (see Section 1.3.1), Unit Screening (see Section 1.3.2), and field investigations (see Section 2.5) indicate there is no contamination which is considered significant at Grace Road. The only COPCs which had slightly elevated levels were arsenic and lead. Arsenic contamination is attributable to farming activities conducted at Grace Road prior to SRS. An evaluation of the lead levels indicates that exposure to the amount found at Grace Road does not pose a risk to human health. Table 4-1 provides a comparison of the maximum contaminants found at Grace Road compared to two times the average background and the risk-based concentrations.

**Table 4-1 COMPARISON OF UNIT SPECIFIC SOIL
CONCENTRATION TO TWO TIMES BACKGROUND
CONCENTRATIONS AND RISK -BASED CONCENTRATIONS (RBC)**

Contaminant (units)	Maximum Concentration	Average Background Soil Concentration (GRS-10)	Two Times Background	RBC Value* (mg/kg)
Bis(2-ethylhexyl) Phthalate (mg/kg)	6.8	4.7	9.4	46
Carbon Disulfide (mg/kg)	0.002 J	ND	ND	7800
DDT(mg/kg)	0.0063 J	ND	ND	1.9
Styrene (mg/kg)	0.004 J	ND	ND	16000
Acetone (mg/kg)	0.002 J	ND	ND	7800
Toluene (mg/kg)	0.003 J	ND	ND	16000
Di-n-Butyl Phthalate (mg/kg)	53 J	ND	ND	7800
Trichloroethylene (mg/kg)	0.004	ND	ND	58
Xylene (mg/kg)	0.007	ND	ND	160,000
Arsenic (mg/kg)	3.2	ND	ND	0.37
Barium (mg/kg)	48.4	ND	ND	5500
Cadmium (mg/kg)	1.8	ND	ND	39
Chromium (VI) (mg/kg)	29.6	4.2	8.4	390
Mercury (mg/kg)	0.15	ND	ND	23
Lead (mg/kg)	48.1	1.4	2.8	400**
Selenium (mg/kg)	1.3	ND	ND	390
Tin (mg/kg)	32.5	ND	ND	47000
Vanadium (mg/kg)	61.8	ND	ND	550
Zinc (mg/kg)	7.0	ND	ND	23000
Gross Alpha (pCi/g)	22.0	21.7	43.4	—
Non-volatile Beta (pCi/g)	13.0	3.7	7.4	—

Table 4-1 continued on next page

Table 4-1 (continued)

* EPA Region III, Risk-Based Concentration Table, January-June 1995, dated March 7, 1995

j = estimated value

** The screening level for lead in soil is 400 mg/kg for residential land use. This value is described in OSWER Directive # 9355.4-12, Revised Internal Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities, dated July 14, 1994 and issued by Elliott P. Lewis of the USEPA. The screening level for lead was calculated using the USEPA new integrated exposure uptake biokinetic model with default parameters.

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5.0 CONTAMINANT FATE AND TRANSPORT

Contaminants may migrate in environmental media following release from secondary sources by any of several release or transport mechanisms, including:

- suspension and dispersal by the wind of particulate contaminants or contaminants adsorbed to surface soil particles (fugitive dust generation);
- direct volatilization of volatile organic compounds from surface soil to air
- uptake of soil contaminants by vegetation;
- transport of soil contaminants by storm water runoff to surface water and sediments;
- leaching of deep soil contaminants into groundwater.

In addition to the exposure pathways which result from the above secondary release and transport mechanisms, potential receptors also may be exposed directly to contaminants present in surface soils.

5.1 Exposure Points

Exposure points are locations where receptors can potentially come into contact with contaminated media. If a probable route of intake into the receptor is available at the point of exposure, an exposure pathway is complete. As shown in Figure 5-1 there are five media (pathways) through which exposure to unit-related chemicals may occur: air (dust and vapor), soil, groundwater, surface water, and sediments.

Surface soil or deep soils that have been excavated and redistributed onto the surface are potential exposure points for constituents of concern (COCs) in soils. Exposure points for chemicals in groundwater and chemicals that may infiltrate/percolate from deep soils to groundwater exist during future household use of groundwater. Under current land use conditions there are no direct exposure points to groundwater for receptors.

Surface water and sediments become exposure points for chemicals in soil through erosion and transport by wind and water. Chemicals in groundwater also may migrate to surface water and sediments where they may be contacted by potential receptors.

Figure 5-1 Conceptual Model of Exposure Pathways

COCs present in surface soil, or in deep soils that have been excavated and redistributed onto the surface around Grace Road could result in airborne dispersion of particulate chemicals or chemicals adsorbed to surface soil particulates (windblown dust). Exposure points exist where chemicals are suspended in the air or from the volatilization of chemicals from surface soils and/or redistributed deep soils.

5.2 Exposure Routes and Potential Receptors

An exposure route is the means by which a receptor comes in contact with a contaminated medium. The most common exposure routes are inhalation, ingestion, dermal contact, or external radiation. Probable exposure routes (i.e., potentially complete pathways) were identified for each receptor for each medium based on anticipated activities at the exposure point (see Figure 5-1).

Potential receptors are those individuals that may come into contact with potentially contaminated media associated with Grace Road. There is no worker activity at Grace Road so there are no scenarios or possible receptors under current land use conditions. The possible receptor under hypothetical future land use conditions is an on-site resident or worker.

SRS employees and subcontractors were not considered to be potential receptors at Grace Road. These persons were assumed to be individuals who visit the unit on an infrequent basis, are involved in sampling activities, or are present in the area when sampling activities are being performed. In addition, SRS employees and subcontractors are required to use personal protective equipment which would preclude their exposure to unit-related chemicals.

Current populations that potentially could be receptors for exposure to chemicals associated with Grace Road include trespassers and residents living outside the SRS boundaries.

A trespasser was considered to be a potential receptor because of the proximity of the unit to Highway 125, a public road. However, an intruder in the area would likely be detected

by SRS security, thereby minimizing the possibility of trespassing as well as the frequency and duration of exposure of a trespasser to unit-related contaminants. Because the exposure parameters used for the trespasser are less conservative than the parameters that would be used for an on-unit resident, risks calculated for the on-unit resident can be assumed to be greater than risks for a trespasser.

Residents living outside SRS boundaries could potentially be exposed to unit-related chemicals through inhalation of airborne chemicals in the form of vapor or dust (suspended particulates). However, the potential for transport of significant concentrations to residences beyond the SRS boundary is negligible considering their distance from the unit is at least 11.2 km (7 mi.). Because of this, exposure via the air pathway was not quantified for off-site residents.

Incidental ingestion of, or dermal contact with, contaminants in surface water and sediments are incomplete pathways for the off-site resident since there is no surface water or sediments near the unit. Additional incomplete pathways would include ingestion of, dermal contact with, and inhalation of volatile organic compounds (VOCs) from groundwater. However, the deeper soil boring analyses indicated that the groundwater is not contaminated as a result of the potential source(s). Also, dilution and degradation of unit-related chemicals during transport, in conjunction with the travel time required for chemicals to migrate beyond SRS boundaries to a likely exposure point, would significantly reduce the potential for risk from these pathways relative to other principal pathways. Therefore, these pathways were not quantitatively evaluated for off-site residents.

Future land use planning at SRS will likely designate certain areas as industrial and prohibit residential development through deed restrictions. However, Grace Road is located apart from the B-Area complex and could possibly be converted to residential use in the future. In the event this occurs, an on-unit resident may potentially become exposed to chemicals in soil through ingestion, dermal contact, and inhalation of contaminated dust or volatile chemicals.

Because institutional controls preventing the excavation of contaminated soils cannot be guaranteed, the future residential scenario also assumes the possible excavation of soils

from depths of 0 to 1.0 m (0 to 3 feet) and subsequent spreading of those soils on the surface. One meter is considered a reasonable depth for a residential contractor to excavate during typical home building. A future resident potentially could be exposed to either surface soils or the redistributed soils through the exposure routes described above.

5.3 Exposure Point Concentrations

The maximum concentration value was used as the exposure point concentration in lieu of the reasonable maximum exposure (RME). The RME is normally used as it is a conservative exposure case that is still within the range of possible exposures.

5.3.1 Soil

Soil sampling data were used to estimate COC exposure point concentrations in surface soil for the potential future residential scenarios.

5.3.2 Groundwater

Groundwater data were not collected for the Grace Road assessment. This recommendation was based on the facts that the expected depth to the water table is approximately 24.4 meters (80 feet) below land surface and that only minimal contamination was found near the surface.

5.3.3 Air

Exposure point concentrations for airborne particulates were derived for the future land use scenario through the use of a model. Particulate suspension was modeled following Milham et al (1975), who studied resuspension of plutonium from an old field that was converted to agriculture specifically for the purposes of the study. Since none of the scenarios considered in this risk assessment involve the high degree of soil disturbance associated with agriculture, the value chosen is conservative and site specific. Chemical concentrations in soil particulates were assumed to equal surface soil concentrations.

5.3.4 Intake Parameters

The values assumed for the RME exposure parameters, and the guidance they are based on, are presented in Table C-3 in Appendix C. Exposure time, frequency, and duration estimate the total time a receptor may be exposed to a contaminated medium. Exposure time (ET) is the number of hours per day that a receptor is present at a specific exposure point. Exposure frequency (EF) is the number of days per year that the exposure occurs, and exposure duration (ED) is the number of years over which exposure occurs.

For the future residential scenario, an ED of 30 years was assumed, representing the national upper-bound (90th percentile) time spent at one residence (EPA, 1991a). Residential ED was apportioned between adult and child, with 24 years as an adult and 6 years as a child. An EF of 350 days/year (EPA, 1991a) was assumed. ETs assumed for inhalation of VOCs from soil were 24 hours/day for an adult and child based on average time spent at home as reported in time use studies (EPA, 1993). Vapor concentrations indoors and outdoors were assumed to be equal.

Incidental soil ingestion rates (IRo) were based on EPA guidance (EPA, 1991a). For the future on-unit residential receptor, an upper-bound soil IRo of 200 mg/d was assumed for children 1-6 years of age and 100 mg/d for older children and adults (EPA, 1991a).

An inhalation rate (IRi) of 0.83 m³/hr (i.e., 20 m³/d / 24 hr/d = 0.83 m³/hr) for outdoor activities was used for adult receptors in the future residential scenario (EPA, 1991a). This value represents the reasonable upper-bound IRi over an entire day for indoor and outdoor activities, including periods of rest and light, moderate and heavy activity. The corresponding IRi for children (used for the future residential scenario) is 1.0 m³/hr (EPA, 1990).

The values used for body weight (BW) were the average weight over the exposure period: 70 kg for adult and 15 kg for child (EPA, 1991a). In accordance with EPA guidance (EPA, 1991a), an adult body weight was used to calculate intake for older children and adults.

Skin surface areas (SA) used for resident exposure to soil were 50th percentile values for the body parts representing the RME: head, hands, forearms and lower legs. Fiftieth percentile, instead of 95th percentile, values were used because 95th percentile values are misrepresentative of the surface area of individuals of average weight (e.g., 70 kg) (EPA, 1989). It was assumed that the resident adult or child will wear a short-sleeve shirt, shorts, and shoes while gardening, working, or playing outdoors at home, with about 25 percent of the total skin area exposed. This equates to an SA of 5000 cm² for the adult and 1800 cm² for the child (EPA, 1992).

For soil ingestion by the future on-unit resident, the value assumed for fraction ingestion (FI) from a contaminated source was 1.0. This conservative estimate assumes that all soil ingested was from the contaminated source.

The same FI values were used for the future child. The adherence factor (AF) assumed for soil is 0.2 mg/cm², which represents the lower end of the range believed to be typical for environmental exposures (EPA, 1992). This value was selected because of the sandy nature of surface soil at the unit.

The dermal absorption factor (ABS) of 0.1 percent was used for arsenic since it is an inorganic COC (EPA, 1992).

5.3.5 Equations for Exposure to Soil

For future land use conditions, the equations for soil exposure were used for one soil exposure scenario: exposure to chemicals in soils regardless of its location below the surface.

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6.0 RISK ASSESSMENT

6.1 Human Health Assessment

6.1.1 Exposure Assessment

One consideration in evaluating Grace Road unit is the determination of the environmental fate and transport of the COPCs identified in Section 2.5.5 and the potential pathways by which human population could be exposed to analytes at or originating from this unit. In identifying primary pathways of exposure, current and future land uses of the unit and surrounding area were considered. This section describes exposure scenarios, develops information on exposure pathways, estimates the concentration of COPCs at points of human exposure, and determines receptor intakes. Reasonable maximum exposure (RME) estimates are presented chemical intakes within each scenario. The uncertainties of the exposure assessment are described in Section 6.1.4.

6.1.1.1 Future Land Use Scenarios

Although future use of the area surrounding Grace Road is expected to remain industrial, it could potentially change from industrial to residential. For this reason and because an on-unit residential scenario is more conservative and since there is no unit worker activity, only a hypothetical on-unit resident was evaluated for the current and future use scenarios.

6.1.1.2 Identification Of Human Health Exposure Pathways

A complete exposure pathway consists of the following four elements: (1) a source and mechanism of contaminant release to the environment, (2) an environmental transport medium for the released contaminants, (3) a point of contact with the contaminated medium, and (4) a route of entry of the contaminant into the receptor at the exposure point. An integration of sources, releases, fate and transport mechanisms, exposure points, and exposure routes were integrated in order to determine the complete exposure pathways that exist at the unit. If any of these elements were missing, the pathway was incomplete and was not considered in the baseline risk assessment (BRA) for Grace Road.

A conceptual site model (CSM) was developed to illustrate the potential exposure pathways at Grace Road (Figure 5-1). One land use scenario was considered: future land use (residential). Potential human receptors addressed were hypothetical future on-unit residents.

Figure 5-1 depicts the potential contaminant sources, release and transport mechanisms, exposure pathways, and receptors for Grace Road. A complete exposure pathway exists when a receptor could be exposed to a contaminant source through one of the potential exposure routes. Even though a complete exposure pathway may exist for a particular receptor, quantification of risk for the pathway may not be practicable because of the lack of toxicity factors, or may not be warranted because of the expected minimal contribution to risk relative to other major pathways.

6.1.2 Toxicity Assessment

The objective of the toxicity assessment is to weigh available evidence regarding the potential for each COC to cause adverse health effects in exposed individuals and to provide, where possible, an estimate of the relationship between the extent of exposure and the severity of adverse effects (EPA, 1989).

Toxicity information used in this evaluation was obtained from the Integrated Risk Information System (IRIS; EPA, 1995a). If values were not available from IRIS, the Health Effects Assessment Summary Tables (HEAST; EPA, 1994) were consulted. Toxicological data for the COC (arsenic), including both carcinogens and noncarcinogens, are presented in Table C-2 in Appendix C.

In order to assess toxicity via the dermal absorption route of intake, oral toxicity factors based on administered doses were adjusted to express toxicity on the basis of absorbed dose. Oral absorption efficiencies (percent absorbed by the gastrointestinal tract following oral intake) were identified for each COC and used to modify toxicity values as follows: for carcinogens, the oral slope factor was divided by the oral absorption efficiency to derive an adjusted slope factor; for noncarcinogens, the oral reference dose was multiplied by the oral absorption efficiency. If an appropriate oral absorption efficiency value was

not identified, the following default values recommended by EPA Region IV were used: 80 percent for volatile organic compounds (VOCs), 50 percent for semi-volatile organic compounds (SVOCs), and 20 percent for inorganics. Table C-2 (Appendix C) presents the adjusted slope factors (SFs) and reference doses (RfDs) for all COCs for which oral toxicity values were available.

6.1.2.1 Non-Radiological Toxicity

6.1.2.1.1 Carcinogens

For risk assessment, EPA subscribes to the "non-threshold" theory of carcinogenesis, which proposes that there is essentially no level of exposure to a carcinogen that does not pose a finite probability of generating a carcinogenic response. This theory assumes that a small number of molecular events can evoke changes in a single cell that may lead to uncontrolled cellular proliferation and eventually to cancer (EPA, 1989). Therefore, no dose is thought to be risk free and, in evaluating cancer risk, an effect threshold cannot be estimated. As a result, EPA takes a probabilistic approach to the evaluation of the carcinogenicity of chemicals. This two-step evaluation includes the assignment of a weight-of-evidence classification to each chemical based on the strength of evidence that it is a human carcinogen, and the calculation of a slope factor for those chemicals that are possible, probable, or proven human carcinogens based on their weight-of-evidence (EPA, 1989).

The EPA weight-of-evidence classification system involves characterizing a chemical's carcinogenicity based on the availability of animal, human, and other supportive data. Based on the strength of the evidence that a chemical produces carcinogenic effects in humans, it is assigned to one of the following classes (EPA, 1989):

- **Group A - Human Carcinogen** - this category indicates that there is sufficient evidence from epidemiological studies to demonstrate carcinogenicity in humans;
- **Group B - Probable Human Carcinogen** - this category is subdivided into Group B1 and Group B2:
 - Group B1 indicates that limited data are available suggesting carcinogenicity in

humans;

- Group B2 indicates that there is sufficient evidence of carcinogenicity in animals and inadequate or no evidence in humans;
- Group C - Possible Human Carcinogen - this category indicates that there is limited evidence of carcinogenicity in animals and inadequate or no evidence in humans;
- Group D - Not Classifiable - this category indicates that there is inadequate or no data by which to classify a chemical as a human carcinogen;
- Group E - Evidence of Human Noncarcinogenicity - this category indicates that in an adequate number of studies, there was no evidence of carcinogenicity;

The slope factor (SF) is a plausible upper-bound estimate of the probability of a carcinogenic response per unit intake of a chemical over a lifetime. It is usually the upper 95th percent confidence limit of the slope of the dose-response curve and is expressed as the reciprocal of milligram (mg) of chemical intake per kilogram (kg) of body weight per day $[(\text{mg/kg-day})^{-1}]$. The SF is used in risk assessments to estimate an upper-bound lifetime probability of an individual developing cancer as a result of exposure to a particular level of a potential carcinogen. SFs are accompanied by the weight-of-evidence classification to indicate the strength of the evidence that the chemical is a human carcinogen (EPA, 1989).

Oral SFs are reported as risk per unit dose $[(\text{mg/kg-day})^{-1}]$. Toxicity values for carcinogenic effects also may be reported as unit risk. Unit risk expresses risk from a substance per concentration of that substance in the medium where human contact occurs. For example, inhalation SFs are usually reported as risk per unit concentration in air $[(\mu\text{g}/\text{m}^3)^{-1}]$.

Because carcinogenic toxicity values calculated for the dermal route of intake are rare, EPA recommends that an oral slope factor for a chemical be modified based on its gastrointestinal absorption efficiency in order to derive a slope factor based on absorbed dose for use in evaluating dermal absorption (EPA, 1989). Oral absorption efficiency factors and adjusted slope factors are listed in Table C-2 (Appendix C).

Arsenic is a COPC classified as Group A carcinogen. Exposure to this chemical may result in tumors in the lungs and bronchial system. Carcinogenic toxicity data for arsenic are summarized in Table C-2 (Appendix C) and includes weight-of-evidence classifications, slope factors (SFs), routes of exposure, types of cancer and target organs.

Arsenic

There is clear evidence that chronic oral exposure to elevated levels of arsenic increases the risk of skin cancer. The most common lesions are squamous cell carcinomas, but multiple basal cell carcinomas may occur. Dermal lesions of this sort can be surgically removed, but they may be fatal if left untreated. A number of studies suggest that the incidence of some types of internal malignancies may also be increased by chronic exposure to arsenic, but the data are inadequate to draw firm conclusions (ATSDR, 1993a). As mentioned earlier, arsenic is a class A carcinogen based on observations of increased lung cancer mortality in populations exposed primarily through inhalation, and on increased skin cancer incidence in several populations consuming drinking water with high arsenic concentrations.

IRIS (EPA, 1995a) lists nine studies that show the association between inhalation of arsenic and lung cancer, four that show the link between drinking water contaminated with arsenic and increased skin cancer, and four that show a link between arsenic consumption and increased cancer of various organs.

6.1.2.1.2 Noncarcinogens

For many noncarcinogenic toxicity effects, protective mechanisms may exist that must be overcome before an adverse effect is manifested. As a result, a range of exposures from zero to some finite threshold value may be tolerated by an organism without any expression of adverse effects. In developing toxicity values to evaluate noncarcinogenic effects, the EPA approach is to identify the upper bound of this tolerance range (i.e., the maximum sub threshold level). For most chemicals, this level can only be estimated, so uncertainty factors and modifying factors are applied to this estimated level in order to derive a reference dose (RfD) for evaluation of noncarcinogens (EPA, 1989).

An RfD reported as an intake (in mg/kg-day) is the toxicity value used most often in evaluating noncarcinogenic effects. Also used to evaluate noncarcinogenic effects are reference concentrations (RfCs), which are reported as a concentration in air or water (in mg/m³ or mg/l). Derivation and/or conversion from an RfC (concentration) to an RfD (dose) is not recommended by EPA. Table C-2 (Appendix C) presents the RfD, confidence level, routes of exposure, critical effects, and uncertainty and modifying factors for arsenic.

RfDs are developed and verified by EPA, and are defined as "an estimate of a daily exposure level for the human population, including sensitive subpopulations, that is likely to be without an appreciable risk of deleterious effects during a lifetime" (EPA, 1989). RfDs are preferably based on the highest concentration of a chemical tested at which no adverse effects were demonstrated in animal experiments (the NOAEL, or no observed adverse effect level). To calculate an RfD, the NOAEL is divided by uncertainty and modifying factors. If a NOAEL is not available for a chemical, a LOAEL (lowest observed adverse effect level) may be divided by additional factors for use as an RfD (EPA, 1989).

RfDs are reported with their uncertainty factors (UFs). The UFs generally consist of multiples of 10, with each factor representing a specific area of uncertainty inherent in the extrapolation from available data. The use of UFs helps to ensure that the potential for adverse noncarcinogenic effects is not underestimated, even for sensitive subpopulations, during the derivation of RfDs/RfCs. Because there are few, if any, noncarcinogenic toxicity values for dermal exposure, oral values are frequently used to assess risks from dermal exposure. The EPA has recommended that oral RfDs based on administered dose be modified using an absorption factor so that they represent absorbed dose (EPA, 1989). Oral absorption efficiency (percent absorbed) values were identified (using various sources listed in Table C-2 (Appendix C) for arsenic.

Arsenic

Inorganic arsenic (arsenic combined with oxygen, chlorine, or sulfur) is more toxic than organic arsenic (arsenic combined with carbon and/or hydrogen) (ATSDR, 1993a). The

RfD for chronic oral exposure to arsenic is based on studies (Tseng, 1977; Tseng et al., 1968) of over 40,000 residents of Taiwan who consumed well water contaminated with arsenic at levels that ranged from 0.001 to 0.017 mg/l. Consumption of contaminated water resulted in increased incidence of hyperpigmentation and keratosis that also increased with dose, increased incidence of skin lesions. The LOAEL (lowest observed adverse affect level) was estimated at 0.17 mg/l (0.014 mg/kg/day), and the NOAEL at 0.009 mg/l (0.0008 mg/kg/day). A UF of 3 and a Modifying Factor (MF) of 1 were used, resulting in a chronic oral RfD, reported in IRIS, of 3E-04 mg/kg/day. Confidence in the oral RfD is medium. HEAST reports a subchronic RfD of 1.0E-03 mg/kg/day, using a UF of 1, based upon the same study.

The chronic inhalation RfC for arsenic is 2.9E-04 mg/m³ (8.3 mg/kg/day), as developed by Oak Ridge National Laboratory (ORNL). The RfC is currently in draft stage and has not been adopted by the Environmental Criteria and Assessment Office (ECAO) of the EPA. The RfC based primarily on studies by Perry et al. (1948) and Watrous and McCaughey (1945), who studied the effects of occupational exposures of sodium arsenate and arsenilic acid dusts on industrial workers. The critical effects noted were skin abnormalities, including hyperpigmentation and hyperkeratosis. A UF of 100 and MF of 1 were used. Confidence in the RfC was rated as medium.

6.1.2.2 Chemicals With No EPA Toxicity Values

Lead

Lead, a naturally occurring blue-gray metal, is found in small quantities in the earth's crust and in all compartments of the biosphere. Both natural and anthropogenic processes are responsible for the distribution of lead throughout the environment, with gasoline combustion acting as a major source of lead found in the atmosphere and the earth's surface from atmospheric deposition (ATSDR, 1993b).

The toxicological database for lead is unusual in that it contains a great deal of dose-effect data for humans. These data come primarily from studies of occupationally exposed groups and the general population. Most of the exposure or dose data are in terms of internal exposure, usually measured as levels of lead in the blood. Human exposure to

lead occurs through a combination of inhalation and oral exposure, with inhalation contributing a greater proportion of the dose for occupationally exposed groups and the oral route contributing a greater proportion of the dose for the general population. In all work areas, the major route of lead exposure is by inhalation and ingestion of lead-bearing dusts and fumes. Airborne dust settles onto food, water, clothing, and other objects and may subsequently be transferred to the mouth.

The effects of lead are the same regardless of entry route into the body and are correlated with internal exposure as blood lead level (ATSDR, 1993b).

Human epidemiological studies have been inadequate in determining the carcinogenic effects of lead. Although several studies in occupational cohorts exposed to lead and lead compounds have been conducted, the available human evidence is considered to be inadequate to refute or demonstrate potential carcinogenicity for humans from lead exposure (EPA, 1991a).

The carcinogenic potential of lead salts, primarily phosphate and acetates, administered by the oral route or by injection has been demonstrated in rats and mice by more than 100 investigators. The most characteristic cancer response is bilateral renal carcinoma. Most of the investigations found a carcinogenic response only at the highest dose (EPA, 1991a).

The endpoints most sensitive to low-level exposure to lead are neurobehavioral deficits and growth retardation in young children and hypertension in middle-aged men. Effects on heme synthesis also occur at very low exposure levels (ATSDR, 1993b). Lead is classified as a probable human carcinogen, B2 weight of evidence, probable human carcinogen, inadequate or no human data.

6.1.3 Risk Characterization

A current on unit worker scenario was not performed because no worker activity is conducted in the area. The overall human health risk from exposure to unit-related chemicals is discussed in the following paragraphs.

Cancer risks are estimated as the incremental probability of an individual developing cancer over a lifetime as a result of pathway-specific exposure to carcinogenic contaminants. The risk to an individual resulting from exposure to nonradioactive chemical carcinogens is expressed as the increased probability of a cancer occurring over the course of a 70 year lifetime. Cancer risks are related to the EPA target range of $1\text{E-}04$ to $1\text{E-}06$ for incremental cancer risk at NPL sites. Risk levels at or above $1\text{E-}04$ are generally considered significant. In order to account for simultaneous exposure to multiple carcinogens through a given pathway, the risks calculated for each individual carcinogen in that medium were summed to obtain an estimate of the total cancer risk for the pathway.

The potential for excess cancer risk in humans is calculated by using the maximum daily intake since there was only one detect for arsenic over a lifetime and multiplying by a chemical-specific SF. The SF converts estimated daily intake directly to the incremental risk of an individual developing excess cancer (EPA, 1989). Risks could be estimated only for those COCs with a toxicity value currently available from IRIS or HEAST. The carcinogenic risk estimate is generally an upper-bound estimate because the SF is typically derived as the upper 95 percentile confidence limit of the probability of response based on experimental animal data (EPA, 1989). Thus, EPA is reasonably confident that the "true risk" will not exceed the risk estimate derived through use of the SF and is likely to be less than that predicted (EPA, 1989).

The potential for adverse noncarcinogenic health effects is evaluated as the ratio of the daily intake for the exposure period over the RfD. This ratio of exposure is called a hazard quotient (HQ). HQs for each COC are summed to obtain an HI for the specific pathway. A HI greater than one has been defined as the level of potential concern for adverse noncarcinogenic health effects (EPA, 1989). The greater the ratio (intake/RfD), the greater the level of concern (EPA, 1989). The HI allows an assessment of exposure to multiple chemicals. A HI that exceeds one (1) indicates a potential for adverse health effects from exposure to multiple COCs.

6.1.3.1 Current Land Use

Under the current land use scenario, there was no determination of carcinogenic risks and noncarcinogenic hazards from nonradioactive chemicals because no worker activity is being performed in the area.

6.1.3.2 Future Land Use

Under the future land use scenario, carcinogenic risks and noncarcinogenic hazards associated with nonradioactive COCs were calculated for exposure of the future on-unit resident (adult and child) to surface soils and air

6.1.3.2.1 Carcinogenic Risk

Estimates of the total risk by pathway for nonradioactive carcinogens are summarized for the future residential scenario in Table C-1 of Appendix C. Several of the exposure pathways have an estimated total risk of $3.8\text{E-}05$.

Total cancer risk for ingestion of soil on the Grace Road Site was $8.8\text{E-}06$. Estimated risks were $4.7\text{E-}08$ below the EPA point of departure of $1\text{E-}06$ for dermal contact with soils at the unit. Total cancer risk for inhalation of particulates from soils at Grace Road is $2.9\text{E-}05$ which is above the EPA point of departure of $1\text{E-}06$, but within the $1\text{E-}04$ to $1\text{E-}06$ range of concern.

6.1.3.2.2 Noncarcinogenic Hazard

Table 6-1 (and Table C-1 in Appendix C) provides a summary of HIs by pathway for the future residential scenario. HIs for the soil pathways were calculated for adulthood and childhood exposures combined and for childhood exposure only. All of the exposure pathways for the on-unit resident had HIs less than one.

6.1.3.2.3 Chemicals of Concern

Cancer risk levels at or above $1\text{E-}06$ are generally considered significant by EPA. Those COPCs determined to contribute significantly to a pathway having a total cancer risk of greater than $1\text{E-}06$ were identified as COCs. Exposures to soils for Grace Road and to airborne soil particulates have nonradiological risk levels greater than $1\text{E-}06$.

An HI of one (1) or greater has been defined as the level of concern for potential adverse noncarcinogenic health effects. Those COPCs that were determined to contribute significantly to a pathway having an HI of one or greater were identified as COCs. None of the COCs had HIs of one (1) or greater for the future on-site residential scenario.

A summary of the risk presented by the chemical of concern, arsenic with a maximum concentration of 3.2 mg/kg , for Grace Road is provided in Table 6-1. Additional information of the compilation of data and the calculations necessary to derive that table are provided in Appendix C.

Table 6-1
Carcinogenic/Non-Carcinogenic Results for 3.2 mg/kg Arsenic

Pathway	Carcinogenic Risk Adult and Child (Unitless)	Non-Carcinogenic Risk	
		Adult and Child (Unitless)	Child only (Unitless)
Dermal Contact	$4.7\text{E-}08$	$3.9\text{E-}04$	$2.6\text{E-}04$
Ingestion	$8.8\text{E-}06$	$1.5\text{E-}01$	$1.4\text{E-}01$
Inhalation	$2.9\text{E-}05$	$5.5\text{E-}02$	$4.7\text{E-}02$
Total Risk	$3.8\text{E-}05$	$2.0\text{E-}01$	$1.9\text{E-}01$

6.1.4 Uncertainty

The evaluation of chemical risks to human health presented in this baseline risk assessment was, by necessity, based on a number of assumptions. In addition, many uncertainties are inherent to the risk assessment process. Uncertainties associated with key site-related

variables and major assumptions used in this assessment in order to address their potential impact on the results are discussed in the following section.

6.1.4.1 Chemicals of Potential Concern

Sampling data collected at any unit are inevitably a limited subset of the nearly unlimited quantity of data that potentially could be collected. Because of this the results may be an underestimation of risk. On the other hand, samples were not collected randomly and may be biased toward overestimation of chemical concentrations representative of the unit.

Uncertainty also is inherent in the selection of COPCs. Uncertainty in contaminant identification is considered low because sampling protocol generally targets appropriate analytes based on historical information and guidance. Reasonable certainty also is assumed because of the sample data validation and quality assurance/quality control procedures applied to sample analysis and data evaluation. Eliminating contaminants in the COPC screening process can lead to lower estimates of potential health effects than inclusion of all analytes. However, other than essential human nutrients, the only chemicals excluded from the risk assessment were those detected at concentrations less than two times mean background concentrations.

6.1.4.2 Exposure Assessment

Factors that can contribute to uncertainty in the exposure assessment include identification of exposure pathways; assumptions for scenario development, intake parameters, exposure pathways; and derivation of exposure point concentrations.

The identification of potential exposure pathways and receptors was based on site-specific, reasonable, current and hypothetical future residential land uses. The residential scenario may overestimate potential risk for the future land use scenario if the Grace Road remains industrial.

Values assumed for exposure parameters (e.g., inhalation rate and exposure frequency) used in calculations of intakes were based primarily on EPA guidance (EPA, 1990 and 1991b). These assumptions might result in underestimating or overestimating the intakes

calculated for specific receptors, depending on the accuracy of the assumptions relative to actual unit conditions and uses. In the case of dermal exposure, there is uncertainty associated with the conversion from an administered intake to an absorbed dose because of uncertainty associated with the conversion factors.

Exposure point concentrations for airborne particulates were derived for the future land use scenario through the use of a model. The suspension of particulates was modeled following Milham et al. (1975), who studied resuspension of plutonium from an old field converted to agriculture specifically for the purposes of the study. Since none of the scenarios considered in this risk assessment involve the high degree of soil disturbance associated with agriculture, the value chosen is conservative and unit specific.

6.1.4.3 Toxicity Assessment

Uncertainty is inherent in the toxicity values utilized in evaluating the carcinogenic and noncarcinogenic risks. Such uncertainty is chemical-specific and is incorporated into the toxicity value during its development. For example, an uncertainty factor may be applied for interspecies and intrahuman variability, for extrapolation from subchronic to chronic exposures, or for epidemiological data limitations. Application of uncertainty factors is expected to overestimate risks.

Toxicity information was not available for dermal exposure; hence, several assumptions were made which may overestimate or underestimate risk.

6.1.4.4 Risk Characterization

Uncertainties in the toxicity assessment are compounded under the assumption of dose additivity for multiple substance exposure. This assumption ignores possible synergisms and antagonisms among chemicals. The assumption that all the toxic and carcinogenic effects are additive could result in the underestimation of risk because concurrent exposure to several contaminants might have synergistic toxic effects (e.g., exposure to two metals concurrently might induce a greater toxic effect than indicated by simply adding the toxic effects from each metal). However, summing risks for chemicals having

various weight-of-evidence classifications as well as toxic effects to different target organs and ignoring possible antagonistic effects of some chemicals may overestimate risks.

6.2 Ecological Assessment

The ecological information base for Grace Road Unit consists of a unit-specific threatened, endangered and sensitive species survey and a unit-specific ecological reconnaissance. Additional information is contained in the existing unit history, preliminary unit evaluation, and unit characterization data. These informational sources form the basis for this characterization. That information can be summarized as follows:

- There is no evidence of vegetation stress or ecological impact related to the unit;
- There are no threatened or endangered species known to exist at or in the vicinity of the unit;
- Review of the unit characterization data indicates that there are no constituents in the physical media analyzed at Grace Road which are significantly different from the unit specific background condition.

Based on the physical and analytical data obtained for this unit, there appears to be no compelling evidence that waste materials were managed or disposed at Grace Road. Therefore, it is reasonable to conclude that the unit, as it is currently characterized, presents no significant ecological risk. A further detailed ecological risk assessment and characterization would not be warranted at this time.

7.0 SUMMARY AND CONCLUSION

7.1 Summary

An analysis of data collected as a result of the studies performed at Grace Road indicates that there is no significant risk due to known contamination at that unit. Of the COPCs identified in the risk assessment (see Table 1-3), only arsenic exceeded a risk of $1.0\text{E-}06$ and it is calculated to be $3.8\text{E-}05$. Arsenic detected in the unit specific samples had a maximum concentration of 3.2 mg/kg . The calculated risk for arsenic is summarized in Table C-1 in Appendix C. The equations and input parameters used to determine the risk/hazard are also located in Appendix C.

The SRS site wide values for arsenic range from $< 0.5\text{ mg/kg}$ to 15.2 mg/kg with a median of $< 2.0\text{ mg/kg}$. It should also be noted that arsenic was used as a component of agricultural chemicals in the period before SRS existed. Thus, the detected values may be a result of farming activities in the 1930's and 40's.

In addition, it is also reasonable to conclude that there is no significant ecological risk due to known contamination at the unit.

7.2 Conclusion

Based on the review of the analytical data and screening techniques used to evaluate all the chemicals of potential concern at Grace Road, it is recommended that no further remedial action be performed at this unit.

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APPENDIX A

TECHNICAL MEMORANDA ON FIELD ACTIVITIES

- Appendix A.1 Ground Penetrating Radar Survey**
- Appendix A.2 Gross Alpha and Non-Volatile Beta Analyses**
- Appendix A.3 Soil Gas Survey Analyses**

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APPENDIX A.1
GROUND PENETRATING RADAR SURVEY

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Final Report

GROUND PENETRATING RADAR INVESTIGATIONS

at the

GRACE ROAD WASTE SITE

SAVANNAH RIVER SITE

April, 1994

G.Boyd Sexton
Robert J. Pirkle

Task 49
Subcontract #AA38232N

EXECUTIVE SUMMARY

Ground penetrating radar surveys were executed at the Grace Road Waste Site on March 20 and April 12, 1994 for the purpose of determining the presence of buried waste and debris and to identify the areas of excavation if present. Historical information indicates the presence of foundations, buildings and large amounts of debris at various locations within the waste site.

A total of 53 lines of GPR data, totaling 12,879 feet, were acquired. Fifteen lines totaling 3218 feet were acquired March 20, 1994. Thirty-eight additional lines totaling 9661 feet were acquired April 12, 1994. Much of the data suggests the presence of undisturbed sediments, but as expected around old building pads metallic objects and other debris were indicated.

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I. INTRODUCTION

Ground Penetrating Radar (GPR) surveys were run at the Grace Road Waste Site for the purpose of identifying evidence of excavation and determining areas where buried waste and other debris may be found. A total of 53 lines totaling 12,879 feet were acquired on March 20 and April 12, 1994, as shown on Figures 1 and 1A and listed on Table 1. Lines acquired with a 100 MHz antenna, 200 ns range are shown on Figure 1 and lines acquired with the 300 MHz. antenna are shown on Figure 1A.

The line spacing interval varies from 25 feet to 50 feet dependent upon obstacles encountered during the survey. A grid was laid out in approximately north-south, east-west directions to determine locations of GPR transects. All lines are plotted in the same direction to aid in visualization and interpretation even though acquired differently in the field. The acquisition direction for each line is indicated on the base map (Figure 1).

II. BACKGROUND AND OBSERVATIONS

The Grace Road Waste Site is approximately 1100 X 350 feet in size. The site is sporadically overgrown with dense trees and brush which hinder GPR data acquisition. The surface condition of the site was generally good for GPR investigations except for the trees and brush.

The weather during field acquisition was warm and there was no rainfall. Personnel on-site during data acquisition were Boyd Sexton and Ken Grace.

III. ACQUISITION AND PROCESSING PARAMETERS

The equipment and software used in the acquisition and processing of the GPR data are listed on Table 2.

IV. RESULTS

The results of the GPR surveys at the Grace Road Waste Site are shown on Figures 3 - 55. A sample GPR section with labeled interpretive information is shown on Figure 2. A typical signature of an area of disturbed soil is labeled so that similar anomalous areas on the actual lines presented on Figures 3 - 55 can be easily recognized. The horizontal scale, vertical time scale, and maximum depth of penetration are also shown on each line. The radar velocity in this area is 6-7 ns per foot.

The 100 MHz data on Lines 1 - 38 (Figures 3-40) are displayed in the north-south, east-west direction and the 300 MHz data on Lines 1 - 15 (Figures 41-55) are displayed in the same format. An instrument problem occurred on March 20 as Line 15 was being acquired. Evidence of the problem is apparent on the displayed section. The problem was corrected and the survey was completed on April 12.

The exact location of each individual line is displayed on the base maps (Figures 1 and 1A). In the field, successive lines were acquired in alternating directions, however alternating lines were reversed in processing to aid in viewing and interpretation.

Using the most shallow continuous reflector as the presence of undisturbed or natural soil, the area and depth of excavation can be judged on each section. The same interpretive reasoning can be applied to both 100 and 300 MHz data. Several prominent refractions, characterized by high amplitude hyperbolas are indicative of buried metallic objects.

V. CONCLUSIONS

The areas surveyed yielded good data quality. The 100 MHz data yielded deeper penetration than the 300 MHz data. Several plots have strong refractions indicating buried metallic objects. Disturbed soil is present around some of the old building pads and may indicate excavation in removing the buildings and/or buried debris.

TABLE #1
GRACE ROAD WASTE SITE
TABLE OF COORDINATES, BEARINGS, AND DISTANCES

	NAME	X EASTING	Y NORTHING	DEGREES	DISTANCE	LINE
START	1	38070	84416	S 24.999582 E	258	1
END	1	38177	84188			
START	2	38011	84431	S 24.445083 E	301	2
END	2	38133	84164			
START	3	37939	84466	S 24.546272 E	412	3
END	3	38107	84100			
START	4	37808	84626	S 24.744586 E	620	4
END	4	38060	84082			
START	5	37830	84637	S 24.826471 E	602	5
END	5	38082	84091			
START	6	37787	84616	S 24.222003 E	200	6
END	6	37869	84433			
START	7	38049	84406	S 24.712047 E	309	7
END	7	38154	84177			
START	8	37981	84431	S 24.683276 E	353	8
END	8	38128	84110			
START	9	38069	84415	S 65.211214 W	153	9
END	9	37930	84351			
START	10	38090	84369	S 65.30776 W	157	10
END	10	37955	84307			
START	11	38079	84393	S 63.967997 W	149	11
END	11	37945	84328			
START	12	38111	84325	S 64.741486 W	158	12
END	12	37976	84261			
START	13	38133	84279	S 65.481086 W	176	13
END	13	37996	84217			
START	14	38154	84234	S 65.267654 W	229	14
END	14	38015	84170			
START	15	38174	84188	S 64.718817 W	154	15
END	15	38038	84124			
START	16	38166	84214	S 64.71065 W	154	16
END	16	38027	84148			
START	17	38117	84132	S 63.948862 W	73	17
END	17	38052	84100			
START	18	38104	84100	S 65.003746 W	60	18
END	18	38058	84078			
START	19	37901	84667	S 66.04799 W	150	19
END	19	37764	84606			
START	20	37912	84646	S 64.423756 W	152	20
END	20	37775	84581			
START	21	37920	84622	S 65.317348 W	252	21
END	21	37694	84518			
START	22	37609	84699	S 24.818261 E	200	22
END	22	37693	84518			

		TABLE #1 100 MHz Data (Con't)					
		X	Y	DEGREES		DISTANCE	LINE
NAME		EASTING	NORTHING				
START	23	37746	84762	S 25.77069 E		59	23
END	23	37769	84715				
START	24	37748	84763	S 65.189362 W		200	24
END	24	37567	84680				
START	25	37504	84816	S 24.47011 E		151	25
END	25	37567	84680				
START	26	37640	84877	S 65.248457 W		149	26
END	26	37504	84815				
START	27	37822	84963	S 65.536509 W		153	27
END	27	37685	84900				
START	28	37818	84906	S 65.406878 W		144	28
END	28	37708	84856				
START	29	37710	84966	S 24.468533 E		150	29
END	29	37772	84829				
START	30	37687	84955	S 23.732431 E		151	30
END	30	37748	84816				
START	31	37732	84976	S 25.023992 E		151	31
END	31	37796	84839				
START	32	37739	85144	S 24.218219 E		200	32
END	32	37821	84961				
START	33	37739	85145	S 65.122437 W		304	33
END	33	37463	85017				
START	34	37577	85013	S 66.14181 W		111	34
END	34	37484	84972				
START	35	37597	84969	S 65.046984 W		102	35
END	35	37506	84926				
START	36	37510	85040	S 24.374483 E		250	36
END	36	37614	84812				
START	37	37752	85148	S 23.391745 E		1131	37
END	37	38201	84110				
START	38	37977	84372	S 17.26629 E		983	38
END	38	37722	85195				

		TABLE #1 300 MHz DATA					
		X	Y	DEGREES		DISTANCE	LINE
NAME		EASTING	NORTHING				
START	1	38176	84189	S 65.363936 W		181	1
END	1	38038	84126				
START	2	38153	84235	S 65.075532 W		214	2
END	2	38017	84172				
START	3	38134	84280	S 64.797668 W		212	3
END	3	38043	84237				
START	4	38127	84333	S 64.296991 W		181	4
END	4	38023	84283				
START	5	38091	84372	S 64.022653 W		130	5
END	5	37983	84319				

TABLE #1 300 MHz Data (Con't)							
		X	Y	DEGREES		DISTANCE	LINE
	NAME	EASTING	NORTHING				
START	6	38068	84416	S 64.594744 W		132	6
END	6	37935	84353				
START	7	38050	84461	S 64.833551 W		119	7
END	7	37958	84418				
START	8	37914	84399	S 24.565687 E		368	8
END	8	38060	84080				
START	9	37938	84465	S 24.784272 E		455	9
END	9	38106	84103				
START	10	38025	84395	S 24.681589 E		313	10
END	10	38150	84124				
START	11	38064	84433	S 24.458292 E		269	11
END	11	38196	84144				
START	12	37894	84445	N 24.731694 W		206	12
END	12	37810	84628				
START	13	37854	84648	S 25.16938 E		76	13
END	13	37877	84599				
START	14	37901	84668	S 23.503584 E		52	14
END	14	37921	84622				
START	15	37900	84668	S 65.440053 W		310	15
END	15	37671	84564				

TOTAL FOOTAGE 100 MHz Data	9661
TOTAL FOOTAGE 300 MHz DATA	3218
TOTAL FOOTAGE IN SURVEY	12879

Table 2
Acquisition and Processing Parameters
at the
Grace Road Waste Site

Date Data Acquired	3/20/94 & 4/12/94
Instrument Type	GSSI (SIR 10) S/N 1158
Antenna Type	100 & 300 MHz
Calibration Numbers	Supplied by GSSI PG-90-177 Version 2.05 Max 141 Min 20 Diff 121
Post Processing Software	GSSI (RADANIII)
Range	200 & 150 ns
Start Position	-10 ns
End Position	180 & 140 ns
Survey Wheel	129.74 ticks/foot
Scans/Foot	4
Samples/Scan	512
Transmit Pulse Rate	50 KHz
Vertical IIR Low Pass Filter	N=2 F=80
Vertical IIR High Pass Filter	N=2 F=11
Horizontal Low Pass Filter	TC=0
Scans/Meter	13.1234
Marks/Meter (on plot)	approximately 5 meters/mark

Figure

Figure 1

1 Created Apr 12, 1994 08:53 Modified Apr 12, 1994 15:16
512 samples/scan 49.984 scans/sec position: -20 ns range: 200 ns
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
VANNAH RIVER SITE

Figure 3

Figure

FER Created Apr 12, 1994 11:20 Modified Apr 21, 1994 15:27
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
SAVANNAH RIVER SITE

Created Apr 12, 1994 08:59 Modified Apr 12, 1994 15:16
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
WANNAH RIVER SITE

Figure 4

3 Created Apr 12,1994 09:03 Modified Apr 12,1994 15:16
512 samples/scan 49.984 scans/sec position: -20 ns range: 200 ns
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

Figure 5

4 Created Apr 12, 1996 09:31 Modified Apr 12, 1996 13:16
512 samples/scan 49,984 scans/sec position: -20 ns range: 200 ns
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
SAVANNAH RIVER SITE

Figure 6

Created Apr 12, 1994 10:17 Modified Apr 12, 1994 15:16
512 samples/scan 49.984 scans/sec position: -20 ns range: 200 ns
Vert. IIR low pass N=2 P=40
Vert. IIR high pass N=2 P=5

GRACE ROAD WASTE SITE
SAVANNAH RIVER SITE

Figure 7

6 Created Apr 12,1994 10:29 Modified Apr 12,1994 15:17
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

Figure 8

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

7 Created Apr 12, 1994 10:32 Modified Apr 12, 1994 15:17
512 samples/scan 49.984 scans/sec position: -20 ns range: 200 ns
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

Figure 9

8 Created Apr 12,1994 10:38 Modified Apr 12,1994 15:17
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

TRACE ROAD WASTE SITE
VANNAH RIVER SITE

Figure 10

9 Created Apr 12,1994 10:47 Modified Apr 12,1994 15:17
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
(VANNAH RIVER SITE

Figure 11

10 Created Apr 12,1994 10:50 Modified Apr 12,1994 15:17
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
.VANNAH RIVER SITE

Figure 12

11 Created Apr 12,1994 10:52 Modified Apr 12,1994 15:18
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
VANNAH RIVER SITE

Figure 1

12 Created Apr 12, 1994 10:55 Modified Apr 12, 1994 15:18
512 samples/scan 49.984 scans/sec position: -20 ns range: 200. ns
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
VANNAH RIVER SITE

Figure 14

13 Created Apr 12,1994 10:57 Modified Apr 12,1994 15:18
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
(VANNAH RIVER SITE

Figure 1

14 Created Apr 12, 1994 10:59 Modified Apr 12, 1994 15:18
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
VANNAH RIVER SITE

Figure 1

15 Created Apr 12,1994 11:02 Modified Apr 12,1994 15:18
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

Fig 1

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

16 Created Apr 12,1994 11:04 Modified Apr 12,1994 15:18
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
JAVANNAH RIVER SITE

Figure 18

17 Created Apr 12,1994 11:05 Modified Apr 12,1994 15:18
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
JAVANNAH RIVER SITE

Figure

18 Created Apr 12, 1994 11:07 Modified Apr 12, 1994 15:18
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

Figure 20

19 Created Apr 12, 1994 11:13 Modified Apr 12, 1994 15:18
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

Figure 21

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

20 Created Apr 12,1994 11:15 Modified Apr 12,1994 15:19
512 samples/scan 49.984 scans/sec position: -20 ns range: 200 ns
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

Figure 22

TRACE ROAD WASTE SITE
JAVANNAH RIVER SITE

21 Created Apr 12, 1994 11:17 Modified Apr 12, 1994 15:19
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
SAVANNAH RIVER SITE

Figure 23

44 Created Apr 12, 1994 11:20 Modified Apr 12, 1994 15:19
512 samples/scan 49.984 scans/sec position: -20 ns range: 200 ns
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
JAVANNAH RIVER SITE

Figure 24

23 Created Apr 12,1994 11:23 Modified Apr 12,1994 15:19
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

Figure 25

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

24 Created Apr 12, 1994 11:24 Modified Apr 12, 1994 15:19
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

Figure 426

25 Created Apr 12,1994 11:27 Modified Apr 12,1994 15:19
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

Figure 27

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

26 Created Apr 12, 1994 11:29 Modified Apr 12, 1994 15:19
512 samples/scan 49.984 scans/sec position: -20 ns range: 200 ns
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
JAVANNAH RIVER SITE

Figure 28

27 Created Apr 12, 1994 11:32 Modified Apr 12, 1994 15:19
512 samples/scan 49.984 scans/sec position: -20 ns range: 200 ns
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

TRACE ROAD WASTE SITE
JAVANNAH RIVER SITE

Figure 29

28 Created Apr 12, 1994 11:35 Modified Apr 12, 1994 15:20
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

Figure 30

29 Created Apr 12,1994 11:37 Modified Apr 12,1994 15:20
512 samples/scan 49.984 scans/sec position: -20 ns range: 200 ns
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

Figure 31

30 Created Apr 12,1994 11:39 Modified Apr 12,1994 15:20
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

Figure 32

GRACE ROAD WASTE SITE
SAVANNAH RIVER SITE

31 Created Apr 12, 1994 11:40 Modified Apr 12, 1994 15:20
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
SAVANNAH RIVER SITE

Figure (

32 Created Apr 12, 1994 11:43 Modified Apr 12, 1994 15:20
512 samples/scan 49.984 scans/sec position: -20 ns range: 200 ns
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

Figure 34

33 Created Apr 12, 1994 11:44 Modified Apr 12, 1994 15:20
512 samples/scan 49.984 scans/sec position: -20 ns range: 200 ns
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

Figure 7

34 Created Apr 12, 1994 11:48 Modified Apr 12, 1994 15:20
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
JAVANNAH RIVER SITE

Figure 36

35 Created Apr 12, 1994 11:49 Modified Apr 12, 1994 15:20
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

Figure 7

36 Created Apr 12, 1994 11:53 Modified Apr 12, 1994 15:21
512 samples/scan 49.984 scans/sec position: -20 nS range: 200 nS
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
SAVANNAH RIVER SITE

Figure 38

37 Created Apr 12, 1994 11:58 Modified Apr 12, 1994 15:21
512 samples/scan 49.984 scans/sec position: -20 ns range: 200 ns
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

TRACE ROAD WASTE SITE
AVANNAH RIVER SITE

Figure 3

A.1-58

Figure 39 continued

38 Created Apr 12, 1994 12:09 Modified Apr 12, 1994 15:21
512 samples/scan 49.984 scans/sec position: -20 ns range: 200 ns
Vert. IIR low pass N=2 F=40
Vert. IIR high pass N=2 F=5

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

Figure 40

Figure 40 continued

40 cont

1 Created Mar 20, 1994 09:26 Modified Mar 20, 1994 18:04
512 samples/scan 30.0019 scans/sec position: -10 nS range: 150 nS
Vert. IIR low pass N=2 F=80
Vert. IIR high pass N=2 F=11

Figure 4

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

2 Created Mar 20,1994 09:29 Modified Mar 20,1994 18:04
512 samples/scan 30.0019 scans/sec position: -10 nS range: 150 nS
Vert. IIR low pass N=2 F=80
Vert. IIR high pass N=2 F=11

Figure 42

GRACE ROAD WASTE SITE
JAVANNAH RIVER SITE

Created Mar 20, 1994 09:31 Modified Mar 20, 1994 18:04
512 samples/scan 30.0019 scans/sec position: -10 nS range: 150 nS
Vert. IIR low pass N=2 F=80
Vert. IIR high pass N=2 F=11

Figure 4

GRACE ROAD WASTE SITE
SAVANNAH RIVER SITE

4 Created Mar 20,1994 09:33 Modified Mar 20,1994 18:05
512 samples/scan 30.0019 scans/sec position: -10 nS range: 150 nS
Vert. IIR low pass N=2 F=80
Vert. IIR high pass N=2 F=11

Figure 44

GRACE ROAD WASTE SITE
SAVANNAH RIVER SITE

5 Created Mar 20,1994 09:35 Modified Mar 20,1994 18:05
512 samples/scan 30.0019 scans/sec position: -10 nS range: 150 nS
Vert. IIR low pass N=2 F=80
Vert. IIR high pass N=2 F=11

GRACE ROAD WASTE SITE
SAVANNAH RIVER SITE

Figure

6 Created Mar 20,1994 09:37 Modified Mar 20,1994 18:05
512 samples/scan 30.0019 scans/sec position: -10 nS range: 150 nS
Vert. IIR low pass N=2 F=80
Vert. IIR high pass N=2 F=11

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

Figure 4

7 Created Mar 20,1994 09:38 Modified Mar 20,1994 18:05
512 samples/scan 30.0019 scans/sec position: -10 nS range: 150 nS
Vert. IIR low pass N=2 F=80
Vert. IIR high pass N=2 F=11

GRACE ROAD WASTE SITE
(AVANNAH RIVER SITE

Figure 47

8 Created Mar 20, 1994 09:44 Modified Mar 20, 1994 18:05
512 samples/scan 30.0019 scans/sec position: -10 ns range: 150 ns
Vert. IIR low pass N=2 F=80
Vert. IIR high pass N=2 F=11

GRACE ROAD WASTE SITE
SAVANNAH RIVER SITE

Figure 48

Created Mar 20, 1994 09:48 Modified Mar 20, 1994 18:05
512 samples/scan 30.0019 scans/sec position: -10 ns range: 150 ns
Vert. IIR low pass N=2 F=80
Vert. IIR high pass N=2 F=11

GRACE ROAD WASTE SITE
SAVANNAH RIVER SITE

Figure 4

10 Created Mar 20, 1994 09:52 Modified Mar 20, 1994 18:05
512 samples/scan 30.0019 scans/sec position: -10 nS range: 150 nS
Vert. IIR low pass N=2 F=80
Vert. IIR high pass N=2 F=11

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

Figure 1

11 Created Mar 20,1994 09:55 Modified Mar 20,1994 18:06
512 samples/scan 30.0019 scans/sec position: -10 nS range: 150 nS
Vert. IIR low pass N=2 F=80
Vert. IIR high pass N=2 F=11

GRACE ROAD WASTE SITE
(SAVANNAH RIVER SITE

Figure 5:
(

12 Created Mar 20,1994 09:59 Modified Mar 20,1994 18:06
512 samples/scan 30.0019 scans/sec position: -10 nS range: 150 nS
Vert. IIR low pass N=2 F=80
Vert. IIR high pass N=2 F=11

Figure 52

GRACE ROAD WASTE SITE
JAVANNAH RIVER SITE

13 Created Mar 20,1994 10:02 Modified Mar 20,1994 18:06
512 samples/scan 30.0019 scans/sec position: -10 nS range: 150 nS
Vert. IIR low pass N=2 F=80
Vert. IIR high pass N=2 F=11

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

Figure

14 Created Mar 20,1994 10:07 Modified Mar 20,1994 18:06
512 samples/scan 30.0019 scans/sec position: -10 nS range: 150 nS
Vert. IIR low pass N=2 F=80
Vert. IIR high pass N=2 F=11

GRACE ROAD WASTE SITE
AVANNAH RIVER SITE

Figure 5

15 Created Mar 20, 1994 10:09 Modified Mar 20, 1994 18:06
512 samples/scan 30.0019 scans/sec position: -10 nS range: 150 nS
Vert. IIR low pass N=2 F=80
Vert. IIR high pass N=2 F=11

GRACE ROAD WASTE SITE
SAVANNAH RIVER SITE

Figure 5:

APPENDIX A.2
GROSS ALPHA AND NON-VOLATILE BETA ANALYSES

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DON'T JUST SAY IT -- WRITE IT

WESTINGHOUSE SAVANNAH RIVER COMPANY
Environmental Restoration-WASTE SITES

INTER-OFFICE MEMORANDUM
SW-ER-94-0161

MAY 12, 1994

TO: JOHN KUHNS

FROM: HOWARD HICKEY, 992-4W, 644-1802
SANDRA SMITH, 992-4W, 644-1815

RE: DESCRIPTION OF ADDITIONAL SAMPLING AT GRACE ROAD WASTE UNIT

PER OUR CONVERSATIONS AND WALKDOWN, THE FOLLOWING IS A DESCRIPTION OF THE ADDITIONAL SAMPLING AND ANALYSES FOR THE GRACE ROAD WASTE UNIT, PER DHEC COMMENTS:

ADDITIONAL SAMPLING WILL BE DONE AT THE GRACE ROAD WASTE UNIT USING A HAND AUGER AT THE TWO SAMPLE LOCATIONS IDENTIFIED ON THE ATTACHED MAP. ADDITIONAL SAMPLING WILL ALSO BE DONE AT FIVE DISCRETE SURFACE SAMPLING LOCATIONS THAT WILL BE IDENTIFIED AT A LATER DATE.

THE SAMPLES WILL BE ANALYZED BY GEL, AN OFFSITE LABORATORY. THE ANALYSES WILL CONSIST OF APPROXIMATELY 15 GROSS ALPHA AND NON-VOLATILE BETA ANALYSIS. TWO SOIL SAMPLES WILL BE PROVIDED TO BE USED FOR BLANKS. FOR ESTIMATING PURPOSES ONLY, FIVE ALPHA SCANS WILL BE DONE.

ATTACHED YOU WILL FIND A CHART LISTING THE SAMPLE LOCATIONS, IDENTIFICATION NUMBERS, DEPTH AND ANALYSES TO BE PERFORMED. ALSO ATTACHED IS A LISTING OF THE NATURALLY OCCURRING ALPHA EMITTERS TO BE ANALYZED FOR, IF THE ALPHA SCANS ARE NECESSARY.

PLEASE SEND US A COST ESTIMATE FOR THE WORK ON THIS PROJECT AS SOON AS YOU REVIEW THE ABOVE INFORMATION AND THE ATTACHED CHARTS AND MAP.

CC: ER FILES, 992-4W

NATURALLY OCCURRING ALPHA EMITTERS

THORIUM SERIES

THORIUM 232

THORIUM 228

RADIUM 224

RADON 220

POLONIUM 216

ASTATINE 216

BISMUTH 212

POLONIUM 212

URANIUM SERIES

URANIUM 238

URANIUM 234

THORIUM 230

RADIUM 226

RADON 222

POLONIUM 218

ASTATINE 218

BISMUTH 214

POLONIUM 214

POLONIUM 210

GRACE ROAD ADDITIONAL SAMPLING AND ANALYSES

<u>LOCATION</u>	<u>SAMPLE ID</u>	<u>DEPTH</u>	<u>ANALYSES</u>
GRS 10	GRS-15-01	0-1 FT.	GROSS ALPHA/NON-VOLATILE BETA
GRS 10	GRS-15-02	~ 5 FT.	GROSS ALPHA/NON-VOLATILE BETA
GRS 10	GRS-15-03	~10 FT.	GROSS ALPHA/NON-VOLATILE BETA
GRS 10	GRS-15-04	~15 FT.	GROSS ALPHA/NON-VOLATILE BETA
GRS 10	GRS-15-05	~20 FT.	GROSS ALPHA/NON-VOLATILE BETA
GRS 08	GRS-16-01	0-1 FT.	GROSS ALPHA/NON-VOLATILE BETA
GRS 08	GRS-16-02	~5 FT.	GROSS ALPHA/NON-VOLATILE BETA
GRS 08	GRS-16-03	~10 FT.	GROSS ALPHA/NON-VOLATILE BETA
GRS 08	GRS-16-04	~15 FT.	GROSS ALPHA/NON-VOLATILE BETA
GRS 08	GRS-16-05	~20 FT.	GROSS ALPHA/NON-VOLATILE BETA
DISCRETE #1	GRS-17-01	0-1 FT.	GROSS ALPHA/NON-VOLATILE BETA
DISCRETE #2	GRS-18-01	0-1 FT.	GROSS ALPHA/NON-VOLATILE BETA
DISCRETE #3	GRS-19-01	0-1 FT.	GROSS ALPHA/NON-VOLATILE BETA
DISCRETE #4	GRS-20-01	0-1 FT.	GROSS ALPHA/NON-VOLATILE BETA
DISCRETE #5	GRS-21-01	0-1 FT.	GROSS ALPHA/NON-VOLATILE BETA
SOIL BLANK #1	GRS-22-01		GROSS ALPHA/NON-VOLATILE BETA
SOIL BLANK #2	GRS-23-01		GROSS ALPHA/NON-VOLATILE BETA

*If gross alpha exceeds 20 pCi/g, then perform alpha scan.

*Expected range for gross alpha/non-volatile beta is 0-25 pCi/g.

SAMPLE MANAGEMENT PROGRAM

WESTINGHOUSE SAVANNAH RIVER COMPANY
INTER-OFFICE MEMORANDUM

SMP-JCC-94109cF

Date: September 29, 1994
TO: Sandra B. Smith, 992-4W
From: JDC Crawford, 730-1M, 5-7482

Job 94109c

Attached are the results reported by General Engineering Laboratories (GEL) for the analysis of your samples for Job 94109c.

Your hard copy report is considered the official record. It is your responsibility to file this report in the appropriate place for your future reference. The Sample Management Program will store a copy of this report for one year.

The Sample Management Program has not interpreted any data found in this report for regulatory purposes. You should contact your Environmental Coordinator or technical support personnel for any regulatory interpretations of the data.

Attachments:
SMP Job Log Sheet
Report

Approved By:

Bernard Now for RPK
Robert P. Kemmerlin/ Sample Management Program Section

JOB # 94109

JOB LOG SHEET (U)

Rev.6, 6-29-93

DATE 4/26/94

CONTACT	(Organization Code / Activity Code) K14082000		Validated	DEPARTMENT	ADDRESS	PHONE	BEEPER			
Customer	SANDRA SMITH			ER		4-1815				
iate	HOWARD HICKEY			ER						
UCON / HPO										
HMTR										
Industrial Hyg.										
Results To:										
Description of Material:	SOIL SAMPLE									
History of Material:	GRACE ROAD SITE									
Location of Material:	GRACE RD. B AREA		☒ CLEAN AREA	☐ RCA	☐ SATELLITE AREA	☐ STAGING AREA				
Container Info:	Number of:	Size/Volume:	Condition of:	Bung Top	Open Top	Overpacked?				
	TBD	TBD	N/A			☐ YES ☐ NO				
Material Destination:	☐ POWER	☐ WMO	☐ CIF	☒ OTHER:	TBD	MSDS available?	☐ YES ☒ NO			
Clearance needed:	☐ Q ☒ L	Training Needed:	☐ OSHA ☒ RCRA	☐ FACILITY SPECIFIC	☒ OTHER:	TBD				
Special Protective equipment/clothing requirements:	SEE ASAP/WCP									
Previous sample analysis information:										
Collected by:	Date:	Analyzed by:	Analysis requested:	Sample number:	Results					
Perform analysis:	Rad Screening:	☐ SRTC ☐ 320-M	Characterization:	☐ SRTC ☒ GE	☐ CTC	☐ TMA	☐ Weston ☐ Other			
Contract for characterization analysis:	☐ SRTC	☐ Power	☐ S&S	☐ AL	☐ Other					
Analysis requested:										
☐ RAD SCREEN	Flash Point	☐	Total Halogens	☐	PCB'S	TOTAL METALS(Specify):				
☐ TCLP	pH	☐	Pesticides	☐	TOC	TCLP METALS(Specify):				
☐ BTEX	Density	☐	Herbicides	☐	VOA	☒	Gross Alpha			
☐ TPH	Solids	☐	% Moisture	☐	VOC	☒	Gross Non-Vol. Beta			
90 Day Clock Involved?	☐ YES ☒ NO	DATE START:			DATE END:					
Sample Type	Date Sampled	Number of Man-hrs	Sampled By	Date Submitted to Lab	Submitted By	Date of Analysis Receipt	Received By	Date Analysis Sent to Customer	Sent By	
Screening			N/A		N/A					
Characterization	7/5/94		WCJ/GDP	7/7/94	GDP	07/12/94	JDCC	07/14/94	JDCC	
Characterization	8/15/94		GDP	8/17/94	HWD	09/19/94	JDCC*	09/29/94	JDCC*	
Misc. Charges	4/27/94	5.0	JDK			09/21/94	JDCC*	09/29/94	JDCC*	
Comments:	PRE-JOB MEETING FRIDAY APRIL 29, 1994 9AM 4/27/94 JDK. Faxed copy of request to Jeff Griffin. 5/31/94 JDK. Contacted Survey Group on 6/1/94 about providing survey support 6/3/94 JDK. The results were faxed, verified and sent to the customer 7/14/94 JDCC HARD COPY REPORT RECEIVED & SENT TO CUSTOMER 7/21/94 (RPK) THE REMAINDER OF THE CHARACTERIZATION WAS SAMPLED ON 8/17/94 BY GDP AND SUBMITTED TO THE LAB BY GDP ON 8/18/94									
Approved by:	(Printed name)				(Signature)				DATE	TIME
Record Validated by:	(Printed name)				(Signature)				DATE	TIME

Explanation of Terms and Symbols

The following terms and symbols may be used in reports of analytical data:

Quantities

BTU	Units of heat content expressed in <u>British Thermal Units</u>
°C or °F	Units of temperature expressed in degrees <u>Celsius</u> or degrees <u>Fahrenheit</u>
<	Indicates the measured value is <u>less than</u> the reported value
>	Indicates the measured value is <u>greater than</u> the reported value
NTU	Units of turbidity expressed as <u>Nephelometric Turbidity Units</u>

Concentrations

$\mu\text{mhos/cm}$	Units of specific conductance expressed in <u>micromhos per centimeter</u>
pCi/L	Units of radioactivity expressed as <u>picocuries per liter</u>
mg/Kg, mg/L	Units of concentration in milligrams per kilogram for solids and milligrams per liter for liquids. Also referred to as <u>Parts Per Million</u> or "ppm" when the assumption can be made that the specific gravity is one (density = 1 gm/ml).
$\mu\text{g/Kg}$, $\mu\text{g/L}$	Units of concentration in micrograms per kilogram for solids and micrograms per liter for liquids. Also referred to as <u>Parts Per Billion</u> or "ppb" when the assumption can be made that the specific gravity is one (density = 1 gm/ml).
ml/m^3	Units of concentration in milliliters per cubic meter for gases. Also referred to as <u>Parts Per Million</u> or "ppm."
vol%	Units of concentration expressed on a volume/volume basis (e.g., liters per 100 liters)
wt%	Units of concentration expressed on a weight/weight basis (e.g., grams per 100 grams)

Bacteriological

MPN	Units of bacteriological results expressed as <u>Most Probable Number</u>
TNTC	Units of bacteriological results expressed as <u>Too Numerous To Count</u>

WARRANTY AND LIMITATIONS OF LIABILITY

THE ACCURACY OF ALL ANALYTICAL RESULTS IS WARRANTED FOR THE SAMPLE AS IT IS RECEIVED BY THE LABORATORY. WARRANTY FOR THE INTEGRITY OF THE SAMPLE BEGINS AT THE TIME IT IS PLACED IN THE POSSESSION OF AUTHORIZED GENERAL ENGINEERING LABORATORIES PERSONNEL. ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, ARE DISCLAIMED. LIABILITY IS LIMITED TO THE COST OF THE ANALYSIS.

CASE NARRATIVE REPORT
for
Westinghouse Savannah River Site
Subcontract No. AB23504N
94109c

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September 20, 1994

Laboratory Identification:

General Engineering Laboratories, Inc.

For Samples Received:

August 17, 1994

Sample Identification:

GRS-15-01	Lab Number: 9408337-01
GRS-15-02	Lab Number: 9408337-02
GRS-15-03	Lab Number: 9408337-03
GRS-15-04	Lab Number: 9408337-04
GRS-15-05	Lab Number: 9408337-05

Methods Used

Gross Alpha	EPA 9310
Nonvolatile Beta	EPA 9310

Quality Control Issues

1. Samples were received in certified bottles provided by SRS, not certified bottles provided by GEL.
2. The temperature of the samples at arrival was 6°C. There are no cited preservation requirements for radiochemistry in a soil matrix.
3. There are no bottle identification numbers entered in LIMS.
4. Results are reported on a dry weight basis.
5. Samples were scanned improperly.

Sample Disposal

GEL will dispose of all remaining sample residue in the proper manner in accordance with all applicable regulations and statutes.

fc: wsrc00194.081794.94109c

A.2-13

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Contact: Ms. Janet Crawford

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Page 1 of 1

Sample ID	: GRS-15-01
Lab ID	: 9408337-01
Matrix	: Soil
Date Collected	: 08/15/94
Date Received	: 08/17/94
Priority	: Routine
Collector	: Client

Parameter	Qualifier	Result Units	Method	Analyst	Date	Time
Organic Prep						
Evaporative Loss @ 105 C		3.00 wt%	EPA 3550	KJB	09/01/94	2330
Radiological						
98 Gross Alpha - 2 items						
Gross Alpha	<	5.00 PCG	+/- 1.58 EPA 9310	JDD	09/06/94	1259
Weight of Sample, A&B		6.70 mg				
99 Gross Beta (Non-volatile Beta) - 2 items						
Nonvolatile Beta	<	5.00 PCG	+/- 1.95			
Weight of Sample, A&B		6.70 mg				

Data reported in mass/mass units is reported as 'dry weight'.

This data report has been prepared and reviewed
in accordance with General Engineering Laboratories
standard operating procedures. Please direct
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Barbara L. Sign
Analytical Report Specialist

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Report Date: September 07, 1994

Page 1 of 1

Sample ID : GRS-15-02
Lab ID : 9408337-02
Matrix : Soil
Date Collected : 08/15/94
Date Received : 08/17/94
Priority : Routine
Collector : Client

Parameter	Qualifier	Result Units	Method	Analyst	Date	Time
Organic Prep						
Evaporative Loss @ 105 C		4.00 wt%	EPA 3550	KJB	09/01/94	2330
Radiological						
98 Gross Alpha - 2 items						
Gross Alpha	<	5.00 PCG	+/- 1.56 EPA 9310	JDD	09/06/94	1259
Weight of Sample, A&B		6.30 mg				
99 Gross Beta (Non-volatile Beta) - 2 items						
Nonvolatile Beta	<	5.00 PCG	+/- 1.72			
Weight of Sample, A&B		6.30 mg				

Data reported in mass/mass units is reported as 'dry weight'.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories standard operating procedures. Please direct any questions to your Project Manager, Edie Kent at (803) 769-7385.

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Analytical Report Specialist

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Sample ID : GRS-15-03
Lab ID : 9408337-03
Matrix : Soil
Date Collected : 08/15/94
Date Received : 08/17/94
Priority : Routine
Collector : Client

Parameter	Qualifier	Result Units	Method	Analyst	Date	Time
Organic Prep						
Evaporative Loss @ 105 C		15.0 wt%	EPA 3550	KJB	09/01/94	2330
Radiological						
98 Gross Alpha - 2 items						
Gross Alpha		13.3 PCG	+/- 3.48 EPA 9310	JDD	09/06/94	1259
Weight of Sample, A&B		34.1 mg				
99 Gross Beta (Non-volatile Beta) - 2 items						
Nonvolatile Beta		5.73 PCG	+/- 2.33			
Weight of Sample, A&B		34.1 mg				

Data reported in mass/mass units is reported as 'dry weight'.

This data report has been prepared and reviewed
in accordance with General Engineering Laboratories
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Barbara A. Signer
Analytical Report Specialist

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Report Date: September 07, 1994

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Sample ID	: GRS-15-04
Lab ID	: 9408337-04
Matrix	: Soil
Date Collected	: 08/15/94
Date Received	: 08/17/94
Priority	: Routine
Collector	: Client

Parameter	Qualifier	Result	Units	Method	Analyst	Date	Time
Organic Prep							
Evaporative Loss @ 105 C		10.0	wt%	EPA 3550	KJB	09/01/94	2330
Radiological							
98 Gross Alpha - 2 items							
Gross Alpha		14.5	PCG	+/- 3.72 EPA 9310	JDD	09/06/94	1259
Weight of Sample, A&B		33.9	mg				
99 Gross Beta (Non-volatile Beta) - 2 items							
Nonvolatile Beta		5.10	PCG	+/- 2.35			
Weight of Sample, A&B		33.9	mg				

Data reported in mass/mass units is reported as 'dry weight'.

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Sample ID	: GRS-15-05
Lab ID	: 9408337-05
Matrix	: Soil
Date Collected	: 08/15/94
Date Received	: 08/17/94
Priority	: Routine
Collector	: Client

Parameter	Qualifier	Result Units	Method	Analyst	Date	Time
Organic Prep						
Evaporative Loss @ 105 C		10.0 wt%	EPA 3550	KJB	09/01/94	2330
Radiological						
98 Gross Alpha - 2 items						
Gross Alpha		8.53 PCG +/- 2.80	EPA 9310	JDD	09/06/94	1259
Weight of Sample, A&B		22.4 mg				
99 Gross Beta (Non-volatile Beta) - 2 items						
Nonvolatile Beta		8.02 PCG +/- 2.49				
Weight of Sample, A&B		22.4 mg				

Data reported in mass/mass units is reported as 'dry weight'.

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Sample: 9408337-01 Client ID:

Matrix: Soil

Description: GRS-15-01

Sampled: 08/15/94

Received: 08/17/94

Page: 1

Project: WSRC00194 Manager: EMK

Parameter	Result	Qual	RL	Units	MDL	Units	DF	Surr. %	Blank	RPD	%Rec
IG: Other Organic Tests	Method: EPA 3550										
Evaporative Loss @ 105 C	3.00		1	wt%	1	wt%	1:1		0.00	0.00%	N/C
IG: Alpha & Beta	Method: EPA 9310										
Gross Alpha	3.07	J	5	PCG	5	PCG	1:1		-0.123	-7.96%	82.7%
Weight of Sample, A&B	6.70	JB	0	mg	0	mg	1:1		1.30		
IG: Alpha & Beta	Method: EPA 9310										
Nonvolatile Beta	2.57	J	5	PCG	5	PCG	1:1		0.0270	200%	75.6%
ht of Sample, A&B	6.70	JB	0	mg	0	mg	1:1		1.30		

Data reported in mass/mass units is reported as 'dry weight'.

Report Heading Definitions

Result - Result
Qual - Qualifier
RL - Reporting Limit
Units - Reporting Limit Units
MDL - Method Detection Limit
Units - Method Detection Limit Units
DF - Dilution Factor
Surr. % - Percent Surrogate Recovery
Blank - Blank Result
RPD - Relative Percent Difference
%Rec - Average Percent Spike Recovery

Qualifier Definitions

U - value <= 0
J - value <= RL
B - hit in blanks

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Contact: Ms. Janet Crawford

Sample: 9408337-01 Client ID:

Matrix: Soil

Description: GRS-15-01

Sampled: 08/15/94

Received: 08/17/94

Page: 2

Project: WSRC00194

Manager: EMK

Parameter	Result	Qual	RL	Units	MDL	Units	DF	Surr. %	Blank	RPD	%Rec
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Barbara A. Sayin
Analytical Report Specialist

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Report Date: 09/07/94

Sample: 9408337-02 Client ID:

Matrix: Soil

Description: GRS-15-02

Sampled: 08/15/94

Received: 08/17/94

Page: 1

Project: WSRC00194 Manager: EMK

Parameter	Result	Qual	RL	Units	MDL	Units	DF	Surr. %	Blank	RPD	%Rec
90: Other Organic Tests	Method: EPA 3550										
Evaporative Loss @ 105 C	4.00		1	wt%	1	wt%	1:1		0.00	0.00%	N/C
90: Alpha & Beta	Method: EPA 9310										
Gross Alpha	2.51	J	5	PCG	5	PCG	1:1		-0.123	-7.96%	82.7%
Weight of Sample, A&B	6.30	JB	0	mg	0	mg	1:1		1.30		
90: Alpha & Beta	Method: EPA 9310										
volatile Beta	0.180	J	5	PCG	5	PCG	1:1		0.0270	200%	75.6%
ht of Sample, A&B	6.30	JB	0	mg	0	mg	1:1		1.30		

Data reported in mass/mass units is reported as 'dry weight'.

Report Heading Definitions

Result - Result
Qual - Qualifier
RL - Reporting Limit
Units - Reporting Limit Units
MDL - Method Detection Limit
Units - Method Detection Limit Units
DF - Dilution Factor
Surr. % - Percent Surrogate Recovery
Blank - Blank Result
RPD - Relative Percent Difference
%Rec - Average Percent Spike Recovery

Qualifier Definitions

U - value <= 0
J - value <= RL
JB - hit in blanks

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Report Date: 09/07/94

Sample: 9408337-02 Client ID:

Matrix: Soil

Description: GRS-15-02

Sampled: 08/15/94

Received: 08/17/94

Page: 2

Project: WSRC00194

Manager: EMK

Parameter	Result	Qual	RL	Units	MDL	Units	DF	Surr. %	Blank	RPD	%Rec
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Barbara A. Seaman
Analytical Report Specialist

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Report Date: 09/07/94

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Sample: 9408337-03 Client ID:

Matrix: Soil

Description: GRS-15-03

Sampled: 08/15/94

Received: 08/17/94

Page: 1

Project: WSR000194 Manager: EMK

Parameter	Result	Qual	RL	Units	MDL	Units	DF	Surr. %	Blank	RPD	%Rec
3G: Other Organic Tests	Method: EPA 3550				Batch: 53156	Run Analyst: KJB	DOA: 09/01/94	TOA: 2330	OK		
Evaporative Loss @ 105 C	15.0		1	wt%	1	wt%	1:1	0.00	0.00%		N/C
3G: Alpha & Beta	Method: EPA 9310				Batch: 53215	Run Analyst: JDD	DOA: 09/06/94	TOA: 1259	OK		
Gross Alpha	13.3		5	PCG	5	PCG	1:1	-0.123	-7.96%		82.7%
Weight of Sample, ALB	34.1	JB	0	mg	0	mg	1:1	1.30			
3G: Alpha & Beta	Method: EPA-9310				Batch: 53215	Run Analyst: JDD	DOA: 09/06/94	TOA: 1259	OK		
Volatile Beta	5.73		5	PCG	5	PCG	1:1	0.0270	200%		75.6%
ht of Sample, ALB	34.1	JB	0	mg	0	mg	1:1	1.30			

Data reported in mass/mass units is reported as 'dry weight'.

Report Heading Definitions

Result - Result
Qual - Qualifier
RL - Reporting Limit
Units - Reporting Limit Units
MDL - Method Detection Limit
Units - Method Detection Limit Units
DF - Dilution Factor
Surr. % - Percent Surrogate Recovery
Blank - Blank Result
RPD - Relative Percent Difference
%Rec - Average Percent Spike Recovery

Qualifier Definitions

U - Value <= 0
J - value <= RL
B - hit in blanks

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Sample: 9408337-03 Client ID:

Matrix: Soil

Description: GRS-15-03

Sampled: 08/15/94

Received: 08/17/94

Page: 2

Project: WSRC00194

Manager: EMK

Parameter	Result	Qual	RL	Units	MDL	Units	DF	Surr. %	Blank	RPD	%Rec
-----------	--------	------	----	-------	-----	-------	----	---------	-------	-----	------

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Barbara A. Simon

analytical Report Specialist

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Sample: 9408337-04 Client ID:

Matrix: Soil

Description: GRS-15-04

Sampled: 08/15/94

Received: 08/17/94

Page: 1

Project: WSRC00194

Manager: EMK

Parameter	Result	Qual	RL	Units	MDL	Units	DF	Surr. %	Blank	RPD	%Rec
3G: Other Organic Tests	Method: EPA 3550										
Evaporative Loss @ 105 C	10.0		1	wt%	1	wt%	1:1		0.00	0.00%	N/C
3G: Alpha & Beta	Method: EPA 9310										
Gross Alpha	14.5		5	PCG	5	PCG	1:1		-0.123	-7.96%	82.7%
Weight of Sample, A&B	33.9	JB	0	mg	0	mg	1:1		1.30		
3G: Alpha & Beta	Method: EPA 9310										
Nonvolatile Beta	5.10		5	PCG	5	PCG	1:1		0.0270	200%	75.6%
Weight of Sample, A&B	33.9	JB	0	mg	0	mg	1:1		1.30		

Value reported in mass/mass units is reported as 'dry weight'.

Report Heading Definitions

Result - Result
Qual - Qualifier
UL - Reporting Limit
Units - Reporting Limit Units
MDL - Method Detection Limit
Units - Method Detection Limit Units
DF - Dilution Factor
Surr. % - Percent Surrogate Recovery
Blank - Blank Result
RPD - Relative Percent Difference
%Rec - Average Percent Spike Recovery

Qualifier Definitions

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Sample: 9408337-04 Client ID:

Matrix: Soil

Description: GRS-15-04

Sampled: 08/15/94

Received: 08/17/94

Page: 2

Project: WSRC00194

Manager: EMK

Parameter	Result	Qual	RL	Units	MDL	Units	DF	Surr. %	Blank	RPD	&Rec
-----------	--------	------	----	-------	-----	-------	----	---------	-------	-----	------

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Barbara A. Seign
Analytical Report Specialist

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Report Date: 09/07/94

Sample: 9408337-05 Client ID:

Matrix: Soil

Sampled: 08/15/94

JDC CRAWFORD

Received: 08/17/94

Page: 1

Project: WSRC00194

Manager: EMK

Parameter	Result	Qual	RL	Units	MDL	Units	DF	Surr. %	Blank	RPD	%Rec
EG: Other Organic Tests	Method: EPA 3550										
Evaporative Loss @ 105 C	10.0		1	wt%	1	wt%	1:1		0.00	0.00%	N/C
EG: Alpha & Beta	Method: EPA 9310										
Gross Alpha	8.53		5	PCG	5	PCG	1:1		-0.123	-7.96%	82.7%
Weight of Sample, A&B	22.4	JB	0	mg	0	mg	1:1		1.30		
EG: Alpha & Beta	Method: EPA 9310										
Nonvolatile Beta	8.02		5	PCG	5	PCG	1:1		0.0270	200%	75.6%
Wgt of Sample, A&B	22.4	JB	0	mg	0	mg	1:1		1.30		

Data reported in mass/mass units is reported as 'dry weight'.

Report Heading Definitions

Result - Result
Qual - Qualifier
RL - Reporting Limit
Units - Reporting Limit Units
MDL - Method Detection Limit
Units - Method Detection Limit Units
DF - Dilution Factor
Surr. % - Percent Surrogate Recovery
Blank - Blank Result
RPD - Relative Percent Difference
%Rec - Average Percent Spike Recovery

Qualifier Definitions

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J - value <= RL
JB - hit in blanks

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NC 27
SC 10
TN 0293
VA 00151
WI 99988779

CERTIFICATE OF ANALYSIS

RECEIVED

SEP 21 1994

JDC CRAWFORD

Report Date: 09/07/94

Client: Westinghouse Savannah River Co.
Bldg. 730-1M, Cube 195
Aiken, SC 29803-6105
Contact: Ms. Janet Crawford

Sample: 9408337-05 Client ID:

Matrix: Soil

Description: GRS-15-05

Sampled: 08/15/94

Received: 08/17/94

Page: 2

Project: WSRC00194 Manager: EMK

Parameter	Result	Qual	RL	Units	MDL	Units	DF	Surr. %	Blank	RPD	%Rec
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This data report has been prepared and reviewed
in accordance with General Engineering Laboratories
standard operating procedures. Please direct
any questions to your Project Manager, Edie Kent at (803) 769-7385.

Barbara A. Seipman
Analytical Report Specialist

Shipping Container TID # 8629

Westinghouse Savannah River Company, Savannah River Site
Analytical Laboratories, Waste Analysis Group
Aiken, South Carolina

Sample Destination: GEL

SAVANNAH RIVER SITE

Customer: Sandra Smith

Address:

Comments:

Dept. *GR*

Phone: 4-1815

Matrix Key:
S = Soil
SO = Solid
SL = Sludge
O = Organic
A = Aqueous

OF CONTAINERS

SAMPLE ANALYSIS REQUESTED

Authorized by: Robert D. Crawford

[illegible]

1 Relinquished by:		Date / Time	Received by:		2 Relinquished by:		Date / Time	Received by:	
(Print) H. W. Davidson		8/17/94	(Print) Carolyn Howell		(Print) Carolyn Howell		8/17/94	(Print) Phil Dunn	
(Sign) H W Davidson		0915 hrs.	(Sign) Carolyn Howell		(Sign) Carolyn Howell		9:17 hrs.	(Sign) Phil Dunn	
3 Relinquished by:		Date / Time	Received by:		4 Relinquished by:		Date / Time	Received by:	
(Print) Phil Dunn		8/17/94	(Print) DANA WARD		(Print)		1 / 1	(Print)	
(Sign) Phil Dunn		1555 hrs.	(Sign) DANA WARD 8-17-94 1555		(Sign)		hrs.	(Sign)	
5 Relinquished by:		Date / Time	Received by:		6 Relinquished by:		Date / Time	Received by:	
(Print)		1 / 1	(Print)		(Print)		1 / 1	(Print)	
(Sign)		hrs.	(Sign)		(Sign)		hrs.	(Sign)	
Record Approved by:			Date:	Time:	Record Validated by:			Date:	Time:

Internal Chain Of Custody
Audit Trail by Container

Page: 1

94083374

Printed: 09/20/94 12:15

9408337-01.01 - 500 ml/P

17-AUG-94 22:41:36	Regina Desssaure	→ Main Cooler
31-AUG-94 07:37:59	Mindy Lowe	→ Delivery
31-AUG-94 15:00:53	Gary Lewis	→ Delivery
31-AUG-94 15:11:08	Kishia Gibbs	→ Main Cooler
31-AUG-94 16:56:14	Regina Desssaure	→ Delivery
01-SEP-94 20:44:14	Kim Bennett	→ Organic Prep
01-SEP-94 20:45:42	Kim Bennett	→ Main Cooler
02-SEP-94 07:23:18	Mindy Lowe	→ Main Cooler

9408337-02.01 - 500 ml/P

17-AUG-94 22:41:35	Regina Desssaure	→ Main Cooler
31-AUG-94 07:37:59	Mindy Lowe	→ Delivery
31-AUG-94 15:00:53	Gary Lewis	→ Delivery
31-AUG-94 15:11:09	Kishia Gibbs	→ Main Cooler
31-AUG-94 16:56:13	Regina Desssaure	→ Delivery
01-SEP-94 20:44:14	Kim Bennett	→ Organic Prep
01-SEP-94 20:45:42	Kim Bennett	→ Main Cooler
02-SEP-94 07:23:19	Mindy Lowe	→ Main Cooler

408337-03.01 - 500 ml/P

17-AUG-94 22:41:37	Regina Desssaure	→ Main Cooler
31-AUG-94 07:38:00	Mindy Lowe	→ Delivery
31-AUG-94 15:00:53	Gary Lewis	→ Delivery
31-AUG-94 15:11:09	Kishia Gibbs	→ Main Cooler
31-AUG-94 16:56:12	Regina Desssaure	→ Delivery
01-SEP-94 20:44:14	Kim Bennett	→ Organic Prep
01-SEP-94 20:45:43	Kim Bennett	→ Main Cooler
02-SEP-94 07:23:18	Mindy Lowe	→ Main Cooler

408337-04.01 - 500 ml/P

17-AUG-94 22:41:36	Regina Desssaure	→ Main Cooler
31-AUG-94 07:38:00	Mindy Lowe	→ Delivery
31-AUG-94 15:00:54	Gary Lewis	→ Delivery
31-AUG-94 15:11:08	Kishia Gibbs	→ Main Cooler
31-AUG-94 16:56:13	Regina Desssaure	→ Delivery
01-SEP-94 20:44:12	Kim Bennett	→ Organic Prep
01-SEP-94 20:45:41	Kim Bennett	→ Main Cooler
02-SEP-94 07:23:18	Mindy Lowe	→ Main Cooler

408337-05.01 - 500 ml/P

17-AUG-94 22:41:36	Regina Desssaure	→ Main Cooler
31-AUG-94 07:38:00	Mindy Lowe	→ Delivery
31-AUG-94 15:00:52	Gary Lewis	→ Delivery
31-AUG-94 15:11:09	Kishia Gibbs	→ Main Cooler
31-AUG-94 16:56:11	Regina Desssaure	→ Delivery
01-SEP-94 20:44:14	Kim Bennett	→ Organic Prep
01-SEP-94 20:45:42	Kim Bennett	→ Main Cooler
02-SEP-94 07:23:19	Mindy Lowe	→ Main Cooler

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A.2-32

APPENDIX A.3
SOIL GAS SURVEY RESULTS

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TABLE A-1
GRACE ROAD WASTE SITE (631-22G)
GAS CONCENTRATIONS IN SOIL (ng/g)

SAMPLE NAME	PENTANE	HEXANE	HEPTANE	BENZENE	OCTANE	TOLUENE	NONANE	ETHYL BENZENE	M&P- XYLENE	O- XYLENE	DECANE
631-22G-S1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S6	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S7	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S8	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S9	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S10	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S10A	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S11	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S12	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S13	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S14	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S15	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S16	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S17	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S18	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S19	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S20	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S20A	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S21	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S22	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S23	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S24	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

TABLE A-1 (Continued)
GRACE ROAD WASTE SITE (631-22G)
GAS CONCENTRATIONS IN SOIL (ng/g)

SAMPLE NAME	PENTANE	HEXANE	HEPTANE	BENZENE	OCTANE	TOLUENE	NONANE	ETHYL BENZENE	M&P- XYLENE	O- XYLENE	DECANE
631-22G-S25	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S26	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S27	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S28	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S29	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S30	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S30A	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S31	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S32	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S33	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S34	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S35	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S36	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S37	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S38	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S39	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S40	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S40A	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S41	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S42	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S43	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S44	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S45	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S46	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S47	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S48	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

TABLE A-1 (Continued)
GRACE ROAD WASTE SITE (631-22G)
GAS CONCENTRATIONS IN SOIL (ng/g)

SAMPLE NAME	PENTANE	HEXANE	HEPTANE	BENZENE	OCTANE	TOLUENE	NONANE	ETHYL BENZENE	M&P- XYLENE	O- XYLENE	DECANE
631-22G-S49	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S50	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S50A	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S51	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S52	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S53	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S54	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S55	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S56	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S57	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S58	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S59	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S60	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S60A	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S61	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S62	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S63	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S64	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S65	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S66	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S67	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S68	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S69	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S70	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S70A	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S71	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

TABLE A-1 (Continued)
GRACE ROAD WASTE SITE (631-22G)
GAS CONCENTRATIONS IN SOIL (ng/g)

SAMPLE NAME	PENTANE	HEXANE	HEPTANE	BENZENE	OCTANE	TOLUENE	NONANE	ETHYL BENZENE	M&P- XYLENE	O- XYLENE	DECANE
631-22G-S72	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S73	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S74	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S75	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S76	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S77	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S78	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S79	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S80	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S80A	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S81	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S82	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S83	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S84	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-S85	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-SB1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-SB2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-SB3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-SB4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-SB5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-SB6	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-SB7	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-SB8	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
631-22G-SB9	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

TABLE A-2
GRACE ROAD WASTE SITE (631-22G)
GAS CONCENTRATIONS IN SOIL (ppg/g)

SAMPLE NAME	VINYL CHLORIDE	METHYLENE CHLORIDE	TRANS 1,2		CHLORO FORM.	1,1,1 TRI		CARBON TETRA CHLORIDE	TRI		TETRA	
			DICHLORO ETHYLENE	ETHYLENE		CHLORO ETHANE	ETHYLENE		CHLORO ETHYLENE	ETHYLENE		
631-22G-S1	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S2	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S3	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S4	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S5	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S6	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S7	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S8	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S9	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S10	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S10A	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S11	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S12	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S13	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S14	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S15	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S16	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S17	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S18	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S19	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S20	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S20A	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S21	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S22	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S23	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
631-22G-S24	< 100	< 50	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	

TABLE A-2 (Continued)
GRACE ROAD WASTE SITE (631-22G)
GAS CONCENTRATIONS IN SOIL (ng/g)

SAMPLE NAME	VINYL CHLORIDE	METHYLENE CHLORIDE	TRANS 1,2		CHLORO FORM	1,1,1 TRI		CARBON		TRI		TETRA	
			DICHLORO ETHYLENE	DICHLORO ETHYLENE		CHLORO ETHANE	TETRA CHLORIDE	CHLORO ETHYLENE	CHLORO ETHYLENE	CHLORO ETHYLENE			
631-22G-S25	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S26	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S27	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S28	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S29	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S30	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S30A	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S31	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S32	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S33	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S34	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S35	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S36	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S37	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S38	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S39	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S40	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S40A	< 100	< 50	< 1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S41	< 100	< 50	< 1	< 1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S42	< 100	< 50	< 1	< 1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S43	< 100	< 50	< 1	< 1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S44	< 100	< 50	< 1	< 1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S45	< 100	< 50	< 1	< 1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S46	< 100	< 50	< 1	< 1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S47	< 100	< 50	< 1	< 1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S48	< 100	< 50	< 1	< 1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

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TABLE A- 2 (Continued)
GRACE ROAD WASTE SITE (631-22G)
GAS CONCENTRATIONS IN SOIL (ng/g)

SAMPLE NAME	TRANS 1,2				1,1,1 TRI		CARBON		TRI		TETRA	
	VINYL CHLORIDE	METHYLENE CHLORIDE	DICHLORO ETHYLENE	CHLORO FORM	CHLORO ETHANE	TETRA CHLORIDE	CHLORO ETHYLENE	CHLORO ETHYLENE	CHLORO ETHYLENE	CHLORO ETHYLENE	CHLORO ETHYLENE	CHLORO ETHYLENE
631-22G-S49	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S50	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S50A	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S51	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S52	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S53	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S54	< 100	< 50	< 1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S55	< 100	< 50	< 1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S56	< 100	< 50	< 1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S57	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S58	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S59	< 100	< 50	< 1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S60	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S60A	< 100	< 50	< 1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S61	< 100	< 50	< 1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S62	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S63	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S64	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S65	< 100	< 50	< 1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S66	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S67	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S68	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S69	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S70	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S70A	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S71	< 100	< 50	< 1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

TABLE A-2 (Continued)
 GRACE ROAD WASTE SITE (631-22G)
 GAS CONCENTRATIONS IN SOIL (ng/g)

SAMPLE NAME	TRANS 1,2			1,1,1 TRI		CARBON		TRI		TETRA	
	VINYL CHLORIDE	METHYLENE CHLORIDE	DICHLORO ETHYLENE	CHLORO FORM	CHLORO ETHANE	TETRA CHLORIDE	CHLORO ETHYLENE	CHLORO ETHYLENE	CHLORO ETHYLENE	CHLORO ETHYLENE	CHLORO ETHYLENE
631-22G-S72	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S73	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S74	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S75	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S76	< 100	< 50	< 1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S77	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S78	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S79	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S80	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S80A	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S81	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S82	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S83	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S84	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-S85	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-SB1	< 100	< 50	< 1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-SB2	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-SB3	< 100	< 50	< 1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-SB4	< 100	< 50	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-SB5	< 100	< 50	< 1	0.7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-SB6	< 100	< 50	< 1	0.6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-SB7	< 100	< 50	< 1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-SB8	< 100	< 50	< 1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
631-22G-SB9	< 100	< 50	< 1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

TABLE A-3
GRACE ROAD WASTE SITE (631-22G)
GAS CONCENTRATIONS IN SOIL (ng/g)

SAMPLE NAME	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	MERCURY
631-22G-S1	4.31	< 0.05	0.07	< 0.05	0.13	< 0.05	< 0.05	103
631-22G-S2	4.57	< 0.05	0.22	0.27	0.60	< 0.05	< 0.05	11
631-22G-S3	4.41	< 0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	2
631-22G-S4	3.70	< 0.05	0.06	< 0.05	< 0.05	< 0.05	< 0.05	5
631-22G-S5	4.35	< 0.05	0.08	< 0.05	< 0.05	0.12	< 0.05	1
631-22G-S6	3.77	< 0.05	< 0.05	0.05	< 0.05	< 0.05	< 0.05	< 1
631-22G-S7	4.51	< 0.05	0.08	< 0.05	< 0.05	< 0.05	< 0.05	4
631-22G-S8	4.08	< 0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	2
631-22G-S9	4.52	< 0.05	0.06	< 0.05	< 0.05	< 0.05	< 0.05	1
631-22G-S10	96.34	0.07	0.19	0.23	0.41	< 0.05	< 0.05	4
631-22G-S10A	4.77	< 0.05	0.09	< 0.05	< 0.05	< 0.05	< 0.05	< 1
631-22G-S11	4.00	< 0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	2
631-22G-S12	3.76	< 0.05	0.06	< 0.05	< 0.05	< 0.05	< 0.05	< 1
631-22G-S13	3.71	< 0.05	0.05	0.13	< 0.05	< 0.05	< 0.05	< 1
631-22G-S14R	0.67	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 1
631-22G-S15	3.46	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 1
631-22G-S16	4.10	< 0.05	< 0.05	0.12	< 0.05	< 0.05	< 0.05	< 1
631-22G-S17	3.92	< 0.05	0.09	0.06	< 0.05	0.05	< 0.05	< 1
631-22G-S18	3.91	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 1
631-22G-S19	3.85	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 1
631-22G-S20	3.14	< 0.05	< 0.05	0.05	< 0.05	< 0.05	0.15	< 1
631-22G-S20A	4.37	< 0.05	0.07	< 0.05	< 0.05	< 0.05	< 0.05	< 1
631-22G-S21	4.54	< 0.05	0.09	< 0.05	< 0.05	< 0.05	0.81	5
631-22G-S22	4.72	0.05	0.15	< 0.05	< 0.05	< 0.05	1.13	2
631-22G-S23	4.47	< 0.05	0.12	< 0.05	< 0.05	< 0.05	< 0.05	1
631-22G-S24	4.43	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	6

TABLE A-3 (Continued)
GRACE ROAD WASTE SITE (631-22G)
GAS CONCENTRATIONS IN SOIL (ng/g)

SAMPLE NAME	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	MERCURY
631-22G-S25	4.16	< 0.05	0.07	< 0.05	< 0.05	< 0.05	< 0.05	1
631-22G-S26	4.42	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1
631-22G-S27	4.86	< 0.05	0.06	< 0.05	< 0.05	0.06	< 0.05	5
631-22G-S28	4.36	< 0.05	0.07	< 0.05	0.08	< 0.05	< 0.05	3
631-22G-S29	4.73	< 0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	6
631-22G-S30	4.02	< 0.05	< 0.05	< 0.05	< 0.05	0.11	< 0.05	10
631-22G-S30A	4.02	< 0.05	0.05	0.06	< 0.05	< 0.05	< 0.05	6
631-22G-S31	4.60	< 0.05	0.07	0.11	< 0.05	< 0.05	1.05	7
631-22G-S32	4.64	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	6
631-22G-S33	4.32	< 0.05	0.06	< 0.05	< 0.05	< 0.05	< 0.05	5
631-22G-S34	5.02	< 0.05	0.09	0.12	< 0.05	< 0.05	< 0.05	9
631-22G-S35	4.77	< 0.05	0.06	< 0.05	< 0.05	< 0.05	< 0.05	2
631-22G-S36	4.53	< 0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	1
631-22G-S37	4.31	< 0.05	0.05	< 0.05	< 0.05	0.08	0.69	1
631-22G-S38	4.34	< 0.05	0.05	< 0.05	0.05	< 0.05	0.22	8
631-22G-S39	4.60	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	2
631-22G-S40	4.73	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	4
631-22G-S40A	4.23	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	3
631-22G-S41	4.42	< 0.05	< 0.05	< 0.05	< 0.05	0.25	1.96	2
631-22G-S42	4.53	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.42	< 1
631-22G-S43	4.38	< 0.05	< 0.05	< 0.05	< 0.05	0.12	0.68	< 1
631-22G-S44	4.58	< 0.05	0.05	< 0.05	< 0.05	< 0.05	0.38	< 1
631-22G-S45	4.64	< 0.05	0.06	< 0.05	< 0.05	< 0.05	0.86	6
631-22G-S46	4.39	< 0.05	0.05	< 0.05	< 0.05	< 0.05	1.03	2
631-22G-S47	4.40	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1
631-22G-S48	4.54	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.63	2

TABLE A-3 (Continued)
GRACE ROAD WASTE SITE (631-22G)
GAS CONCENTRATIONS IN SOIL (ng/g)

SAMPLE NAME	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	MERCURY
631-22G-S49	4.67	< 0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	2
631-22G-S50	4.54	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.72	1
631-22G-S50A	4.57	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.31	2
631-22G-S51	4.63	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1
631-22G-S52	4.41	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	2
631-22G-S53	4.55	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1
631-22G-S54	4.49	< 0.05	0.07	< 0.05	< 0.05	< 0.05	< 0.05	1
631-22G-S55	4.33	< 0.05	0.06	< 0.05	< 0.05	< 0.05	0.15	< 1
631-22G-S56	4.66	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 1
631-22G-S57	4.52	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1
631-22G-S58	4.45	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 1
631-22G-S59	4.46	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.13	< 1
631-22G-S60	4.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.07	< 1
631-22G-S60A	4.49	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 1
631-22G-S61	3.71	< 0.05	0.06	< 0.05	0.08	< 0.05	< 0.05	4
631-22G-S62	3.89	< 0.05	0.12	< 0.05	< 0.05	< 0.05	0.16	1
631-22G-S63	3.62	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	2
631-22G-S64	3.59	< 0.05	0.08	< 0.05	< 0.05	< 0.05	< 0.05	4
631-22G-S65	3.77	< 0.05	0.12	< 0.05	< 0.05	< 0.05	< 0.05	2
631-22G-S66	3.63	< 0.05	0.05	0.06	< 0.05	< 0.05	0.22	2
631-22G-S67	3.86	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1
631-22G-S68	3.83	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	3
631-22G-S69	3.86	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	2
631-22G-S70	3.85	< 0.05	0.07	< 0.05	< 0.05	< 0.05	< 0.05	2
631-22G-S70A	3.92	< 0.05	< 0.05	< 0.05	0.13	0.13	0.32	2
631-22G-S71	3.86	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.11	4

TABLE A-3 (Continued)
GRACE ROAD WASTE SITE (631-22G)
GAS CONCENTRATIONS IN SOIL (ng/g)

SAMPLE NAME	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	MERCURY
631-22G-S72	3.79	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	11
631-22G-S73	3.95	< 0.05	0.05	< 0.05	< 0.05	< 0.05	0.20	2
631-22G-S74	3.74	< 0.05	0.08	< 0.05	< 0.05	< 0.05	< 0.05	21
631-22G-S75	3.61	< 0.05	0.06	< 0.05	< 0.05	< 0.05	< 0.05	2
631-22G-S76	3.73	< 0.05	0.19	0.11	0.14	0.20	< 0.05	< 1
631-22G-S77	3.78	< 0.05	0.06	0.06	< 0.05	< 0.05	< 0.05	< 1
631-22G-S78	3.58	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1
631-22G-S79	3.59	< 0.05	0.16	< 0.05	< 0.05	< 0.05	< 0.05	< 1
631-22G-S80	3.80	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.18	< 1
631-22G-S80A	3.82	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1
631-22G-S81	3.73	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 1
631-22G-S82	3.41	< 0.05	< 0.05	0.05	< 0.05	< 0.05	0.08	< 1
631-22G-S83	3.75	< 0.05	0.14	0.14	< 0.05	< 0.05	< 0.05	< 1
631-22G-S84	3.74	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 1
631-22G-S85	3.53	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 1
631-22G-SB1	4.24	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA
631-22G-SB2	4.25	< 0.05	0.28	< 0.05	< 0.05	< 0.05	< 0.05	NA
631-22G-SB3	4.30	< 0.05	0.54	0.05	< 0.05	< 0.05	< 0.05	NA
631-22G-SB4	4.11	< 0.05	0.40	0.08	< 0.05	< 0.05	< 0.05	NA
631-22G-SB5	4.16	< 0.05	0.37	0.13	0.15	< 0.05	0.39	NA
631-22G-SB6	4.27	< 0.05	0.35	0.12	< 0.05	< 0.05	0.37	NA
631-22G-SB7	3.39	< 0.05	0.37	0.07	< 0.05	< 0.05	< 0.05	NA
631-22G-SB8	3.55	< 0.05	0.38	0.10	< 0.05	< 0.05	< 0.05	NA
631-22G-SB9	3.50	< 0.05	0.32	< 0.05	< 0.05	< 0.05	< 0.05	NA

TABLE A-4
GRACE ROAD WASTE SITE (631-22G)
GAS CONCENTRATIONS IN SOIL (ng/g)

SAMPLE NAME	UN DECANE	DO DECANE	TRI DECANE	TETRA DECANE	PENTA DECANE	HEXA DECANE	HEPTA DECANE
631-22G-S1	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S2	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S3	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S4	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S5	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S6	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S7	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S8	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S9	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S10	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S10A	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S11	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S12	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S13	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S14	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S15	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S16	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S17	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S18	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S19	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S20	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S20A	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S21	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S22	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S23	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S24	< 2	< 2	< 2	< 3	< 4	< 6	< 14

TABLE A-4 (Continued)
GRACE ROAD WASTE SITE (631-22G)
GAS CONCENTRATIONS IN SOIL (ng/g)

SAMPLE NAME	UN DECANE	DO DECANE	TRI DECANE	TETRA DECANE	PENTA DECANE	HEXA DECANE	HEPTA DECANE
631-22G-S25	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S26	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S27	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S28	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S29	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S30	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S30A	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S31	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S32	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S33	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S34	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S35	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S36	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S37	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S38	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S39	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S40	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S40A	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S41	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S42	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S43	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S44	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S45	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S46	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S47	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S48	< 2	< 2	< 2	< 3	< 4	< 6	< 14

TABLE A-4 (Continued)
GRACE ROAD WASTE SITE (631-22G)
GAS CONCENTRATIONS IN SOIL (ng/g)

SAMPLE NAME	UN DECANE	DO DECANE	TRI DECANE	TETRA DECANE	PENTA DECANE	HEXA DECANE	HEPTA DECANE
631-22G-S72	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S73	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S74	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S75	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S76	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S77	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S78	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S79	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S80	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S80A	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S81	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S82	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S83	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S84	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S85	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-SB1	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-SB2	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-SB3	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-SB4	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-SB5	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-SB6	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-SB7	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-SB8	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-SB9	< 2	< 2	< 2	< 3	< 4	< 6	< 14

TABLE A-4 (Continued)
GRACE ROAD WASTE SITE (631-22G)
GAS CONCENTRATIONS IN SOIL (ng/g)

SAMPLE NAME	UN DECANE	DO DECANE	TRI DECANE	TETRA DECANE	PENTA DECANE	HEXA DECANE	HEPTA DECANE
631-22G-S49	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S50	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S50A	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S51	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S52	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S53	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S54	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S55	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S56	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S57	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-58	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-59	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-60	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-60A	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S61	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S62	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S63	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S64	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S65	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S66	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S67	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S68	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S69	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S70	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S70A	< 2	< 2	< 2	< 3	< 4	< 6	< 14
631-22G-S71	< 2	< 2	< 2	< 3	< 4	< 6	< 14

APPENDIX B

ANALYTICAL DATA AND QA/QC EVALUATION RESULTS

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WESTON

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WSRC-GRACE ROAD
RI# #: 9003L865
W.O. #: 0630-28-12

SAMPLES RECEIVED: 03-22-90

METALS NARRATIVE

The following is a summary of the quality control results and a description of any problems encountered during the analysis of this batch of samples:

1. All sample holding times as required by 40 CFR 136 were met for water samples. Notes: Holding times for soil samples have not been promulgated by the USEPA.
2. All preparation blanks were analyzed below the required detection limit.
3. All laboratory control standards were within the control limits of 80-120%.

Note: The USEPA-CLP has dropped control limits for silver and antimony due to documented difficulties in obtaining reliable results. WESTON Analytical has adopted the same policy.

4. All calibration verification checks were within the required control limits of 90-100% (85-115% for Hg). Calibration verification is performed using independent standards from Inorganic Ventures, Inc.
5. The analytical methods applied by the laboratory for the determination of metals are:

As: EPA 206.2	Hg: EPA 245.1
Se: EPA 270.2	ICP Scan: EPA 200.7
Pb: EPA 239.2	All Others: EPA 200.7
Tl: EPA 279.2	EP Leachates (except Hg): 200.7

NOTE: For solid samples, all results are reported on a dry weight basis.

[Signature]
Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

5-30-90

Date

ROY F. WESTON, INC.

GLOSSARY OF TERMS - INORGANIC REPORTS

DATA QUALIFIERS

- U - Indicates that the parameter was not detected at or above the reported limit. The associated numerical value is the sample detection limit.
- * - Indicates that the original sample result is greater than 4x the spike amount added. The USEPA-CLP has determined that spike results on samples where this occurs may be unreliable and, therefore, the control limits are not applicable.

ABBREVIATIONS

- MB - Method or preparation blank.
- MS - Matrix Spike.
- MSD - Matrix Spike Duplicate.
- REP - Sample Replicate.
- LC - Indicates a method LCS or Blank Spike.
- NC - Not calculable, result below the detection limit.

LABORATORY CHRONOLOGY AND HOLDTIME REPORT

The test code listed indicates the specific analysis or preparation procedure employed. The codes may be interpreted as follows:

- MAAW - Metals prep test for AA digestion, water matrix.
- MAAS - Metals prep test for AA digestion, soil matrix.
- MICW - Metals prep test for ICP digestion, water matrix.
- MICS - Metals prep test for ICP digestion, soil matrix.
- M**TO- This type of code indicates a total metal analysis (eg. MAGTO indicates an analysis for total silver).
- M**SO- This type of code indicates a soluble metal analysis. (eg. MAGSO indicates an analysis for soluble silver).
- M**EP- This type of code indicates an EPTOXICITY metals analysis (eg. MAGEP indicates an analysis for eptox silver).
- I**TO- This type of code indicates a non-metallic total analysis. There is also a complimentary soluble analysis for each of these codes (eg. ICNTO indicates an analysis for total cyanide).

A suffix of -R or -S following these codes indicates a replicate or spike analysis respectively.

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 05/25/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9003L865

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
-----	-----	-----	-----	-----	-----
-002	GRS-04-01	SILVER, TOTAL	1.9 u	MG/KG	1.9
		ARSENIC, TOTAL	2.1 u	MG/KG	2.1
		BARIUM, TOTAL	37.5 u	MG/KG	37.5
		CADMIUM, TOTAL	1.2	MG/KG	0.94
		CHROMIUM, TOTAL	5.7	MG/KG	1.9
		MERCURY, TOTAL	0.11 u	MG/KG	0.11
		LEAD, TOTAL	0.95	MG/KG	0.63
		SELENIUM, TOTAL	1.1 u	MG/KG	1.1
-003	GRS-04-01A	SILVER, TOTAL	2.0 u	MG/KG	2.0
		ARSENIC, TOTAL	2.3 u	MG/KG	2.3
		BARIUM, TOTAL	40.1 u	MG/KG	40.1
		CADMIUM, TOTAL	1.2	MG/KG	1.0
		CHROMIUM, TOTAL	5.3	MG/KG	2.0
		MERCURY, TOTAL	0.12 u	MG/KG	0.12
		LEAD, TOTAL	1.1	MG/KG	0.70
		SELENIUM, TOTAL	1.2 u	MG/KG	
-005	GRS-05-01	SILVER, TOTAL	2.0 u	MG/KG	2.0
		ARSENIC, TOTAL	2.1 u	MG/KG	2.1
		BARIUM, TOTAL	39.3 u	MG/KG	39.3
		CADMIUM, TOTAL	1.2	MG/KG	0.98
		CHROMIUM, TOTAL	8.0	MG/KG	2.0
		MERCURY, TOTAL	0.11 u	MG/KG	0.11
		LEAD, TOTAL	2.1	MG/KG	0.62
		SELENIUM, TOTAL	1.0 u	MG/KG	1.0

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 05/25/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9003L865

SAMPLE *****	SITE ID *****	ANALYTE *****	RESULT *****	UNITS *****	REPORTING LIMIT *****
-006	GRS-06-01	SILVER, TOTAL	1.9 u	MG/KG	1.9
		ARSENIC, TOTAL	2.0 u	MG/KG	2.0
		BARIUM, TOTAL	37.7 u	MG/KG	37.7
		CADMIUM, TOTAL	1.2	MG/KG	0.94
		CHROMIUM, TOTAL	14.9	MG/KG	1.9
		MERCURY, TOTAL	0.14	MG/KG	0.11
		LEAD, TOTAL	5.1	MG/KG	0.60
		SELENIUM, TOTAL	1.0 u	MG/KG	1.0
-007	GRS-11-01	SILVER, TOTAL	2.1 u	MG/KG	2.1
		ARSENIC, TOTAL	2.1 u	MG/KG	2.1
		BARIUM, TOTAL	42.0 u	MG/KG	42.0
		CADMIUM, TOTAL	1.3	MG/KG	1.1
		CHROMIUM, TOTAL	13.3	MG/KG	2.1
		MERCURY, TOTAL	0.14	MG/KG	0.11
		LEAD, TOTAL	3.9	MG/KG	0.64
		SELENIUM, TOTAL	1.1 u	MG/KG	1.1
-008	GRS-01-01	SILVER, TOTAL	1.9 u	MG/KG	1.9
		ARSENIC, TOTAL	1.8 u	MG/KG	1.8
		BARIUM, TOTAL	38.1 u	MG/KG	38.1
		CADMIUM, TOTAL	1.8	MG/KG	0.95
		CHROMIUM, TOTAL	5.7	MG/KG	1.9
		MERCURY, TOTAL	0.11 u	MG/KG	0.11
		LEAD, TOTAL	0.90	MG/KG	0.54
		SELENIUM, TOTAL	0.90 u	MG/KG	0.90

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 05/25/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9003L865

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
-010	GRS-13-01	SILVER, TOTAL	2.0 u	MG/KG	2.0
		ARSENIC, TOTAL	2.3 u	MG/KG	2.3
		BARIUM, TOTAL	40.3 u	MG/KG	40.3
		CADMIUM, TOTAL	1.2	MG/KG	1.0
		CHROMIUM, TOTAL	22.9	MG/KG	2.0
		MERCURY, TOTAL	0.15	MG/KG	0.12
		LEAD, TOTAL	48.1	MG/KG	7.0
		SELENIUM, TOTAL	1.3	MG/KG	1.2
-011	GRS-14-01	SILVER, TOTAL	2.1 u	MG/KG	2.1
		ARSENIC, TOTAL	2.2 u	MG/KG	2.2
		BARIUM, TOTAL	48.4	MG/KG	43.0
		CADMIUM, TOTAL	1.7	MG/KG	1.1
		CHROMIUM, TOTAL	18.1	MG/KG	2.1
		MERCURY, TOTAL	0.12 u	MG/KG	0.12
		LEAD, TOTAL	5.1	MG/KG	0.65
		SELENIUM, TOTAL	1.1 u	MG/KG	1
-012	GRS-13-01E <i>inverse</i>	SILVER, TOTAL	10.0 u	UG/L	10.0
		ARSENIC, TOTAL	10.0 u	UG/L	10.0
		BARIUM, TOTAL	200 u	UG/L	200
		CADMIUM, TOTAL	5.0 u	UG/L	5.0
		CHROMIUM, TOTAL	10.0 u	UG/L	10.0
		MERCURY, TOTAL	0.20 u	UG/L	0.20
		LEAD, TOTAL	3.0 u	UG/L	3.0
		SELENIUM, TOTAL	5.0 u	UG/L	5.0

ROY F. WESTON INC.

INORGANICS METHOD BLANK DATA SUMMARY PAGE 05/25/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9003L865

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
BLANK1	90L0451-MB1	SILVER, TOTAL	2.0 u	MG/KG	2.0
		BARIUM, TOTAL	40.0 u	MG/KG	40.0
		CADMIUM, TOTAL	1.0 u	MG/KG	1.0
		CHROMIUM, TOTAL	2.0 u	MG/KG	2.0
BLANK1	90L0450-MB1	ARSENIC, TOTAL	2.0 u	MG/KG	2.0
		LEAD, TOTAL	0.60 u	MG/KG	0.60
		SELENIUM, TOTAL	1.0 u	MG/KG	1.0
BLANK1	90C055B-MB1	MERCURY, TOTAL	0.10 u	MG/KG	0.10
BLANK2	90C055B-MB2	MERCURY, TOTAL	0.10 u	MG/KG	0.10
BLANK3	90C055B-MB3	MERCURY, TOTAL	0.10 u	MG/KG	0.10
BLANK4	90C055B-MB4	MERCURY, TOTAL	0.10 u	MG/KG	0.10
BLANK1	90L0297-MB1	SILVER, TOTAL	10.0 u	UG/L	10.0
		BARIUM, TOTAL	200 u	UG/L	200
		CADMIUM, TOTAL	5.0 u	UG/L	5.0
		CHROMIUM, TOTAL	10.0 u	UG/L	10.0
BLANK1	90L0296-MB1	ARSENIC, TOTAL	10.0 u	UG/L	10.0
		LEAD, TOTAL	3.0 u	UG/L	3.0
		SELENIUM, TOTAL	5.0 u	UG/L	5.0
BLANK1	90C056A-MB1	MERCURY, TOTAL	0.20 u	UG/L	0.20
BLANK2	90C056A-MB2	MERCURY, TOTAL	0.20 u	UG/L	0.20

ROY F. WESTON INC.

INORGANICS METHOD BLANK DATA SUMMARY PAGE 05/25/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9003L865

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
BLANK3	90C056A-MB3	MERCURY, TOTAL	0.20 u	UG/L	0.20

ROY F. WESTON INC.

INORGANICS DUPLICATE SPIKE REPORT 05/25/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9003L865

SAMPLE	SITE ID	ANALYTE	SPIKE#1 %RECOV	SPIKE#2 %RECOV	%DIFF
LCS2	90L0451-LC2	SILVER, LCS	100	103	2.8
		BARIUM, LCS	102	103	1.4
		CADMIUM, LCS	93.3	93.0	0.39
		CHROMIUM, LCS	99.9	102	2.5
LCS2	90L0450-LC2	ARSENIC, LCS	88.0	97.3	10.1
		LEAD, LCS	91.0	96.0	5.3
		SELENIUM, LCS	117	119	1.4
LCS2	90C055B-LC2	MERCURY, LCS	96.2	105	8.8
LCS2	90L0297-LC2	SILVER, LCS	117	114	3.0
		BARIUM, LCS	102	102	0.43
		CADMIUM, LCS	125	118	5.3
		CHROMIUM, LCS	118	116	1.3
LCS2	90L0296-LC2	ARSENIC, LCS	92.3	96.3	4.2
		LEAD, LCS	108	110	1.5
		SELENIUM, LCS	101	105	3.6
LCS2	90C056A-LC2	MERCURY, LCS	102	113	10.5

ROY F. WESTON INC.

INORGANICS LABORATORY CONTROL STANDARDS REPORT 05/25/90

SAMPLE *****	SITE ID *****	ANALYTE *****	SPIKED SAMPLE *****	SPIKED AMOUNT *****	UNITS *****	%RECOV *****
LCS1	90L0451-LC1	SILVER, LCS	100	100	MG/KG	100
		BARIUM, LCS	1020	1000	MG/KG	102
		CADMIUM, LCS	46.7	50.0	MG/KG	93.3
		CHROMIUM, LCS	99.9	100	MG/KG	99.9
LCS2	90L0451-LC2	SILVER, LCS	103	100	MG/KG	103
		BARIUM, LCS	1030	1000	MG/KG	103
		CADMIUM, LCS	46.5	50.0	MG/KG	93.0
		CHROMIUM, LCS	102	100	MG/KG	102
LCS1	90L0450-LC1	ARSENIC, LCS	5.3	6.0	MG/KG	88.0
		LEAD, LCS	5.5	6.0	MG/KG	91.0
		SELENIUM, LCS	7.0	6.0	MG/KG	117
LCS2	90L0450-LC2	ARSENIC, LCS	5.8	6.0	MG/KG	97.3
		LEAD, LCS	5.8	6.0	MG/KG	96.0
		SELENIUM, LCS	7.1	6.0	MG/KG	119
LCS1	90C055B-LC1	MERCURY, LCS	0.96	1.0	MG/KG	96.2
LCS2	90C055B-LC2	MERCURY, LCS	1.1	1.0	MG/KG	105
LCS3	90C055B-LC3	MERCURY, LCS	1.0	1.0	MG/KG	102
LCS4	90C055B-LC4	MERCURY, LCS	1.1	1.0	MG/KG	108
LCS1	90L0297-LC1	SILVER, LCS	586	500	UG/L	117
		BARIUM, LCS	5120	5000	UG/L	102
		CADMIUM, LCS	312	250	UG/L	125
		CHROMIUM, LCS	588	500	UG/L	118
LCS2	90L0297-LC2	SILVER, LCS	568	500	UG/L	114
		BARIUM, LCS	5100	5000	UG/L	102
		CADMIUM, LCS	296	250	UG/L	118
		CHROMIUM, LCS	581	500	UG/L	116

ROY F. WESTON INC.

INORGANICS LABORATORY CONTROL STANDARDS REPORT 05/25/90

SAMPLE -----	SITE ID -----	ANALYTE -----	SPIKED SAMPLE -----	SPIKED AMOUNT -----	UNITS -----	%RECOV -----
LCS1	90L0296-LC1	ARSENIC, LCS	27.7	30.0	UG/L	92.3
		LEAD, LCS	32.4	30.0	UG/L	108
		SELENIUM, LCS	30.4	30.0	UG/L	101
LCS2	90L0296-LC2	ARSENIC, LCS	28.9	30.0	UG/L	96.3
		LEAD, LCS	32.9	30.0	UG/L	110
		SELENIUM, LCS	31.5	30.0	UG/L	105
LCS1	90C056A-LC1	MERCURY, LCS	2.0	2.0	UG/L	102
LCS2	90C056A-LC2	MERCURY, LCS	2.3	2.0	UG/L	113
LCS3	90C056A-LC3	MERCURY, LCS	2.3	2.0	UG/L	113

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 03/22/90

RFW LOT # :9003L865

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
GRS-04-01						
SILVER, TOTAL	002	S	90L0451	03/19/90	05/17/90	05/19/90
ARSENIC, TOTAL	002	S	90L0450	03/19/90	05/17/90	05/18/90
BARIUM, TOTAL	002	S	90L0451	03/19/90	05/17/90	05/19/90
CADMIUM, TOTAL	002	S	90L0451	03/19/90	05/17/90	05/19/90
CHROMIUM, TOTAL	002	S	90L0451	03/19/90	05/17/90	05/19/90
MERCURY, TOTAL	002	S	90C055B	03/19/90	04/04/90	04/05/90
LEAD, TOTAL	002	S	90L0450	03/19/90	05/17/90	05/18/90
SELENIUM, TOTAL	002	S	90L0450	03/19/90	05/17/90	05/18/90
GRS-04-01A						
SILVER, TOTAL	003	S	90L0451	03/19/90	05/17/90	05/19/90
ARSENIC, TOTAL	003	S	90L0450	03/19/90	05/17/90	05/18/90
BARIUM, TOTAL	003	S	90L0451	03/19/90	05/17/90	05/19/90
CADMIUM, TOTAL	003	S	90L0451	03/19/90	05/17/90	05/19/90
CHROMIUM, TOTAL	003	S	90L0451	03/19/90	05/17/90	05/19/90
MERCURY, TOTAL	003	S	90C055B	03/19/90	04/04/90	04/05/90
LEAD, TOTAL	003	S	90L0450	03/19/90	05/17/90	05/18/90
SELENIUM, TOTAL	003	S	90L0450	03/19/90	05/17/90	05/18/90
GRS-05-01						
SILVER, TOTAL	005	S	90L0451	03/20/90	05/17/90	05/19/90
ARSENIC, TOTAL	005	S	90L0450	03/20/90	05/17/90	05/18/90
BARIUM, TOTAL	005	S	90L0451	03/20/90	05/17/90	05/19/90
CADMIUM, TOTAL	005	S	90L0451	03/20/90	05/17/90	05/19/90
CHROMIUM, TOTAL	005	S	90L0451	03/20/90	05/17/90	05/19/90
MERCURY, TOTAL	005	S	90C055B	03/20/90	04/04/90	04/05/90
LEAD, TOTAL	005	S	90L0450	03/20/90	05/17/90	05/18/90
SELENIUM, TOTAL	005	S	90L0450	03/20/90	05/17/90	05/18/90
GRS-06-01						
SILVER, TOTAL	006	S	90L0451	03/20/90	05/17/90	05/19/90
ARSENIC, TOTAL	006	S	90L0450	03/20/90	05/17/90	05/18/90
BARIUM, TOTAL	006	S	90L0451	03/20/90	05/17/90	05/19/90
CADMIUM, TOTAL	006	S	90L0451	03/20/90	05/17/90	05/19/90

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

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RFW LOT # :9003L865

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
CHROMIUM, TOTAL	006	S	90L0451	03/20/90	05/17/90	05/19/90
MERCURY, TOTAL	006	S	90C055B	03/20/90	04/04/90	04/05/90
LEAD, TOTAL	006	S	90L0450	03/20/90	05/17/90	05/18/90
SELENIUM, TOTAL	006	S	90L0450	03/20/90	05/17/90	05/18/90
GRS-11-01						
SILVER, TOTAL	007	S	90L0451	03/20/90	05/17/90	05/19/90
ARSENIC, TOTAL	007	S	90L0450	03/20/90	05/17/90	05/18/90
BARIUM, TOTAL	007	S	90L0451	03/20/90	05/17/90	05/19/90
CADMIUM, TOTAL	007	S	90L0451	03/20/90	05/17/90	05/19/90
CHROMIUM, TOTAL	007	S	90L0451	03/20/90	05/17/90	05/19/90
MERCURY, TOTAL	007	S	90C055B	03/20/90	04/04/90	04/05/90
LEAD, TOTAL	007	S	90L0450	03/20/90	05/17/90	05/18/90
SELENIUM, TOTAL	007	S	90L0450	03/20/90	05/17/90	05/18/90
GRS-01-01						
SILVER, TOTAL	008	S	90L0451	03/20/90	05/17/90	05/19/90
ARSENIC, TOTAL	008	S	90L0450	03/20/90	05/17/90	05/18/90
BARIUM, TOTAL	008	S	90L0451	03/20/90	05/17/90	05/19/90
CADMIUM, TOTAL	008	S	90L0451	03/20/90	05/17/90	05/19/90
CHROMIUM, TOTAL	008	S	90L0451	03/20/90	05/17/90	05/19/90
MERCURY, TOTAL	008	S	90C055B	03/20/90	04/04/90	04/05/90
LEAD, TOTAL	008	S	90L0450	03/20/90	05/17/90	05/18/90
SELENIUM, TOTAL	008	S	90L0450	03/20/90	05/17/90	05/18/90
GRS-13-01						
SILVER, TOTAL	010	S	90L0451	03/21/90	05/17/90	05/19/90
ARSENIC, TOTAL	010	S	90L0450	03/21/90	05/17/90	05/18/90
BARIUM, TOTAL	010	S	90L0451	03/21/90	05/17/90	05/19/90
CADMIUM, TOTAL	010	S	90L0451	03/21/90	05/17/90	05/19/90
CHROMIUM, TOTAL	010	S	90L0451	03/21/90	05/17/90	05/19/90
MERCURY, TOTAL	010	S	90C055B	03/21/90	04/04/90	04/05/90
LEAD, TOTAL	010	S	90L0450	03/21/90	05/17/90	05/18/90
SELENIUM, TOTAL	010	S	90L0450	03/21/90	05/17/90	05/18/90
GRS-14-01						
SILVER, TOTAL	011	S	90L0451	03/21/90	05/17/90	05/19/90

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 03/22/90

RFW LOT # :9003L865

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
ARSENIC, TOTAL	011	S	90L0450	03/21/90	05/17/90	05/18/90
BARIUM, TOTAL	011	S	90L0451	03/21/90	05/17/90	05/19/90
CADMIUM, TOTAL	011	S	90L0451	03/21/90	05/17/90	05/19/90
CHROMIUM, TOTAL	011	S	90L0451	03/21/90	05/17/90	05/19/90
MERCURY, TOTAL	011	S	90C055B	03/21/90	04/04/90	04/05/90
LEAD, TOTAL	011	S	90L0450	03/21/90	05/17/90	05/18/90
SELENIUM, TOTAL	011	S	90L0450	03/21/90	05/17/90	05/18/90

GRS-13-01E

SILVER, TOTAL	012	W	90L0297	03/21/90	03/29/90	04/02/90
ARSENIC, TOTAL	012	W	90L0296	03/21/90	03/29/90	04/02/90
BARIUM, TOTAL	012	W	90L0297	03/21/90	03/29/90	04/02/90
CADMIUM, TOTAL	012	W	90L0297	03/21/90	03/29/90	04/02/90
CHROMIUM, TOTAL	012	W	90L0297	03/21/90	03/29/90	04/02/90
MERCURY, TOTAL	012	W	90C056A	03/21/90	04/06/90	04/08/90
LEAD, TOTAL	012	W	90L0296	03/21/90	03/29/90	04/05/90
SELENIUM, TOTAL	012	W	90L0296	03/21/90	03/29/90	04/04/90

LAB QC:

SILVER LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
ALUMINUM LABORTORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
ARSENIC LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
BORON LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
BARIUM LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
BERYLLIUM LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
CALCIUM LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
CADMIUM LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
COBALT LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
CHROMIUM LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
COPPER LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
IRON LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
POTASSIUM LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
MAGNESIUM LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
MANGANESE LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
MOLYBDENUM LABORATOR	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
SODIUM LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
NICKEL LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
LEAD LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 03/22/90

RFW LOT # :9003L865

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
ANTIMONY LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
SELENIUM LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
SILICON LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/21/90
TIN LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
TITANIUM LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
THALLIUM LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
VANADIUM LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
ZINC LABORATORY	LC1 BS	S	90L0451	N/A	05/17/90	05/19/90
SILVER LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
ALUMINUM LABORTORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
ARSENIC LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
BORON LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
BARIUM LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
BERYLLIUM LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
CALCIUM LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
CADMIUM LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
COBALT LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
CHROMIUM LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
COPPER LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
IRON LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
POTASSIUM LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
MAGNESIUM LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
MANGANESE LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
MOLYBDENUM LABORATOR	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
SODIUM LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
NICKEL LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
LEAD LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
ANTIMONY LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
SELENIUM LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
SILICON LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/21/90
TIN LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
TITANIUM LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
THALLIUM LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
VANADIUM LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
ZINC LABORATORY	LC2 BS	S	90L0451	N/A	05/17/90	05/19/90
SILVER, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
ALUMINUM, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
ARSENIC, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
BORON, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
BARIUM, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 03/22/90

RFW LOT # :9003L865

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
BERYLLIUM, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
CALCIUM, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
CADMIUM, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
COBALT, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
CHROMIUM, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
COPPER, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
IRON, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
POTASSIUM, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
MAGNESIUM, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
MANGANESE, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
MOLYBDENUM, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
SODIUM, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
NICKEL, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
LEAD, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
ANTIMONY, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
SELENIUM, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
SILICON, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/21/90
TIN, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
TITANIUM, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
THALLIUM, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
VANADIUM, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
ZINC, TOTAL	MB1	S	90L0451	N/A	05/17/90	05/19/90
ARSENIC LABORATORY	LC1 BS	S	90L0450	N/A	05/17/90	05/18/90
LEAD LABORATORY	LC1 BS	S	90L0450	N/A	05/17/90	05/18/90
SELENIUM LABORATORY	LC1 BS	S	90L0450	N/A	05/17/90	05/18/90
ARSENIC LABORATORY	LC2 BS	S	90L0450	N/A	05/17/90	05/18/90
LEAD LABORATORY	LC2 BS	S	90L0450	N/A	05/17/90	05/18/90
SELENIUM LABORATORY	LC2 BS	S	90L0450	N/A	05/17/90	05/18/90
ARSENIC, TOTAL	MB1	S	90L0450	N/A	05/17/90	05/18/90
LEAD, TOTAL	MB1	S	90L0450	N/A	05/17/90	05/18/90
SELENIUM, TOTAL	MB1	S	90L0450	N/A	05/17/90	05/18/90
MERCURY LABORATORY	LC1 BS	S	90C055B	N/A	04/04/90	04/05/90
MERCURY LABORATORY	LC2 BS	S	90C055B	N/A	04/04/90	04/05/90
MERCURY LABORATORY	LC3 BS	S	90C055B	N/A	04/04/90	04/05/90
MERCURY LABORATORY	LC4 BS	S	90C055B	N/A	04/04/90	04/05/90
MERCURY, TOTAL	MB1	S	90C055B	N/A	04/04/90	04/05/90
MERCURY, TOTAL	MB2	S	90C055B	N/A	04/04/90	04/05/90
MERCURY, TOTAL	MB3	S	90C055B	N/A	04/04/90	04/05/90
MERCURY, TOTAL	MB4	S	90C055B	N/A	04/04/90	04/05/90
SILVER LABORATORY	LC1 BS	W	90L0297	N/A	03/29/90	04/02/90

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 03/22/90

RFW LOT # :9003L865

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
BARIUM LABORATORY	LC1 BS	W	90L0297	N/A	03/29/90	04/02/90
CALCIUM LABORATORY	LC1 BS	W	90L0297	N/A	03/29/90	04/02/90
CADMIUM LABORATORY	LC1 BS	W	90L0297	N/A	03/29/90	04/02/90
CHROMIUM LABORATORY	LC1 BS	W	90L0297	N/A	03/29/90	04/02/90
COPPER LABORATORY	LC1 BS	W	90L0297	N/A	03/29/90	04/02/90
IRON LABORATORY	LC1 BS	W	90L0297	N/A	03/29/90	04/02/90
MANGANESE LABORATORY	LC1 BS	W	90L0297	N/A	03/29/90	04/02/90
SODIUM LABORATORY	LC1 BS	W	90L0297	N/A	03/29/90	04/02/90
NICKEL LABORATORY	LC1 BS	W	90L0297	N/A	03/29/90	04/02/90
ZINC LABORATORY	LC1 BS	W	90L0297	N/A	03/29/90	04/02/90
SILVER LABORATORY	LC2 BS	W	90L0297	N/A	03/29/90	04/02/90
BARIUM LABORATORY	LC2 BS	W	90L0297	N/A	03/29/90	04/02/90
CALCIUM LABORATORY	LC2 BS	W	90L0297	N/A	03/29/90	04/02/90
CADMIUM LABORATORY	LC2 BS	W	90L0297	N/A	03/29/90	04/02/90
CHROMIUM LABORATORY	LC2 BS	W	90L0297	N/A	03/29/90	04/02/90
COPPER LABORATORY	LC2 BS	W	90L0297	N/A	03/29/90	04/02/90
IRON LABORATORY	LC2 BS	W	90L0297	N/A	03/29/90	04/02/90
MANGANESE LABORATORY	LC2 BS	W	90L0297	N/A	03/29/90	04/02/90
SODIUM LABORATORY	LC2 BS	W	90L0297	N/A	03/29/90	04/02/90
NICKEL LABORATORY	LC2 BS	W	90L0297	N/A	03/29/90	04/02/90
ZINC LABORATORY	LC2 BS	W	90L0297	N/A	03/29/90	04/02/90
SILVER, TOTAL	MB1	W	90L0297	N/A	03/29/90	04/02/90
BARIUM, TOTAL	MB1	W	90L0297	N/A	03/29/90	04/02/90
CALCIUM, TOTAL	MB1	W	90L0297	N/A	03/29/90	04/02/90
CADMIUM, TOTAL	MB1	W	90L0297	N/A	03/29/90	04/02/90
CHROMIUM, TOTAL	MB1	W	90L0297	N/A	03/29/90	04/02/90
COPPER, TOTAL	MB1	W	90L0297	N/A	03/29/90	04/02/90
IRON, TOTAL	MB1	W	90L0297	N/A	03/29/90	04/02/90
MANGANESE, TOTAL	MB1	W	90L0297	N/A	03/29/90	04/02/90
SODIUM, TOTAL	MB1	W	90L0297	N/A	03/29/90	04/02/90
NICKEL, TOTAL	MB1	W	90L0297	N/A	03/29/90	04/02/90
ZINC, TOTAL	MB1	W	90L0297	N/A	03/29/90	04/02/90
ARSENIC LABORATORY	LC1 BS	W	90L0296	N/A	03/29/90	04/02/90
LEAD LABORATORY	LC1 BS	W	90L0296	N/A	03/29/90	04/05/90
SELENIUM LABORATORY	LC1 BS	W	90L0296	N/A	03/29/90	04/04/90
ARSENIC LABORATORY	LC2 BS	W	90L0296	N/A	03/29/90	04/02/90
LEAD LABORATORY	LC2 BS	W	90L0296	N/A	03/29/90	04/05/90
SELENIUM LABORATORY	LC2 BS	W	90L0296	N/A	03/29/90	04/04/90
ARSENIC, TOTAL	MB1	W	90L0296	N/A	03/29/90	04/02/90
LEAD, TOTAL	MB1	W	90L0296	N/A	03/29/90	04/05/90

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 03/22/90

RFW LOT # :9003L865

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
SELENIUM, TOTAL	MB1	W	90L0296	N/A	03/29/90	04/04/90
MERCURY LABORATORY	LC1 BS	S	90C056A	N/A	04/06/90	04/08/90
MERCURY LABORATORY	LC2 BS	S	90C056A	N/A	04/06/90	04/08/90
MERCURY LABORATORY	LC3 BS	S	90C056A	N/A	04/06/90	04/08/90
MERCURY, TOTAL	MB1	S	90C056A	N/A	04/06/90	04/08/90
MERCURY, TOTAL	MB2	S	90C056A	N/A	04/06/90	04/08/90
MERCURY, TOTAL	MB3	S	90C056A	N/A	04/06/90	04/08/90

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WSRC-GRACE ROAD
RFW #: 9002L607
W.O. #: 0630-28-12

SAMPLES RECEIVED: 02-23-90

METALS NARRATIVE

The following is a summary of the quality control results and a description of any problems encountered during the analysis of this batch of samples:

1. All sample holding times as required by 40CFR136 were met for water samples. Note: Holding times for soil samples have not been promulgated by the USEPA.
2. All calibration verification checks were within the required control limits of 90-100% (85-115% for Hg). Calibration verification is performed using independent standards from Inorganic Ventures, Inc.
3. All preparation blanks were analyzed below the required detection limit.
4. Laboratory control standards were within the control limits of 80-120% with the exception of silver (59%) for site ID# 90L0226-LC1. The blank spike reproducibility was outside the 20% window for silver at 58%.

Note: The USEPA-CLP has dropped control limits for silver and antimony due to documented difficulties in obtaining reliable results. WESTON Analytics has adopted the same policy.

5. The analytical methods applied by the laboratory for the determination of metals are:

As: EPA 206.2	Hg: EPA 245.1
Se: EPA 270.2	ICP Scan: EPA 200.7
Pb: EPA 239.2	All Others: EPA 200.7
Tl: EPA 279.2	EP Leachates (except Hg): 200.7

NOTE: For solid samples, all results are reported on a dry weight basis.

Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

4-9-90
Date

ROY F. WESTON, INC.

GLOSSARY OF TERMS - INORGANIC REPORTS

DATA QUALIFIERS

- U - Indicates that the parameter was not detected at or above the reported limit. The associated numerical value is the sample detection limit.
- * - Indicates that the original sample result is greater than 4x the spike amount added. The USEPA-CLP has determined that spike results on samples where this occurs may be unreliable and, therefore, the control limits are not applicable.

ABBREVIATIONS

- MB - Method or preparation blank.
- MS - Matrix Spike.
- MSD - Matrix Spike Duplicate.
- REP - Sample Replicate.
- LC - Indicates a method LCS or Blank Spike.
- NC - Not calculable, result below the detection limit.

LABORATORY CHRONOLOGY AND HOLDTIME REPORT

The test code listed indicates the specific analysis or preparation procedure employed. The codes may be interpreted as follows:

- MAAW - Metals prep test for AA digestion, water matrix.
- MAAS - Metals prep test for AA digestion, soil matrix.
- MICW - Metals prep test for ICP digestion, water matrix.
- MICS - Metals prep test for ICP digestion, soil matrix.
- M**TO- This type of code indicates a total metal analysis (eg. MAGTO indicates an analysis for total silver).
- M**SO- This type of code indicates a soluble metal analysis. (eg. MAGSO indicates an analysis for soluble silver).
- M**EP- This type of code indicates an EPTOXICITY metals analysis (eg. MAGEP indicates an analysis for eptox silver).
- I**TO- This type of code indicates a non-metallic total analysis. There is also a complimentary soluble analysis for each of these codes (eg. ICNTO indicates an analysis for total cyanide).

A suffix of -R or -S following these codes indicates a replicate or spike analysis respectively.

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 04/09/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L607

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
=====	=====	=====	=====	=====	=====
-001	GRS-08-01	SILVER, TOTAL	2.0 u	MG/KG	2.0
		ARSENIC, TOTAL	2.6	MG/KG	2.0
		BARIUM, TOTAL	40.0 u	MG/KG	40.0
		BERYLLIUM, TOTAL	1.0 u	MG/KG	1.0
		CADMIUM, TOTAL	1.0 u	MG/KG	1.0
		COBALT, TOTAL	10.0 u	MG/KG	10.0
		CHROMIUM, TOTAL	29.6	MG/KG	2.0
		COPPER, TOTAL	5.0 u	MG/KG	5.0
		MERCURY, TOTAL	0.12 u	MG/KG	0.12
		NICKEL, TOTAL	8.0 u	MG/KG	8.0
		LEAD, TOTAL	8.4	MG/KG	0.60
		ANTIMONY, TOTAL	12.0 u	MG/KG	12.0
		SELENIUM, TOTAL	0.99 u	MG/KG	0.99
		TIN, TOTAL	32.5	MG/KG	20.0
		THALLIUM, TOTAL	2.0 u	MG/KG	2.0
		VANADIUM, TOTAL	61.8	MG/KG	10.0
		ZINC, TOTAL	7.0	MG/KG	4.0

ROY F. WESTON INC.

INORGANICS METHOD BLANK DATA SUMMARY PAGE 04/09/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L607

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
=====	=====	=====	=====	=====	=====
BLANK1	90L0226-MB1	SILVER, TOTAL	2.0 u	MG/KG	2.0
		BARIUM, TOTAL	40.0 u	MG/KG	40.0
		BERYLLIUM, TOTAL	1.0 u	MG/KG	1.0
		CADMIUM, TOTAL	1.0 u	MG/KG	1.0
		COBALT, TOTAL	10.0 u	MG/KG	10.0
		CHROMIUM, TOTAL	2.0 u	MG/KG	2.0
		COPPER, TOTAL	5.0 u	MG/KG	5.0
		NICKEL, TOTAL	8.0 u	MG/KG	8.0
		ANTIMONY, TOTAL	12.0 u	MG/KG	12.0
		TIN, TOTAL	20.0 u	MG/KG	20.0
		VANADIUM, TOTAL	10.0 u	MG/KG	10.0
		ZINC, TOTAL	4.0 u	MG/KG	4.0
BLANK1	90L0225-MB1	ARSENIC, TOTAL	2.0 u	MG/KG	2.0
		LEAD, TOTAL	0.60 u	MG/KG	0.60
		SELENIUM, TOTAL	1.0 u	MG/KG	1.0
		THALLIUM, TOTAL	2.0 u	MG/KG	2.0
BLANK1	90C042B-MB1	MERCURY, TOTAL	0.10 u	MG/KG	0.10
BLANK2	90C042B-MB2	MERCURY, TOTAL	0.10 u	MG/KG	0.10
BLANK3	90C042B-MB3	MERCURY, TOTAL	0.10 u	MG/KG	0.10
BLANK4	90C042B-MB4	MERCURY, TOTAL	0.10 u	MG/KG	0.10

ROY F. WESTON INC.

INORGANICS DUPLICATE SPIKE REPORT 04/09/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L607

SAMPLE	SITE ID	ANALYTE	SPIKE#1 %RECOV	SPIKE#2 %RECOV	%DIFF
LCS2	90L0226-LC2	SILVER, LCS	59.0	107	57.6
		BARIUM, LCS	102	101	0.74
		BERYLLIUM, LCS	107	108	1.3
		CADMIUM, LCS	106	106	0.30
		COBALT, LCS	104	104	0.029
		CHROMIUM, LCS	112	111	0.50
		COPPER, LCS	109	110	0.95
		NICKEL, LCS	104	105	0.48
		ANTIMONY, LCS	93.1	93.7	0.64
		TIN, LCS	92.6	93.0	0.41
		VANADIUM, LCS	116	118	1.7
LCS2	90L0225-LC2	ZINC, LCS	103	103	0.058
		ARSENIC, LCS	94.0	97.7	3.8
		LEAD, LCS	113	112	0.89
		SELENIUM, LCS	111	113	1.5
LCS2	90C042B-LC2	THALLIUM, LCS	107	109	1.2
		MERCURY, LCS	86.2	90.4	4.8

ROY F. WESTON INC.

INORGANICS LABORATORY CONTROL STANDARDS REPORT 04/09/90

SAMPLE	SITE ID	ANALYTE	SPIKED SAMPLE	SPIKED AMOUNT	UNITS	%RECOV
=====	=====	=====	=====	=====	=====	=====
LCS1	90L0226-LC1	SILVER, LCS	59.0	100	MG/KG	59.0
		BARIUM, LCS	1020	1000	MG/KG	102
		BERYLLIUM, LCS	53.3	50.0	MG/KG	107
		CADMIUM, LCS	53.1	50.0	MG/KG	106
		COBALT, LCS	520	500	MG/KG	104
		CHROMIUM, LCS	112	100	MG/KG	112
		COPPER, LCS	271	250	MG/KG	109
		NICKEL, LCS	417	400	MG/KG	104
		ANTIMONY, LCS	559	600	MG/KG	93.1
		TIN, LCS	926	1000	MG/KG	92.6
		VANADIUM, LCS	580	500	MG/KG	116
		ZINC, LCS	205	200	MG/KG	103
LCS2	90L0226-LC2	SILVER, LCS	107	100	MG/KG	107
		BARIUM, LCS	1010	1000	MG/KG	101
		BERYLLIUM, LCS	54.1	50.0	MG/KG	108
		CADMIUM, LCS	53.0	50.0	MG/KG	106
		COBALT, LCS	520	500	MG/KG	104
		CHROMIUM, LCS	111	100	MG/KG	111
		COPPER, LCS	274	250	MG/KG	110
		NICKEL, LCS	419	400	MG/KG	105
		ANTIMONY, LCS	562	600	MG/KG	93.7
		TIN, LCS	930	1000	MG/KG	93.0
		VANADIUM, LCS	590	500	MG/KG	118
		ZINC, LCS	206	200	MG/KG	103
LCS1	90L0225-LC1	ARSENIC, LCS	5.6	6.0	MG/KG	94.0
		LEAD, LCS	6.8	6.0	MG/KG	113
		SELENIUM, LCS	6.7	6.0	MG/KG	111
		THALLIUM, LCS	6.4	6.0	MG/KG	107
LCS2	90L0225-LC2	ARSENIC, LCS	5.9	6.0	MG/KG	97.7
		LEAD, LCS	6.7	6.0	MG/KG	112
		SELENIUM, LCS	6.8	6.0	MG/KG	113
		THALLIUM, LCS	6.5	6.0	MG/KG	109
LCS1	90C042B-LC1	MERCURY, LCS	0.86	1.0	MG/KG	86.2
LCS2	90C042B-LC2	MERCURY, LCS	0.90	1.0	MG/KG	90.4
LCS3	90C042B-LC3	MERCURY, LCS	0.90	1.0	MG/KG	90.4

ROY F. WESTON INC.

INORGANICS LABORATORY CONTROL STANDARDS REPORT 04/09/90

SAMPLE =====	SITE ID =====	ANALYTE =====	SPIKED SAMPLE =====	SPIKED AMOUNT =====	UNITS =====	%RECOV =====
LCS4	90C042B-LC4	MERCURY, LCS	0.95	1.0	MG/KG	94.6

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L607

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
GRS-08-01						
SILVER, TOTAL	001	S	90L0226	02/21/90	03/09/90	03/23/90
ARSENIC, TOTAL	001	S	90L0225	02/21/90	03/09/90	03/30/90
BARIUM, TOTAL	001	S	90L0226	02/21/90	03/09/90	03/23/90
BERYLLIUM, TOTAL	001	S	90L0226	02/21/90	03/09/90	03/23/90
CADMIUM, TOTAL	001	S	90L0226	02/21/90	03/09/90	03/23/90
COBALT, TOTAL	001	S	90L0226	02/21/90	03/09/90	03/23/90
CHROMIUM, TOTAL	001	S	90L0226	02/21/90	03/09/90	03/23/90
COPPER, TOTAL	001	S	90L0226	02/21/90	03/09/90	03/23/90
MERCURY, TOTAL	001	S	90C042B	02/21/90	03/16/90	03/19/90
NICKEL, TOTAL	001	S	90L0226	02/21/90	03/09/90	03/23/90
LEAD, TOTAL	001	S	90L0225	02/21/90	03/09/90	04/05/90
ANTIMONY, TOTAL	001	S	90L0226	02/21/90	03/09/90	03/23/90
SELENIUM, TOTAL	001	S	90L0225	02/21/90	03/09/90	04/01/90
TIN, TOTAL	001	S	90L0226	02/21/90	03/09/90	03/23/90
THALLIUM, TOTAL	001	S	90L0225	02/21/90	03/09/90	04/04/90
VANADIUM, TOTAL	001	S	90L0226	02/21/90	03/09/90	03/23/90
ZINC, TOTAL	001	S	90L0226	02/21/90	03/09/90	03/23/90

LAB QC:

SILVER LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
BARIUM LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
BERYLLIUM LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
CADMIUM LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
COBALT LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
CHROMIUM LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
COPPER LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
NICKEL LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
ANTIMONY LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
TIN LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
VANADIUM LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
ZINC LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
SILVER LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
BARIUM LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
BERYLLIUM LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
CADMIUM LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
COBALT LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L607

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
CHROMIUM LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
COPPER LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
NICKEL LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
ANTIMONY LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
TIN LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
VANADIUM LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
ZINC LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
SILVER, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
BARIUM, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
BERYLLIUM, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
CADMIUM, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
COBALT, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
CHROMIUM, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
COPPER, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
NICKEL, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
ANTIMONY, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
TIN, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
VANADIUM, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
ZINC, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
ARSENIC LABORATORY	LC1 BS	S	90L0225	N/A	03/09/90	03/30/90
LEAD LABORATORY	LC1 BS	S	90L0225	N/A	03/09/90	04/05/90
SELENIUM LABORATORY	LC1 BS	S	90L0225	N/A	03/09/90	04/01/90
THALLIUM LABORATORY	LC1 BS	S	90L0225	N/A	03/09/90	04/04/90
ARSENIC LABORATORY	LC2 BS	S	90L0225	N/A	03/09/90	03/30/90
LEAD LABORATORY	LC2 BS	S	90L0225	N/A	03/09/90	04/05/90
SELENIUM LABORATORY	LC2 BS	S	90L0225	N/A	03/09/90	04/01/90
THALLIUM LABORATORY	LC2 BS	S	90L0225	N/A	03/09/90	04/04/90
ARSENIC, TOTAL	MB1	S	90L0225	N/A	03/09/90	03/30/90
LEAD, TOTAL	MB1	S	90L0225	N/A	03/09/90	04/05/90
SELENIUM, TOTAL	MB1	S	90L0225	N/A	03/09/90	04/01/90
THALLIUM, TOTAL	MB1	S	90L0225	N/A	03/09/90	04/04/90
MERCURY LABORATORY	LC1 BS	W	90C042B	N/A	03/16/90	03/19/90
MERCURY LABORATORY	LC2 BS	W	90C042B	N/A	03/16/90	03/19/90
MERCURY LABORATORY	LC3 BS	W	90C042B	N/A	03/16/90	03/19/90
MERCURY LABORATORY	LC4 BS	W	90C042B	N/A	03/16/90	03/19/90
MERCURY, TOTAL	MB1	W	90C042B	N/A	03/16/90	03/19/90
MERCURY, TOTAL	MB2	W	90C042B	N/A	03/16/90	03/19/90
MERCURY, TOTAL	MB3	W	90C042B	N/A	03/16/90	03/19/90
MERCURY, TOTAL	MB4	W	90C042B	N/A	03/16/90	03/19/90

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WSRC-GRACE ROAD
RFW #: 9002L606
W.O. #: 0630-28-12

SAMPLES RECEIVED: 02-23-90

METALS NARRATIVE

The following is a summary of the quality control results and a description of any problems encountered during the analysis of this batch of samples:

1. All sample holding times as required by 40CFR136 were met for water samples. Note: Holding times for soil samples have not been promulgated by the USEPA.
2. All calibration verification checks were within the required control limits of 90-100% (85-115% for Hg). Calibration verification is performed using independent standards from Inorganic Ventures, Inc.
3. All preparation blanks were analyzed below the required detection limit.
4. Laboratory control standards were within the control limits of 80-120% with the exception of silver (59%) for site ID# 90L0226-LC1. The blank spike reproducibility was outside the 20% window for silver at 58%.

Note: The USEPA-CLP has dropped control limits for silver and antimony due to documented difficulties in obtaining reliable results. WESTON Analytics has adopted the same policy.

5. The analytical methods applied by the laboratory for the determination of metals are:

As: EPA 206.2
Se: EPA 270.2
Pb: EPA 239.2
Tl: EPA 279.2

Hg: EPA 245.1
ICP Scan: EPA 200.7
All Others: EPA 200.7
EP Leachates (except Hg): 200.7

NOTE: For solid samples, all results are reported on a dry weight basis.

Jack R. Tuschall
Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

4-9-90
Date

GLOSSARY OF TERMS - INORGANIC REPORTS

DATA QUALIFIERS

- U - Indicates that the parameter was not detected at or above the reported limit. The associated numerical value is the sample detection limit.
- * - Indicates that the original sample result is greater than 4x the spike amount added. The USEPA-CLP has determined that spike results on samples where this occurs may be unreliable and, therefore, the control limits are not applicable.

ABBREVIATIONS

- MB - Method or preparation blank.
- MS - Matrix Spike.
- MSD - Matrix Spike Duplicate.
- REP - Sample Replicate.
- LC - Indicates a method LCS or Blank Spike.
- NC - Not calculable, result below the detection limit.

LABORATORY CHRONOLOGY AND HOLDTIME REPORT

The test code listed indicates the specific analysis or preparation procedure employed. The codes may be interpreted as follows:

- MAAW - Metals prep test for AA digestion, water matrix.
- MAAS - Metals prep test for AA digestion, soil matrix.
- MICW - Metals prep test for ICP digestion, water matrix.
- MICS - Metals prep test for ICP digestion, soil matrix.
- M**TO- This type of code indicates a total metal analysis (eg. MAGTO indicates an analysis for total silver).
- M**SO- This type of code indicates a soluble metal analysis. (eg. MAGSO indicates an analysis for soluble silver).
- M**EP- This type of code indicates an EPTOXICITY metals analysis (eg. MAGEP indicates an analysis for eptox silver).
- I**TO- This type of code indicates a non-metallic total analysis. There is also a complimentary soluble analysis for each of these codes (eg. ICNTO indicates an analysis for total cyanide).

A suffix of -R or -S following these codes indicates a replicate or spike analysis respectively.

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 04/09/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L606

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
-001	GRS-10-01	SILVER, TOTAL	1.9	u MG/KG	1.9
		ARSENIC, TOTAL	1.9	u MG/KG	1.9
		BARIUM, TOTAL	37.3	u MG/KG	37.3
		CADMIUM, TOTAL	0.93	u MG/KG	0.93
		CHROMIUM, TOTAL	4.2	MG/KG	1.9
		MERCURY, TOTAL	0.11	u MG/KG	0.11
		LEAD, TOTAL	1.4	MG/KG	0.58
		SELENIUM, TOTAL	0.97	u MG/KG	0.97

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 04/09/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L606

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
-004	GRS-09-01	SILVER, TOTAL	2.1 u	MG/KG	2.1
		ARSENIC, TOTAL	1.5 u	MG/KG	1.5
		BARIUM, TOTAL	41.7 u	MG/KG	41.7
		CADMIUM, TOTAL	1.0 u	MG/KG	1.0
		CHROMIUM, TOTAL	3.9	MG/KG	2.1
		MERCURY, TOTAL	0.11 u	MG/KG	0.11
		LEAD, TOTAL	2.0	MG/KG	0.46
		SELENIUM, TOTAL	0.77 u	MG/KG	0.77

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 04/09/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L606

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
-007	GRS-07-01	SILVER, TOTAL	2.1	u MG/KG	2.1
		ARSENIC, TOTAL	3.2	MG/KG	2.1
		BARIUM, TOTAL	42.4	u MG/KG	42.4
		CADMIUM, TOTAL	1.1	u MG/KG	1.1
		CHROMIUM, TOTAL	28.8	MG/KG	2.1
		MERCURY, TOTAL	0.12	u MG/KG	0.12
		LEAD, TOTAL	8.9	MG/KG	0.64
		SELENIUM, TOTAL	1.1	u MG/KG	1.1

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 04/09/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L606

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
-008	GRS-07-01A	SILVER, TOTAL	2.0 u	MG/KG	2.0
		ARSENIC, TOTAL	2.7	MG/KG	2.1
		BARIUM, TOTAL	39.3 u	MG/KG	39.3
		CADMIUM, TOTAL	0.98 u	MG/KG	0.98
		CHROMIUM, TOTAL	29.0	MG/KG	2.0
		MERCURY, TOTAL	0.12 u	MG/KG	0.12
		LEAD, TOTAL	8.1	MG/KG	0.63
		SELENIUM, TOTAL	1.1 u	MG/KG	1.1

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 04/09/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L606

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
-014	GRS-08-03E	SILVER, TOTAL	10.0	u UG/L	10.0
		ARSENIC, TOTAL	10.0	u UG/L	10.0
		BARIUM, TOTAL	200	u UG/L	200
		CADMIUM, TOTAL	5.0	u UG/L	5.0
		CHROMIUM, TOTAL	10.0	u UG/L	10.0
		MERCURY, TOTAL	0.20	u UG/L	0.20
		LEAD, TOTAL	3.0	u UG/L	3.0
		SELENIUM, TOTAL	5.0	u UG/L	5.0

ROY F. WESTON INC.

INORGANICS METHOD BLANK DATA SUMMARY PAGE 04/09/90

CLIENT: WSRC-GRACE ROAD
 WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L606

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
BLANK1	90L0226-MB1	SILVER, TOTAL	2.0 u	MG/KG	2.0
		BARIUM, TOTAL	40.0 u	MG/KG	40.0
		CADMIUM, TOTAL	1.0 u	MG/KG	1.0
		CHROMIUM, TOTAL	2.0 u	MG/KG	2.0
BLANK1	90L0225-MB1	ARSENIC, TOTAL	2.0 u	MG/KG	2.0
		LEAD, TOTAL	0.60 u	MG/KG	0.60
		SELENIUM, TOTAL	1.0 u	MG/KG	1.0
BLANK1	90C042B-MB1	MERCURY, TOTAL	0.10 u	MG/KG	0.10
BLANK2	90C042B-MB2	MERCURY, TOTAL	0.10 u	MG/KG	0.10
BLANK3	90C042B-MB3	MERCURY, TOTAL	0.10 u	MG/KG	0.10
BLANK4	90C042B-MB4	MERCURY, TOTAL	0.10 u	MG/KG	0.10
BLANK1	90L0219-MB1	SILVER, TOTAL	10.0 u	UG/L	10.0
		BARIUM, TOTAL	200 u	UG/L	200
		CADMIUM, TOTAL	5.0 u	UG/L	5.0
		CHROMIUM, TOTAL	10.0 u	UG/L	10.0
BLANK1	90L0218-MB1	ARSENIC, TOTAL	10.0 u	UG/L	10.0
		LEAD, TOTAL	3.0 u	UG/L	3.0
		SELENIUM, TOTAL	5.0 u	UG/L	5.0
BLANK1	90C042A-MB1	MERCURY, TOTAL	0.20 u	UG/L	0.20
BLANK2	90C042A-MB2	MERCURY, TOTAL	0.20 u	UG/L	0.20

ROY F. WESTON INC.

INORGANICS METHOD BLANK DATA SUMMARY PAGE 04/09/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L606

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
BLANK3	90C042A-MB3	MERCURY, TOTAL	0.20 u	UG/L	0.20
BLANK4	90C042A-MB4	MERCURY, TOTAL	0.20 u	UG/L	0.20

ROY F. WESTON INC.

INORGANICS DUPLICATE SPIKE REPORT 04/09/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L606

SAMPLE	SITE ID	ANALYTE	SPIKE#1 %RECOV	SPIKE#2 %RECOV	%DIFF
LCS2	90L0226-LC2	SILVER, LCS	59.0	107	57.6
		BARIUM, LCS	102	101	0.74
		CADMIUM, LCS	106	106	0.30
		CHROMIUM, LCS	112	111	0.50
LCS2	90L0225-LC2	ARSENIC, LCS	94.0	97.7	3.8
		LEAD, LCS	113	112	0.89
		SELENIUM, LCS	111	113	1.5
LCS2	90C042B-LC2	MERCURY, LCS	86.2	90.4	4.8
LCS2	90L0219-LC2	SILVER, LCS	127	119	6.0
		BARIUM, LCS	102	101	1.2
		CADMIUM, LCS	115	111	3.4
		CHROMIUM, LCS	120	116	3.3
LCS2	90L0218-LC2	ARSENIC, LCS	87.0	90.7	4.1
		LEAD, LCS	105	104	0.95
		SELENIUM, LCS	110	113	2.7
LCS2	90C042A-LC2	MERCURY, LCS	86.2	90.4	4.8

ROY F. WESTON INC.

INORGANICS LABORATORY CONTROL STANDARDS REPORT 04/09/90

SAMPLE =====	SITE ID =====	ANALYTE =====	SPIKED SAMPLE =====	SPIKED AMOUNT =====	UNITS =====	%RECOV =====
LCS1	90L0226-LC1	SILVER, LCS	59.0	100	MG/KG	59.0
		BARIUM, LCS	1020	1000	MG/KG	102
		CADMIUM, LCS	53.1	50.0	MG/KG	106
		CHROMIUM, LCS	112	100	MG/KG	112
LCS2	90L0226-LC2	SILVER, LCS	107	100	MG/KG	107
		BARIUM, LCS	1010	1000	MG/KG	101
		CADMIUM, LCS	53.0	50.0	MG/KG	106
		CHROMIUM, LCS	111	100	MG/KG	111
LCS1	90L0225-LC1	ARSENIC, LCS	5.6	6.0	MG/KG	94.0
		LEAD, LCS	6.8	6.0	MG/KG	113
		SELENIUM, LCS	6.7	6.0	MG/KG	111
LCS2	90L0225-LC2	ARSENIC, LCS	5.9	6.0	MG/KG	97.7
		LEAD, LCS	6.7	6.0	MG/KG	112
		SELENIUM, LCS	6.8	6.0	MG/KG	113
LCS1	90C042B-LC1	MERCURY, LCS	0.86	1.0	MG/KG	86
LCS2	90C042B-LC2	MERCURY, LCS	0.90	1.0	MG/KG	90.4
LCS3	90C042B-LC3	MERCURY, LCS	0.90	1.0	MG/KG	90.4
LCS4	90C042B-LC4	MERCURY, LCS	0.95	1.0	MG/KG	94.6
LCS1	90L0219-LC1	SILVER, LCS	633	500	UG/L	127
		BARIUM, LCS	5100	5000	UG/L	102
		CADMIUM, LCS	287	250	UG/L	115
		CHROMIUM, LCS	599	500	UG/L	120
LCS2	90L0219-LC2	SILVER, LCS	596	500	UG/L	119
		BARIUM, LCS	5040	5000	UG/L	101
		CADMIUM, LCS	278	250	UG/L	111
		CHROMIUM, LCS	580	500	UG/L	116

ROY F. WESTON INC.

INORGANICS LABORATORY CONTROL STANDARDS REPORT 04/09/90

SAMPLE =====	SITE ID =====	ANALYTE =====	SPIKED SAMPLE =====	SPIKED AMOUNT =====	UNITS =====	%RECOV =====
LCS1	90L0218-LC1	ARSENIC, LCS	26.1	30.0	UG/L	87.0
		LEAD, LCS	31.6	30.0	UG/L	105
		SELENIUM, LCS	33.1	30.0	UG/L	110
LCS2	90L0218-LC2	ARSENIC, LCS	27.2	30.0	UG/L	90.7
		LEAD, LCS	31.3	30.0	UG/L	104
		SELENIUM, LCS	34.0	30.0	UG/L	113
LCS1	90C042A-LC1	MERCURY, LCS	1.7	2.0	UG/L	86.2
LCS2	90C042A-LC2	MERCURY, LCS	1.8	2.0	UG/L	90.4
LCS3	90C042A-LC3	MERCURY, LCS	1.8	2.0	UG/L	90.4
LCS4	90C042A-LC4	MERCURY, LCS	1.9	2.0	UG/L	94.6

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L606

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
GRS-10-01						
SILVER, TOTAL	001	S	90L0226	02/20/90	03/09/90	03/23/90
ARSENIC, TOTAL	001	S	90L0225	02/20/90	03/09/90	03/30/90
BARIUM, TOTAL	001	S	90L0226	02/20/90	03/09/90	03/23/90
CADMIUM, TOTAL	001	S	90L0226	02/20/90	03/09/90	03/23/90
CHROMIUM, TOTAL	001	S	90L0226	02/20/90	03/09/90	03/23/90
MERCURY, TOTAL	001	S	90C042B	02/20/90	03/16/90	03/19/90
LEAD, TOTAL	001	S	90L0225	02/20/90	03/09/90	04/05/90
SELENIUM, TOTAL	001	S	90L0225	02/20/90	03/09/90	04/01/90
GRS-09-01						
SILVER, TOTAL	004	S	90L0226	02/20/90	03/09/90	03/23/90
ARSENIC, TOTAL	004	S	90L0225	02/20/90	03/09/90	03/30/90
BARIUM, TOTAL	004	S	90L0226	02/20/90	03/09/90	03/23/90
CADMIUM, TOTAL	004	S	90L0226	02/20/90	03/09/90	03/23/90
CHROMIUM, TOTAL	004	S	90L0226	02/20/90	03/09/90	03/23/90
MERCURY, TOTAL	004	S	90C042B	02/20/90	03/16/90	03/19/90
LEAD, TOTAL	004	S	90L0225	02/20/90	03/09/90	04/05/90
SELENIUM, TOTAL	004	S	90L0225	02/20/90	03/09/90	04/01/90
GRS-07-01						
SILVER, TOTAL	007	S	90L0226	02/21/90	03/09/90	03/23/90
ARSENIC, TOTAL	007	S	90L0225	02/21/90	03/09/90	03/30/90
BARIUM, TOTAL	007	S	90L0226	02/21/90	03/09/90	03/23/90
CADMIUM, TOTAL	007	S	90L0226	02/21/90	03/09/90	03/23/90
CHROMIUM, TOTAL	007	S	90L0226	02/21/90	03/09/90	03/23/90
MERCURY, TOTAL	007	S	90C042B	02/21/90	03/16/90	03/19/90
LEAD, TOTAL	007	S	90L0225	02/21/90	03/09/90	04/05/90
SELENIUM, TOTAL	007	S	90L0225	02/21/90	03/09/90	04/01/90
GRS-07-01A						
SILVER, TOTAL	008	S	90L0226	02/21/90	03/09/90	03/23/90
ARSENIC, TOTAL	008	S	90L0225	02/21/90	03/09/90	03/30/90
BARIUM, TOTAL	008	S	90L0226	02/21/90	03/09/90	03/23/90
CADMIUM, TOTAL	008	S	90L0226	02/21/90	03/09/90	03/23/90

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L606

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
CHROMIUM, TOTAL	008	S	90L0226	02/21/90	03/09/90	03/23/90
MERCURY, TOTAL	008	S	90C042B	02/21/90	03/16/90	03/19/90
LEAD, TOTAL	008	S	90L0225	02/21/90	03/09/90	04/05/90
SELENIUM, TOTAL	008	S	90L0225	02/21/90	03/09/90	04/01/90

GRS-08-03E

SILVER, TOTAL	014	W	90L0219	02/21/90	03/08/90	03/23/90
ARSENIC, TOTAL	014	W	90L0218	02/21/90	03/08/90	03/30/90
BARIUM, TOTAL	014	W	90L0219	02/21/90	03/08/90	03/23/90
CADMIUM, TOTAL	014	W	90L0219	02/21/90	03/08/90	03/23/90
CHROMIUM, TOTAL	014	W	90L0219	02/21/90	03/08/90	03/23/90
MERCURY, TOTAL	014	W	90C042A	02/21/90	03/16/90	03/19/90
LEAD, TOTAL	014	W	90L0218	02/21/90	03/08/90	04/05/90
SELENIUM, TOTAL	014	W	90L0218	02/21/90	03/08/90	04/02/90

LAB QC:

SILVER LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
BARIUM LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
BERYLLIUM LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
CADMIUM LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
COBALT LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
CHROMIUM LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
COPPER LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
NICKEL LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
ANTIMONY LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
TIN LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
VANADIUM LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
ZINC LABORATORY	LC1 BS	S	90L0226	N/A	03/09/90	03/23/90
SILVER LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
BARIUM LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
BERYLLIUM LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
CADMIUM LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
COBALT LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
CHROMIUM LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
COPPER LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
NICKEL LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
ANTIMONY LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
TIN LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L606

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
VANADIUM LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
ZINC LABORATORY	LC2 BS	S	90L0226	N/A	03/09/90	03/23/90
SILVER, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
BARIUM, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
BERYLLIUM, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
CADMIUM, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
COBALT, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
CHROMIUM, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
COPPER, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
NICKEL, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
ANTIMONY, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
TIN, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
VANADIUM, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
ZINC, TOTAL	MB1	S	90L0226	N/A	03/09/90	03/23/90
ARSENIC LABORATORY	LC1 BS	S	90L0225	N/A	03/09/90	03/30/90
LEAD LABORATORY	LC1 BS	S	90L0225	N/A	03/09/90	04/05/90
SELENIUM LABORATORY	LC1 BS	S	90L0225	N/A	03/09/90	04/01/90
THALLIUM LABORATORY	LC1 BS	S	90L0225	N/A	03/09/90	04/04/90
ARSENIC LABORATORY	LC2 BS	S	90L0225	N/A	03/09/90	03/30/90
LEAD LABORATORY	LC2 BS	S	90L0225	N/A	03/09/90	04/05/90
SELENIUM LABORATORY	LC2 BS	S	90L0225	N/A	03/09/90	04/01/90
THALLIUM LABORATORY	LC2 BS	S	90L0225	N/A	03/09/90	04/04/90
ARSENIC, TOTAL	MB1	S	90L0225	N/A	03/09/90	03/30/90
LEAD, TOTAL	MB1	S	90L0225	N/A	03/09/90	04/05/90
SELENIUM, TOTAL	MB1	S	90L0225	N/A	03/09/90	04/01/90
THALLIUM, TOTAL	MB1	S	90L0225	N/A	03/09/90	04/04/90
MERCURY LABORATORY	LC1 BS	W	90C042B	N/A	03/16/90	03/19/90
MERCURY LABORATORY	LC2 BS	W	90C042B	N/A	03/16/90	03/19/90
MERCURY LABORATORY	LC3 BS	W	90C042B	N/A	03/16/90	03/19/90
MERCURY LABORATORY	LC4 BS	W	90C042B	N/A	03/16/90	03/19/90
MERCURY, TOTAL	MB1	W	90C042B	N/A	03/16/90	03/19/90
MERCURY, TOTAL	MB2	W	90C042B	N/A	03/16/90	03/19/90
MERCURY, TOTAL	MB3	W	90C042B	N/A	03/16/90	03/19/90
MERCURY, TOTAL	MB4	W	90C042B	N/A	03/16/90	03/19/90
SILVER LABORATORY	LC1 BS	W	90L0219	N/A	03/08/90	03/23/90
BARIUM LABORATORY	LC1 BS	W	90L0219	N/A	03/08/90	03/23/90
CADMIUM LABORATORY	LC1 BS	W	90L0219	N/A	03/08/90	03/23/90
CHROMIUM LABORATORY	LC1 BS	W	90L0219	N/A	03/08/90	03/23/90
SILVER LABORATORY	LC2 BS	W	90L0219	N/A	03/08/90	03/23/90
BARIUM LABORATORY	LC2 BS	W	90L0219	N/A	03/08/90	03/23/90

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L606

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
CADMIUM LABORATORY	LC2 BS	W	90L0219	N/A	03/08/90	03/23/90
CHROMIUM LABORATORY	LC2 BS	W	90L0219	N/A	03/08/90	03/23/90
SILVER, TOTAL	MB1	W	90L0219	N/A	03/08/90	03/23/90
BARIUM, TOTAL	MB1	W	90L0219	N/A	03/08/90	03/23/90
CADMIUM, TOTAL	MB1	W	90L0219	N/A	03/08/90	03/23/90
CHROMIUM, TOTAL	MB1	W	90L0219	N/A	03/08/90	03/23/90
ARSENIC LABORATORY	LC1 BS	W	90L0218	N/A	03/08/90	03/30/90
LEAD LABORATORY	LC1 BS	W	90L0218	N/A	03/08/90	04/05/90
SELENIUM LABORATORY	LC1 BS	W	90L0218	N/A	03/08/90	04/02/90
ARSENIC LABORATORY	LC2 BS	W	90L0218	N/A	03/08/90	03/30/90
LEAD LABORATORY	LC2 BS	W	90L0218	N/A	03/08/90	04/05/90
SELENIUM LABORATORY	LC2 BS	W	90L0218	N/A	03/08/90	04/02/90
ARSENIC, TOTAL	MB1	W	90L0218	N/A	03/08/90	03/30/90
LEAD, TOTAL	MB1	W	90L0218	N/A	03/08/90	04/05/90
SELENIUM, TOTAL	MB1	W	90L0218	N/A	03/08/90	04/02/90
MERCURY LABORATORY	LC1 BS	W	90C042A	N/A	03/16/90	03/19/90
MERCURY LABORATORY	LC2 BS	W	90C042A	N/A	03/16/90	03/19/90
MERCURY LABORATORY	LC3 BS	W	90C042A	N/A	03/16/90	03/19/90
MERCURY LABORATORY	LC4 BS	W	90C042A	N/A	03/16/90	03/19/90
MERCURY, TOTAL	MB1	W	90C042A	N/A	03/16/90	03/19/90
MERCURY, TOTAL	MB2	W	90C042A	N/A	03/16/90	03/19/90
MERCURY, TOTAL	MB3	W	90C042A	N/A	03/16/90	03/19/90
MERCURY, TOTAL	MB4	W	90C042A	N/A	03/16/90	03/19/90

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WSRC-GRACE ROAD
R#W #: 9002L607, GC/MS VOLATILE
W.O. #: 0630-28-12

SAMPLES RECEIVED: 02-23-90

NARRATIVE

The set of samples consisted of one soil sample collected on 02-21-90.

The sample was analyzed according to criteria set forth in SW 846 Method 8240 for Appendix IX Volatile target compounds on 03-05-90.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analysis:

1. Non-target compounds were not detected in these samples.
2. All surrogate recoveries are within EPA QC limits.
3. The blank contains Methylene chloride and Acetone at levels less than 5x the CRQL.

Jack R. Tuschall
Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

4-9-90
Date

Roy F. Weston, Inc. - Lionville Laboratory
VOA ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L607.

CLIENT ID	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
GRS-08-01	001	S	90LVW036	02/21/90	N/A	03/05/90
LAB QC:						
VBLK	MB1	S	90LVW036	N/A	N/A	03/05/90

DATA QUALIFIERS

- U = Compound was analyzed for but not detected. The associated numerical value is the estimated sample quantitation limit which is included and corrected for dilution and percent moisture.
- J = Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero; for example, if the limit of detection is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination. This flag is also used for a TIC as well as for a positively identified TCL compound.
- E = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- I = Interference.
- X = Additional qualifiers used as required are explained in the case narrative.
- NQ = Result qualitatively confirmed but not able to quantify.

ABBREVIATIONS

- BS = Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.
- BSD = Indicates blank spike duplicate.
- MS = Indicates matrix spike.
- MSD = Indicates matrix spike duplicate.
- DL = Indicates that surrogate recoveries were not obtained because the extract had to be diluted for analysis.
- NA = Not applicable.
- DF = Dilution factor.
- NR = Not required.

Cust ID: GRS-08-01
 Sample Information
 RFW#: 001
 Matrix: SOIL
 D.F.: 0.945
 Units: UG/KG
 RFW#: 90LW036-MB1
 Matrix: SOIL
 D.F.: 1.00
 Units: UG/KG

Toluene-d8	98	%	92	%
Bromofluorobenzene	100	%	97	%
Recovery 1,2-Dichloroethane-d4	86	%	84	%

Chloromethane	11	U	10	U
Bromomethane	11	U	10	U
Vinyl Chloride	11	U	10	U
Chloroethane	11	U	10	U
Methylene Chloride	11	B	8	
Acetone	12	B	16	
Carbon Disulfide	6	U	5	U
1,1-Dichloroethane	6	U	5	U
1,1-Dichloroethane (total)	6	U	5	U
Chloroform	6	U	5	U
1,2-Dichloroethane	6	U	5	U
2-Butanone	11	U	10	U
1,1,1-Trichloroethane	6	U	5	U
Carbon Tetrachloride	6	U	5	U
Vinyl Acetate	11	U	10	U
Bromodichloromethane	6	U	5	U
1,2-Dichloropropane	6	U	5	U
cis-1,3-Dichloropropene	6	U	5	U
Trichloroethene	6	U	5	U
Dibromochloromethane	6	U	5	U
1,1,2-Trichloroethane	6	U	5	U
Benzene	6	U	5	U
Trans-1,3-Dichloropropene	6	U	5	U
Bromoform	6	U	5	U
4-Methyl-2-pentanone	11	U	3	U
2-Hexanone	11	U	10	U
Tetrachloroethene	6	U	5	U
1,1,2,2-Tetrachloroethane	6	U	5	U

* = Outside of EPA CLP GC Limits.

Cust ID:

GRS-08-01

VBLK

WORK ORDER: 0630-28-12-0000

Page: 1b

REF#:

001

90LVW036-MB1

Toluene	6	U	5	U
Chlorobenzene	6	U	5	U
Ethylbenzene	6	U	5	U
Styrene	6	U	5	U
Xylene (total)	6	U	5	U
Acrolein	6	U	5	U
Acrylonitrile	11	U	10	U
Trichlorofluoromethane	11	U	10	U
Dichlorodifluoromethane	6	U	5	U
Acetonitrile	11	U	10	U
Iodomethane	23	U	20	U
Propionitrile (Ethyl Cyanide)	11	U	10	U
3-Chloropropene	57	U	50	U
Methacrylonitrile	23	U	20	U
Dibromomethane	23	U	20	U
Isobutyl alcohol	11	U	10	U
1,2-Dibromoethane	23	U	20	U
1,1,1,2-Tetrachloroethane	23	U	20	U
1,2,3-Trichloropropene	11	U	10	U
trans-1,4-Dichloro-2-butene	11	U	2	J
1,2-Dibromo-3-chloropropene	57	U	50	U
2-Chloro-1,3-Butadiene	23	U	3	J
* Outside of EPA CLP QC limits.	110	U	100	U

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WSRC-GRACE ROAD
RFW #: 9002L606, GC/MS SEMIVOLATILE
W.O. #: 0630-28-12

SAMPLES RECEIVED: 02-23-90

NARRATIVE

The set of samples consisted of twelve soil samples collected on 02-20,21-90.

The samples were extracted on 02-28-90 and analyzed according to criteria set forth in SW 846 Method 8270 for TCL Semivolatile target compounds on 03-08,09,13-90.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analysis:

1. Non-target compounds were detected in these samples.
2. Sample "GRS-10-03DL" required a five-fold dilution because it contained high levels of target compounds.
3. All surrogate and blank spike recoveries are within EPA QC limits.

Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

4-13-90
Date

sma/cn/02-606b.cn

DATA QUALIFIERS

- U = Compound was analyzed for but not detected. The associated numerical value is the estimated sample quantitation limit which is included and corrected for dilution and percent moisture.
- J = Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero; for example, if the limit of detection is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination. This flag is also used for a TIC as well as for a positively identified TCL compound.
- E = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- I = Interference.
- A = Aldol Condensation Product.
- X = Additional qualifiers used as required are explained in the case narrative.
- NQ = Result qualitatively confirmed but not able to quantify.

ABBREVIATIONS

- BS = Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.
- BSD = Indicates blank spike duplicate.
- MS = Indicates matrix spike.
- MSD = Indicates matrix spike duplicate.
- DL = Indicates that surrogate recoveries were not obtained because the extract had to be diluted for analysis.
- NA = Not applicable.
- DF = Dilution factor.
- NR = Not required.

Roy F. Weston, Inc. - Lionville Laboratory
BNA ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L606

CLIENT ID	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
GRS-10-01	001	S	90LE0286	02/20/90	02/28/90	03/08/90
GRS-10-02	002	S	90LE0286	02/20/90	02/28/90	03/08/90
GRS-10-03	003	S	90LE0286	02/20/90	02/28/90	03/08/90
GRS-10-03	003	01 S	90LE0286	02/20/90	02/28/90	03/09/90
GRS-09-01	004	S	90LE0286	02/20/90	02/28/90	03/09/90
GRS-09-02	005	S	90LE0286	02/20/90	02/28/90	03/09/90
GRS-09-03	006	S	90LE0286	02/20/90	02/28/90	03/09/90
GRS-07-01	007	S	90LE0286	02/21/90	02/28/90	03/09/90
GRS-07-01A	008	S	90LE0286	02/21/90	02/28/90	03/13/90
GRS-07-02	009	S	90LE0286	02/21/90	02/28/90	03/09/90
GRS-07-03	010	S	90LE0286	02/21/90	02/28/90	03/09/90
GRS-08-02	012	S	90LE0286	02/21/90	02/28/90	03/09/90
GRS-08-03	013	S	90LE0286	02/21/90	02/28/90	03/09/90

LAB QC:

SBLK	MB1	S	90LE0286	N/A	02/28/90	03/08/90
SBLK	MB1 BS	S	90LE0286	N/A	02/28/90	03/08/90

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WSRC-GRACE ROAD
RFW #: 9003L865, GC/MS VOLATILE
W.O. #: 0630-28-12

SAMPLES RECEIVED: 03-22-90

NARRATIVE

The set of samples consisted of three water samples and eleven soil samples collected on 03-19,20,21-90.

The samples were analyzed according to criteria set forth in CLP SOW 2/88 (rev. 5/89) for TCL Volatile target compounds on 03-27,29,30,31-90.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analysis:

1. Non-target compounds were not detected in these samples.
2. All surrogate recoveries are within EPA QC limits.
3. The blank contains common contaminants Methylene chloride and Acetone at levels less than 2x the CRQL.

Jack R. Tuschall
Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

5-3-90
Date

maj/wpmemo/03-865v.cn

Roy F. Weston, Inc. Lionville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 04/27/90 11:39

RFW Batch Number: 9003L865

Client: WSRC-GRACE ROAD

Work Order: 0630-28-12-0000

Page: 1a

		Cust ID:	GRS-02-01	GRS-04-01	GRS-04-01A	GRS-03-01	GRS-05-01	GRS-06-01
Sample	RFW#:	001	002	003	004	005	006	
Information	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
	D.F.:	1.00	1.00	1.00	1.00	0.996	0.996	
	Units:	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	
	Toluene-d8	89 %	102 %	98 %	105 %	98 %	102 %	
Surrogate	Bromofluorobenzene	96 %	113 %	105 %	105 %	102 %	107 %	
Recovery	1,2-Dichloroethane-d4	80 %	97 %	87 %	89 %	87 %	91 %	
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====								
Chloromethane		12 U	11 U	11 U	11 U	12 U	11 U	
Bromomethane		12 U	11 U	11 U	11 U	12 U	11 U	
Vinyl Chloride		12 U	11 U	11 U	11 U	12 U	11 U	
Chloroethane		12 U	11 U	11 U	11 U	12 U	11 U	
Methylene Chloride		11 B	17 B	7 B	28 B	32 B	6 B	
Acetone		4 JB	12 B	5 JB	28 B	7 JB	2 JB	
Carbon Disulfide		6 U	5 U	5 U	2 J	6 U	6 U	
1,1-Dichloroethene		6 U	5 U	5 U	6 U	6 U	6 U	
1,1-Dichloroethane		6 U	5 U	5 U	6 U	6 U	6 U	
1,2-Dichloroethene (total)		6 U	5 U	5 U	6 U	6 U	6 U	
Chloroform		6 U	5 U	5 U	6 U	6 U	6 U	
1,2-Dichloroethane		6 U	5 U	5 U	6 U	6 U	6 U	
2-Butanone		12 U	11 U	11 U	11 U	12 U	11 U	
1,1,1-Trichloroethane		6 U	5 U	5 U	6 U	6 U	6 U	
Carbon Tetrachloride		6 U	5 U	5 U	6 U	6 U	6 U	
Vinyl Acetate		12 U	11 U	11 U	11 U	12 U	11 U	
Bromodichloromethane		6 U	5 U	5 U	6 U	6 U	6 U	
1,2-Dichloropropane		6 U	5 U	5 U	6 U	6 U	6 U	
cis-1,3-Dichloropropene		6 U	5 U	5 U	6 U	6 U	6 U	
Trichloroethene		6 U	5 U	5 U	6 U	6 U	6 U	
Dibromochloromethane		6 U	5 U	5 U	6 U	6 U	6 U	
1,1,2-Trichloroethane		6 U	5 U	5 U	6 U	6 U	6 U	
Benzene		6 U	5 U	5 U	6 U	6 U	6 U	
Trans-1,3-Dichloropropene		6 U	5 U	5 U	6 U	6 U	6 U	
Bromoform		6 U	5 U	5 U	6 U	6 U	6 U	
4-Methyl-2-pentanone		12 U	11 U	11 U	11 U	12 U	11 U	
2-Hexanone		12 U	11 U	11 U	11 U	12 U	11 U	
Tetrachloroethene		6 U	5 U	5 U	2 J	6 U	6 U	
1,1,2,2-Tetrachloroethane		6 U	5 U	5 U	6 U	6 U	6 U	

*= Outside of EPA CLP QC limits.

RFW Batch Number: 9003L865

Client: WSRC-GRACE ROAD

Work Order: 0630-28-12-0000

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Cust ID: GRS-02-01

GRS-04-01

GRS-04-01A

GRS-03-01

GRS-05-01

GRS-06-01

RFW#:

001

002

003

004

005

006

Toluene

6 U

5 U

5 U

6 U

6 U

6 U

Chlorobenzene

6 U

5 U

5 U

6 U

6 U

6 U

Ethylbenzene

6 U

5 U

5 U

6 U

6 U

6 U

Styrene

6 U

5 U

5 U

6 U

6 U

6 U

Xylene (total)

6 U

5 U

5 U

6 U

6 U

6 U

** Outside of EPA CLP QC limits.

	Cust ID:	GRS-11-01	GRS-01-01	GRS-12-01	GRS-13-01	GRS-14-01	GRS-13-01B
Sample Information	RFW#:	007	008	009	010	011	012
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	WATER
	D.F.:	0.984	0.984	0.984	0.994	0.992	1.00
	Units:	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/L
Toluene-d8		103 %	109 %	104 %	108 %	110 %	103 %
Surrogate Bromofluorobenzene		105 %	104 %	113 %	97 %	96 %	106 %
Recovery 1,2-Dichloroethane-d4		86 %	111 %	91 %	90 %	90 %	77 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Chloromethane		11 U	10 U	10 U	12 U	11 U	10 U
Bromomethane		11 U	10 U	10 U	12 U	11 U	10 U
Vinyl Chloride		11 U	10 U	10 U	12 U	11 U	10 U
Chloroethane		11 U	10 U	10 U	12 U	11 U	10 U
Methylene Chloride		18 B	6 B	10 B	31 B	28 B	5 U
Acetone		6 JB	9 JB	10 B	19 B	7 JB	10 U
Carbon Disulfide		5 U	5 U	5 U	2 J	3 J	5 U
1,1-Dichloroethene		5 U	5 U	5 U	6 U	6 U	5 U
1,1-Dichloroethane		5 U	5 U	5 U	6 U	6 U	5 U
1,2-Dichloroethene (total)		5 U	5 U	5 U	6 U	6 U	5 U
Chloroform		5 U	5 U	5 U	6 U	6 U	5 U
1,2-Dichloroethane		5 U	5 U	5 U	6 U	6 U	5 U
2-Butanone		11 U	10 U	10 U	12 U	11 U	10 U
1,1,1-Trichloroethane		5 U	5 U	5 U	6 U	6 U	5 U
Carbon Tetrachloride		5 U	5 U	5 U	6 U	6 U	5 U
Vinyl Acetate		11 U	10 U	10 U	12 U	11 U	10 U
Bromodichloromethane		5 U	5 U	5 U	6 U	6 U	5 U
1,2-Dichloropropane		5 U	5 U	5 U	6 U	6 U	5 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	6 U	6 U	5 U
Trichloroethene		5 U	5 U	5 U	6 U	6 U	5 U
Dibromochloromethane		5 U	5 U	5 U	6 U	6 U	5 U
1,1,2-Trichloroethane		5 U	5 U	5 U	6 U	6 U	5 U
Benzene		5 U	5 U	5 U	6 U	6 U	5 U
Trans-1,3-Dichloropropene		5 U	5 U	5 U	6 U	6 U	5 U
Bromoform		5 U	5 U	5 U	6 U	6 U	5 U
4-Methyl-2-pentanone		11 U	10 U	10 U	12 U	11 U	10 U
2-Hexanone		11 U	10 U	10 U	12 U	11 U	10 U
Tetrachloroethene		3 J	5 U	5 U	7	6	5 U
1,1,2,2-Tetrachloroethane		5 U	5 U	5 U	6 U	6 U	5 U

*= Outside of EPA CLP QC limits.

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RFW Batch Number: 9003L865

Client: WSRC-GRACE ROAD

Work Order: 0630-28-12-0000

Page: 2b

Cust ID: GRS-11-01

GRS-01-01

GRS-12-01

GRS-13-01

GRS-14-01

GRS-13-01E

RFW#:	007	008	009	010	011	012
Toluene	5 U	5 U	5 U	2 J	6 U	5 U
Chlorobenzene	5 U	5 U	5 U	6 U	6 U	5 U
Ethylbenzene	5 U	5 U	5 U	6 U	6 U	5 U
Styrene	5 U	5 U	5 U	6 U	4 J	5 U
Xylene (total)	5 U	5 U	5 U	6 U	6 U	5 U

* = Outside of EPA CLP QC limits.

Report Date: 04/27/90. 11:39

Page: 3a

VBLK .

90LVB043-MB1

WATER

1.00

ug/L

[illegible]

*= Outside of EPA CLP QC limits.

Cust ID: GRS-14-01B

GRS-14-01C

VBLK

VBLK

VBLK

RFW#:

014

015

90LVW051-MB1

90LVW054-MB1

90LVB043-MB1

Toluene	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
Xylene (total)	5 U	5 U	5 U	5 U	5 U

** Outside of EPA CLP QC limits.

	Cust ID:	GRS-10-01	GRS-10-02	GRS-10-03	GRS-10-03	GRS-09-01	GRS-09-02
Sample Information	RFW#:	001	002	003	003 DL	004	005
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	D.F.:	1.11	1.11	1.11	5.55	1.11	1.11
	Units:	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Nitrobenzene-d5		73 %	78 %	70 %	52 %	81 %	53 %
Surrogate 2-Fluorobiphenyl		84 %	86 %	81 %	70 %	88 %	65 %
Recovery p-Terphenyl-d14		95 %	108 %	93 %	68 %	98 %	80 %
Phenol-d5		83 %	92 %	80 %	57 %	90 %	67 %
2-Fluorophenol		82 %	98 %	82 %	69 %	92 %	64 %
2,4,6-Tribromophenol		72 %	94 %	84 %	40 %	92 %	64 %
=====fl=====fl=====fl=====fl=====fl=====fl=====							
Phenol		400 U	450 U	430 U	NA	390 U	440 U
bis(2-Chloroethyl)ether		400 U	450 U	430 U	NA	390 U	440 U
2-Chlorophenol		400 U	450 U	430 U	NA	390 U	440 U
1,3-Dichlorobenzene		400 U	450 U	430 U	NA	390 U	440 U
1,4-Dichlorobenzene		400 U	450 U	430 U	NA	390 U	440 U
Benzyl alcohol		400 U	450 U	430 U	NA	390 U	440 U
1,2-Dichlorobenzene		400 U	450 U	430 U	NA	390 U	440 U
2-Methylphenol		400 U	450 U	430 U	NA	390 U	440 U
bis(2-Chloroisopropyl)ether		400 U	450 U	430 U	NA	390 U	440 U
4-Methylphenol		400 U	450 U	430 U	NA	390 U	440 U
N-Nitroso-Di-n-propylamine		400 U	450 U	430 U	NA	390 U	440 U
Hexachloroethane		400 U	450 U	430 U	NA	390 U	440 U
Nitrobenzene		400 U	450 U	430 U	NA	390 U	440 U
Isophorone		400 U	450 U	430 U	NA	390 U	440 U
2-Nitrophenol		400 U	450 U	430 U	NA	390 U	440 U
2,4-Dimethylphenol		400 U	450 U	430 U	NA	390 U	440 U
Benzoic acid		2000 U	2200 U	2200 U	NA	2000 U	2200 U
bis(2-Chloroethoxy)methane		400 U	450 U	430 U	NA	390 U	440 U
2,4-Dichlorophenol		400 U	450 U	430 U	NA	390 U	440 U
1,2,4-Trichlorobenzene		400 U	450 U	430 U	NA	390 U	440 U
Naphthalene		400 U	450 U	430 U	NA	390 U	440 U
4-Chloroaniline		400 U	450 U	430 U	NA	390 U	440 U
Hexachlorobutadiene		400 U	450 U	430 U	NA	390 U	440 U
4-Chloro-3-methylphenol		400 U	450 U	430 U	NA	390 U	440 U
2-Methylnaphthalene		400 U	450 U	430 U	NA	390 U	440 U
Hexachlorocyclopentadiene		400 U	450 U	430 U	NA	390 U	440 U

*= Outside of EPA CLP QC limits.

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RFW#:	001	002	003	003 DL	004	005
2,4,6-Trichlorophenol	400 U	450 U	430 U	NA	390 U	440 U
2,4,5-Trichlorophenol	2000 U	2200 U	2200 U	NA	2000 U	2200 U
2-Chloronaphthalene	400 U	450 U	430 U	NA	390 U	440 U
2-Nitroaniline	2000 U	2200 U	2200 U	NA	2000 U	2200 U
Dimethylphthalate	400 U	450 U	430 U	NA	390 U	440 U
Acenaphthylene	400 U	450 U	430 U	NA	390 U	440 U
2,6-Dinitrotoluene	400 U	450 U	430 U	NA	390 U	440 U
3-Nitroaniline	2000 U	2200 U	2200 U	NA	2000 U	2200 U
Acenaphthene	400 U	450 U	430 U	NA	390 U	440 U
2,4-Dinitrophenol	2000 U	2200 U	2200 U	NA	2000 U	2200 U
4-Nitrophenol	2000 U	2200 U	2200 U	NA	2000 U	2200 U
Dibenzofuran	400 U	450 U	430 U	NA	390 U	440 U
2,4-Dinitrotoluene	400 U	450 U	430 U	NA	390 U	440 U
Diethylphthalate	400 U	450 U	430 U	NA	390 U	440 U
4-Chlorophenyl-phenylether	400 U	450 U	430 U	NA	390 U	440 U
Fluorene	400 U	450 U	430 U	NA	390 U	440 U
4-Nitroaniline	2000 U	2200 U	2200 U	NA	2000 U	2200 U
4,6-Dinitro-2-methylphenol	2000 U	2200 U	2200 U	NA	2000 U	2200 U
N-Nitrosodiphenylamine (1)	400 U	450 U	430 U	NA	390 U	440 U
4-Bromophenyl-phenylether	400 U	450 U	430 U	NA	390 U	440 U
Hexachlorobenzene	400 U	450 U	430 U	NA	390 U	440 U
Pentachlorophenol	2000 U	2200 U	2200 U	NA	2000 U	2200 U
Phenanthrene	400 U	450 U	430 U	NA	390 U	440 U
Anthracene	400 U	450 U	430 U	NA	390 U	440 U
Di-n-Butylphthalate	400 U	450 U	430 U	NA	390 U	440 U
Fluoranthene	400 U	450 U	430 U	NA	390 U	440 U
Pyrene	400 U	450 U	430 U	NA	390 U	440 U
Butylbenzylphthalate	400 U	450 U	430 U	NA	390 U	440 U
3,3'-Dichlorobenzidine	800 U	900 U	860 U	NA	790 U	870 U
Benzo(a)anthracene	400 U	450 U	430 U	NA	390 U	440 U
Chrysene	400 U	450 U	430 U	NA	390 U	440 U
bis(2-Ethylhexyl)phthalate	1300	6900	E	5900	1000	4800
Di-n-Octyl phthalate	400 U	450 U	430 U	NA	390 U	440 U
Benzo(b)fluoranthene	400 U	450 U	430 U	NA	390 U	440 U
Benzo(k)fluoranthene	400 U	450 U	430 U	NA	390 U	440 U
Benzo(a)pyrene	400 U	450 U	430 U	NA	390 U	440 U
Indeno(1,2,3-cd)pyrene	400 U	450 U	430 U	NA	390 U	440 U
Dibenzo(a,h)anthracene	400 U	450 U	430 U	NA	390 U	440 U
Benzo(g,h,i)perylene	400 U	450 U	430 U	NA	390 U	440 U

(1) - Cannot be separated from Diphenylamine. ** Outside of EPA CLP QC limits.

[illegible]

*= Outside of EPA CLP QC limits.

B-69.

Cust ID: GRS-09-03

GRS-07-01

GRS-07-01A

GRS-07-02

GRS-07-03

GRS-08-02

RFW#:	006	007	008	009	010	012
2,4,6-Trichlorophenol	430 U	440 U	430 U	420 U	420 U	420 U
2,4,5-Trichlorophenol	2200 U	2200 U	2100 U	2100 U	2100 U	2100 U
2-Chloronaphthalene	430 U	440 U	430 U	420 U	420 U	420 U
2-Nitroaniline	2200 U	2200 U	2100 U	2100 U	2100 U	2100 U
Dimethylphthalate	430 U	440 U	430 U	420 U	420 U	420 U
Acenaphthylene	430 U	440 U	430 U	420 U	420 U	420 U
2,6-Dinitrotoluene	430 U	440 U	430 U	420 U	420 U	420 U
3-Nitroaniline	2200 U	2200 U	2100 U	2100 U	2100 U	2100 U
Acenaphthene	430 U	440 U	430 U	420 U	420 U	420 U
2,4-Dinitrophenol	2200 U	2200 U	2100 U	2100 U	2100 U	2100 U
4-Nitrophenol	2200 U	2200 U	2100 U	2100 U	2100 U	2100 U
Dibenzofuran	430 U	440 U	430 U	420 U	420 U	420 U
2,4-Dinitrotoluene	430 U	440 U	430 U	420 U	420 U	420 U
Diethylphthalate	430 U	440 U	430 U	420 U	420 U	420 U
4-Chlorophenyl-phenylether	430 U	440 U	430 U	420 U	420 U	420 U
Fluorene	430 U	440 U	430 U	420 U	420 U	420 U
4-Nitroaniline	2200 U	2200 U	2100 U	2100 U	2100 U	2100 U
4,6-Dinitro-2-methylphenol	2200 U	2200 U	2100 U	2100 U	2100 U	2100 U
N-Nitrosodiphenylamine (1)	430 U	440 U	430 U	420 U	420 U	420 U
4-Bromophenyl-phenylether	430 U	440 U	430 U	420 U	420 U	420 U
Hexachlorobenzene	430 U	440 U	430 U	420 U	420 U	420 U
Pentachlorophenol	2200 U	2200 U	2100 U	2100 U	2100 U	2100 U
Phenanthrene	430 U	440 U	430 U	420 U	420 U	420 U
Anthracene	430 U	440 U	430 U	420 U	420 U	420 U
Di-n-Butylphthalate	430 U	440 U	430 U	420 U	420 U	420 U
Fluoranthene	430 U	440 U	430 U	420 U	420 U	420 U
Pyrene	430 U	440 U	430 U	420 U	420 U	420 U
Butylbenzylphthalate	430 U	440 U	430 U	420 U	420 U	420 U
3,3'-Dichlorobenzidine	870 U	880 U	860 U	830 U	840 U	830 U
Benzo(a)anthracene	430 U	440 U	430 U	420 U	420 U	420 U
Chrysene	430 U	440 U	430 U	420 U	420 U	420 U
bis(2-Ethylhexyl)phthalate	4700	1400	1900	88 J	4200	6800
Di-n-Octyl phthalate	430 U	440 U	430 U	420 U	420 U	420 U
Benzo(b)fluoranthene	430 U	440 U	430 U	420 U	420 U	420 U
Benzo(k)fluoranthene	430 U	440 U	430 U	420 U	420 U	420 U
Benzo(a)pyrene	430 U	440 U	430 U	420 U	420 U	420 U
Indeno(1,2,3-cd)pyrene	430 U	440 U	430 U	420 U	420 U	420 U
Dibenzo(a,h)anthracene	430 U	440 U	430 U	420 U	420 U	420 U
Benzo(g,h,i)perylene	430 U	440 U	430 U	420 U	420 U	420 U

(1) - Cannot be separated from Diphenylamine. ** Outside of EPA CLP QC limits.

RFW Batch Number: 9002L606

Client: WSRC-GRACE ROAD

Work Order: 0630-28-12-0000

Page: 3a

Cust ID: GRS-08-03

SBLK

SBLK BS

Sample Information	RFW#:	013	90LE0286-MB1	90LE0286-MB1
	Matrix:	SOIL	SOIL	SOIL
	D.F.:	1.11	1.11	1.11
	Units:	ug/Kg	ug/Kg	ug/Kg

Surrogate	Nitrobenzene-d5	69 %	53 %	49 %
Recovery	2-Fluorobiphenyl	85 %	61 %	61 %
	p-Terphenyl-d14	102 %	78 %	71 %
	Phenol-d5	80 %	70 %	59 %
	2-Fluorophenol	69 %	66 %	50 %
	2,4,6-Tribromophenol	47 %	77 %	46 %

	fl	fl	fl	fl	fl
Phenol	420 U	370 U	62 %		
bis(2-Chloroethyl)ether	420 U	370 U	370 U		
2-Chlorophenol	420 U	370 U	56 %		
1,3-Dichlorobenzene	420 U	370 U	910		
1,4-Dichlorobenzene	420 U	370 U	51 %		
Benzyl alcohol	420 U	370 U	370 U		
1,2-Dichlorobenzene	420 U	370 U	370 U		
2-Methylphenol	420 U	370 U	370 U		
bis(2-Chloroisopropyl)ether	420 U	370 U	370 U		
4-Methylphenol	420 U	370 U	370 U		
N-Nitroso-Di-n-propylamine	420 U	370 U	49 %		
Hexachloroethane	420 U	370 U	370 U		
Nitrobenzene	420 U	370 U	370 U		
Isophorone	420 U	370 U	370 U		
2-Nitrophenol	420 U	370 U	370 U		
2,4-Dimethylphenol	420 U	370 U	370 U		
Benzoic acid	2100 U	1800 U	1800 U		
bis(2-Chloroethoxy)methane	420 U	370 U	370 U		
2,4-Dichlorophenol	420 U	370 U	370 U		
1,2,4-Trichlorobenzene	420 U	370 U	62 %		
Naphthalene	420 U	370 U	370 U		
4-Chloroaniline	420 U	370 U	370 U		
Hexachlorobutadiene	420 U	370 U	370 U		
4-Chloro-3-methylphenol	420 U	370 U	53 %		
2-Methylnaphthalene	420 U	370 U	370 U		
Hexachlorocyclopentadiene	420 U	370 U	370 U		

*= Outside of EPA CLP QC limits.

Cust ID: GRS-08-03

SBLK

SBLK BS

RFW#: 013 90LE0286-MB1 90LE0286-MB1

2,4,6-Trichlorophenol	420 U	370 U	370 U
2,4,5-Trichlorophenol	2100 U	1800 U	1800 U
2-Chloronaphthalene	420 U	370 U	370 U
2-Nitroaniline	2100 U	1800 U	1800 U
Dimethylphthalate	420 U	370 U	370 U
Acenaphthylene	420 U	370 U	370 U
2,6-Dinitrotoluene	420 U	370 U	370 U
3-Nitroaniline	2100 U	1800 U	1800 U
Acenaphthene	420 U	370 U	72 %
2,4-Dinitrophenol	2100 U	1800 U	1800 U
4-Nitrophenol	2100 U	1800 U	89 %
Dibenzofuran	420 U	370 U	370 U
2,4-Dinitrotoluene	420 U	370 U	58 %
Diethylphthalate	420 U	370 U	370 U
4-Chlorophenyl-phenylether	420 U	370 U	370 U
Fluorene	420 U	370 U	370 U
4-Nitroaniline	2100 U	1800 U	1800 U
4,6-Dinitro-2-methylphenol	2100 U	1800 U	1800 U
N-Nitrosodiphenylamine (1)	420 U	370 U	370 U
4-Bromophenyl-phenylether	420 U	370 U	370 U
Hexachlorobenzene	420 U	370 U	370 U
Pentachlorophenol	2100 U	1800 U	68 %
Phenanthrene	420 U	370 U	370 U
Anthracene	420 U	370 U	370 U
Di-n-Butylphthalate	420 U	370 U	370 U
Fluoranthene	420 U	370 U	370 U
Pyrene	420 U	370 U	370 U
Butylbenzylphthalate	420 U	370 U	92 %
3,3'-Dichlorobenzidine	830 U	740 U	740 U
Benzo(a)anthracene	420 U	370 U	370 U
Chrysene	420 U	370 U	370 U
bis(2-Ethylhexyl)phthalate	3700	370 U	370 U
Di-n-Octyl phthalate	420 U	370 U	370 U
Benzo(b)fluoranthene	420 U	370 U	370 U
Benzo(k)fluoranthene	420 U	370 U	370 U
Benzo(a)pyrene	420 U	370 U	370 U
Indeno(1,2,3-cd)pyrene	420 U	370 U	370 U
Dibenzo(a,h)anthracene	420 U	370 U	370 U
Benzo(g,h,i)perylene	420 U	370 U	370 U

(1) - Cannot be separated from Diphenylamine. ** Outside of EPA CLP QC limits.

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WSRC-GRACE ROAD
RFW #: 9002L607, PESTICIDE
W.O. #: 0630-28-12

SAMPLES RECEIVED: 02-23-90

NARRATIVE

The set of samples consisted of one soil sample collected on 02-21-90.

The sample was extracted on 02-28-90 and analyzed according to criteria set forth in the Contract Lab Program for Appendix IX Pesticide and PCB target compounds on 04-08-90.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analysis:

1. The following DBC surrogate recoveries are outside EPA QC Limits:

<u>SAMPLE</u>	<u>%RECOVERY</u>	<u>UPPER LIMIT</u>
GRS-08-01	203	150
GRS-08-01 REP	219	150
GRS-08-01 MS	195	150

The presence of bis(2-Ethylhexyl) phthalate interferes with the quantitation of DBC recovery.

2. The blank spike recovery for aldrin (32%) was below the EPA QC limit of 34%.

Jack R. Tuschall
Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

5-2-90
Date

maj/wpmemo/02-607p.cn

GLOSSARY OF PEST/PCB DATADATA QUALIFIERS

- U - Indicates that the compounds was analyzed for but not detected. The minimum detection limit for the sample (not the method detection limit) is reported with the U (e.g., 10U).
- J - Indicates an estimated value. This flag is used in cases where a target analyte is detected at a level less than the lower quantification level. If the limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination. This flag is also used for a TIC as well as for a positively identified TCL compound.
- E - Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- I - Interference.

ABBREVIATIONS

- BS - Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.
- BSD - Indicates blank spike duplicate.
- MS - Indicates matrix spike.
- MSD - Indicates matrix spike duplicate.
- DL - Indicates that recoveries were not obtained because the extract had to be diluted for analysis.
- NA - Not applicable.
- DF - Dilution factor.
- NR - Not required.

Sample Information	RFW#:	001	001 REP	001 MB	90LE0286-MB1	90LE0286-MB1
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL
	D.F.:	1.00	1.00	1.00	1.00	1.00
	Units:	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Surrogate: Di-n-butylchlorodate		203 * %	219 * %	195 * %	137 %	108 %
Alpha-BHC		9.4 U	9.4 U	9.6 U	8.0 U	8.0 U
Beta-BHC		9.4 U	9.4 U	9.6 U	8.0 U	8.0 U
Delta-BHC		9.4 U	9.4 U	9.6 U	8.0 U	8.0 U
gamma-BHC (Lindane)		9.4 U	9.4 U	65 %	8.0 U	65 %
Heptachlor		9.4 U	9.4 U	75 %	8.0 U	55 %
Aldrin		9.4 U	9.4 U	65 %	8.0 U	32 * %
Heptachlor epoxide		9.4 U	9.4 U	9.6 U	8.0 U	8.0 U
Endosulfan I		9.4 U	9.4 U	9.6 U	8.0 U	8.0 U
Dieldrin		19 U	19 U	63 %	16 U	52 %
4,4'-DDE		19 U	19 U	19 U	16 U	16 U
Endrin		19 U	19 U	80 %	16 U	63 %
Endosulfan II		19 U	19 U	19 U	16 U	16 U
4,4'-DDD		19 U	19 U	19 U	16 U	16 U
Endosulfan sulfate		19 U	19 U	19 U	16 U	16 U
4,4'-DDT		19 U	6.3 J	99 %	16 U	85 %
Methoxychlor		94 U	94 U	96 U	80 U	80 U
Endrin aldehyde		19 U	19 U	19 U	16 U	16 U
Kepone		19 U	19 U	19 U	16 U	16 U
alpha-Chlordane		94 U	94 U	96 U	80 U	80 U
gamma-Chlordane		94 U	94 U	96 U	80 U	80 U
Toxaphene		190 U	190 U	190 U	160 U	160 U
Aroclor-1016		94 U	94 U	96 U	80 U	80 U
Aroclor-1221		94 U	94 U	96 U	80 U	80 U
Aroclor-1232		94 U	94 U	96 U	80 U	80 U
Aroclor-1242		94 U	94 U	96 U	80 U	80 U
Aroclor-1248		94 U	94 U	96 U	80 U	80 U
Aroclor-1254		190 U	190 U	190 U	160 U	160 U
Aroclor-1260		190 U	190 U	190 U	160 U	160 U
Isodrin		19 U	19 U	19 U	16 U	16 U

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not requested. NS= Not spiked.
 % = Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. * = Outside of EPA CLP QC

B-76

W. I Analytics Use Only
90024607

Custody Transfer Record/Lab Work Request

WESTERN

Client W.S.K.C. - Office Road
Work Order 0630-2817
Date Rec'd. 2/23/90 Date Due 4/4/90
RFW Contact B. Shapiro
Client Contact/Phone _____

Refrigerator#										
#/Type Container	14	14			1	14	14	14	14	14
Volume	1.0L	1.0L			1	500L	1	1	1	1
Preservative	—	1.0L	—	—	—	—	—	—	—	—
ANALYSES REQUESTED	UOA	APAB	BUA	HEBS	D/F	SFD	CO	OP/PEA	APAB	
Matrix	Date Collected	02/21/90	02/21/90	02/21/90	02/21/90	02/21/90	02/21/90	02/21/90	02/21/90	02/21/90
5	2/21/90	✓	✓	✓	✓	✓	✓	✓	✓	✓
ALL APPENDIX IX PARAMETERS										

Matrix:	W - Water	DS - Drum Solids	X - Other
S - Soil	O - Oil	DL - Drum Liquids	
SE - Sediment	A - Air	F - Fish	
SO - Solid	WI - Wipe	L - EP/TCLP Leachate	

Special Instructions:

QC/Def = STD
40 DAY TAT

[illegible]

WESTON Analytics
Use Only

Samples Were:
1 Shipped or Hand-Delivered
NOTES:

2 Ambient or Chilled
NOTES:

3 Received Broken/
Leaking (Improperly
Sealed)
Y N

NOTES:

4 Properly Preserved
Y . N
NOTES:

5 Received Within
Holding Times
Y N
NOTES:

COC Tape Was:

1 Present on Outer Package	Y	N
2 Unbroken on Outer Package	Y	N
3 Present on Sample	Y	N
4 Unbroken on Sample	Y	N
NOTES:	Y	N

COC Record Was:

1 Present Upon Receipt
of Samples Y N

Discrepancies Between
Sample Labels and COC
Record? Y N

NOTES:

Roy F. Weston, Inc. - Lionville Laboratory
 PEST/PCB ANALYTICAL DATA PACKAGE FOR
 WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L607

CLIENT ID	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
GRS-08-01	001	S	90LE0286	02/21/90	02/28/90	04/08/90
GRS-08-01	001 REP	S	90LE0286	02/21/90	02/28/90	04/08/90
GRS-08-01	001 MS	S	90LE0286	02/21/90	02/28/90	04/08/90

LAB QC:

SBLK	MB1	S	90LE0286	N/A	02/28/90	04/08/90
SBLK	MB1 BS	S	90LE0286	N/A	02/28/90	04/08/90

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WSRC-GRACE ROAD
RFW #: 9002L607, SEMIVOLATILE
W.O. #: 0630-28-12

SAMPLES RECEIVED: 02/23/90

NARRATIVE

The set of samples consisted of 1 soil sample collected on 02/21/90.

The sample was extracted on 02/28/90 and analyzed according to criteria set forth in SW 846 Method 8270 for Appendix IX Semivolatile target compounds on 03/07,08/90.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analysis:

1. Non-target compounds were detected in these samples.
2. All surrogate recoveries are within EPA QC limits.
3. All soil blank and matrix spike recoveries criteria are met.

/ z-h-h Hand
Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

4-20-90
Date

DATA QUALIFIERS

- U = Compound was analyzed for but not detected. The associated numerical value is the estimated sample quantitation limit which is included and corrected for dilution and percent moisture.
- J = Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero; for example, if the limit of detection is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination. This flag is also used for a TIC as well as for a positively identified TCL compound.
- E = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- I = Interference.
- A = Aldol Condensation Product.
- X = Additional qualifiers used as required are explained in the case narrative.
- NQ = Result qualitatively confirmed but not able to quantify.

ABBREVIATIONS

- BS = Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.
- BSD = Indicates blank spike duplicate.
- MS = Indicates matrix spike.
- MSD = Indicates matrix spike duplicate.
- DL = Indicates that surrogate recoveries were not obtained because the extract had to be diluted for analysis.
- NA = Not applicable.
- DF = Dilution factor.
- NR = Not required.

Cust ID:		GRS-08-01		GRS-08-01		SBLK		SBLK BS	
Sample	RFW#:	001	001 REP	001 MS	90LE0286-MB1	90LE0286-MB1			
Information	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL			
	D.F.:	1.11	1.11	1.11	1.11	1.11			
	Units:	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg			
Surrogate Recovery	Nitrobenzene-d5	50 %	51 %	52 %	53 %	49 %			
	2-Fluorobiphenyl	58 %	59 %	59 %	61 %	61 %			
	p-Terphenyl-d14	65 %	72 %	70 %	78 %	71 %			
	Phenol-d5	59 %	59 %	60 %	70 %	59 %			
	2-Fluorophenol	52 %	51 %	50 %	66 %	50 %			
	2,4,6-Tribromophenol	54 %	51 %	45 %	77 %	46 %			
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====									
Phenol		440 U	440 U	63 %	370 U	62 %			
bis(2-Chloroethyl)ether		440 U	440 U	440 U	370 U	370 U			
2-Chlorophenol		440 U	440 U	57 %	370 U	56 %			
1,3-Dichlorobenzene		440 U	440 U	440 U	370 U	370 U			
1,4-Dichlorobenzene		440 U	440 U	57 %	370 U	51 %			
Benzyl alcohol		440 U	440 U	440 U	370 U	370 U			
1,2-Dichlorobenzene		440 U	440 U	440 U	370 U	370 U			
2-Methylphenol		440 U	440 U	440 U	370 U	370 U			
bis(2-Chloroisopropyl)ether		440 U	440 U	440 U	370 U	370 U			
4-Methylphenol		440 U	440 U	440 U	370 U	370 U			
N-Nitroso-Di-n-propylamine		440 U	440 U	49 %	370 U	49 %			
Hexachloroethane		440 U	440 U	440 U	370 U	370 U			
Nitrobenzene		440 U	440 U	440 U	370 U	370 U			
Isophorone		440 U	440 U	440 U	370 U	370 U			
2-Nitrophenol		440 U	440 U	440 U	370 U	370 U			
2,4-Dimethylphenol		440 U	440 U	440 U	370 U	370 U			
Benzoic acid		2200 U	2200 U	2200 U	1800 U	1800 U			
bis(2-Chloroethoxy)methane		440 U	440 U	440 U	370 U	370 U			
2,4-Dichlorophenol		440 U	440 U	440 U	370 U	370 U			
1,2,4-Trichlorobenzene		440 U	440 U	68 %	370 U	62 %			
Naphthalene		440 U	440 U	440 U	370 U	370 U			
4-Chloroaniline		440 U	440 U	440 U	370 U	370 U			
Hexachlorobutadiene		440 U	440 U	440 U	370 U	370 U			
4-Chloro-3-methylphenol		440 U	440 U	59 %	370 U	53 %			
2-Methylnaphthalene		440 U	440 U	440 U	370 U	370 U			
Hexachlorocyclopentadiene		440 U	440 U	440 U	370 U	370 U			

** Outside of EPA CLP QC limits.

Cust ID: GRS-08-01

GRS-08-01

GRS-08-01

SBLK

SBLK BS

RFW#:

001

001 REP

001 MS

90LE0286-MB1

90LE0286-MB1

2,4,6-Trichlorophenol	440 U	440 U	440 U	370 U	370 U
2,4,5-Trichlorophenol	2200 U	2200 U	2200 U	1800 U	1800 U
2-Chloronaphthalene	440 U	440 U	440 U	370 U	370 U
2-Nitroaniline	2200 U	2200 U	2200 U	1800 U	1800 U
Dimethylphthalate	440 U	440 U	440 U	370 U	370 U
Acenaphthylene	440 U	440 U	440 U	370 U	370 U
2,6-Dinitrotoluene	440 U	440 U	440 U	370 U	370 U
3-Nitroaniline	2200 U	2200 U	2200 U	1800 U	1800 U
Acenaphthene	440 U	440 U	74 %	370 U	72 %
2,4-Dinitrophenol	2200 U	2200 U	2200 U	1800 U	1800 U
4-Nitrophenol	2200 U	2200 U	82 %	1800 U	89 %
Dibenzofuran	440 U	440 U	440 U	370 U	370 U
2,4-Dinitrotoluene	440 U	440 U	60 %	370 U	58 %
Diethylphthalate	440 U	440 U	440 U	370 U	370 U
4-Chlorophenyl-phenylether	440 U	440 U	440 U	370 U	370 U
Fluorene	440 U	440 U	440 U	370 U	370 U
4-Nitroaniline	2200 U	2200 U	2200 U	1800 U	1800 U
4,6-Dinitro-2-methylphenol	2200 U	2200 U	2200 U	1800 U	1800 U
N-Nitrosodiphenylamine (1)	440 U	440 U	440 U	370 U	370 U
4-Bromophenyl-phenylether	440 U	440 U	440 U	370 U	370 U
Hexachlorobenzene	440 U	440 U	440 U	370 U	370 U
Pentachlorophenol	2200 U	2200 U	76 %	1800 U	68 %
Phenanthrene	440 U	440 U	440 U	370 U	370 U
Anthracene	440 U	440 U	440 U	370 U	370 U
Di-n-Butylphthalate	440 U	440 U	440 U	370 U	370 U
Fluoranthene	440 U	440 U	440 U	370 U	370 U
Pyrene	440 U	440 U	92 %	370 U	92 %
Butylbenzylphthalate	440 U	440 U	440 U	370 U	370 U
3,3'-Dichlorobenzidine	870 U	890 U	870 U	740 U	740 U
Benzo(a)anthracene	440 U	440 U	440 U	370 U	370 U
Chrysene	440 U	440 U	440 U	370 U	370 U
bis(2-Ethylhexyl)phthalate	2800	2800	3200	370 U	370 U
Di-n-Octyl phthalate	440 U	440 U	440 U	370 U	370 U
Benzo(b)fluoranthene	440 U	440 U	440 U	370 U	370 U
Benzo(k)fluoranthene	440 U	440 U	440 U	370 U	370 U
Benzo(a)pyrene	440 U	440 U	440 U	370 U	370 U
Indeno(1,2,3-cd)pyrene	440 U	440 U	440 U	370 U	370 U
Dibenzo(a,h)anthracene	440 U	440 U	440 U	370 U	370 U
Benzo(g,h,i)perylene	440 U	440 U	440 U	370 U	370 U
1,4-Dioxane	440 U	440 U	440 U	370 U	370 U

* = Outside of EPA CLP QC limits.

Cust ID: GRS-08-01

GRS-08-01

GRS-08-01

SBLK

SBLK BS

RFW#: 001 001 REP 001 MS 90LE0286-MB1 90LE0286-MB1

Methyl methacrylate	440 U	440 U	440 U	370 U	370 U
Pyridine	440 U	440 U	440 U	370 U	370 U
N-Nitrosodimethylamine	440 U	440 U	440 U	370 U	370 U
Ethyl methacrylate	440 U	440 U	440 U	370 U	370 U
2-Picoline	440 U	440 U	440 U	370 U	370 U
N-Nitrosomethylethylamine	440 U	440 U	440 U	370 U	370 U
Methyl methanesulfonate	440 U	440 U	440 U	370 U	370 U
N-Nitrosodiethylamine	440 U	440 U	440 U	370 U	370 U
Ethyl methanesulfonate	440 U	440 U	440 U	370 U	370 U
Aniline	440 U	440 U	440 U	370 U	370 U
Pentachloroethane	440 U	440 U	440 U	370 U	370 U
3-Methylphenol	440 U	440 U	440 U	370 U	370 U
N-Nitrosopyrrolidine	440 U	440 U	440 U	370 U	370 U
Acetophenone	440 U	440 U	440 U	370 U	370 U
N-Nitrosomorpholine	440 U	440 U	440 U	370 U	370 U
o-Toluidine	440 U	440 U	440 U	370 U	370 U
N-Nitrosopiperidine	2200 U	2200 U	2200 U	1800 U	1800 U
a,a-Dimethylphenethylamine	440 U	440 U	440 U	370 U	370 U
2,6-Dichlorophenol	440 U	440 U	440 U	370 U	370 U
Hexachloropropene	440 U	440 U	440 U	370 U	370 U
p-Phenylenediamine	440 U	440 U	440 U	370 U	370 U
N-Nitroso-di-n-butylamine	440 U	440 U	440 U	370 U	370 U
Safrole	440 U	440 U	440 U	370 U	370 U
1,2,4,5-Tetrachlorobenzene	440 U	440 U	440 U	370 U	370 U
Isosafrole	440 U	440 U	440 U	370 U	370 U
1,4-Naphthoquinone	440 U	440 U	440 U	370 U	370 U
1,3-Dinitrobenzene	440 U	440 U	440 U	370 U	370 U
Pentachlorobenzene	440 U	440 U	440 U	370 U	370 U
1-Naphthylamine	440 U	440 U	440 U	370 U	370 U
2-Naphthylamine	440 U	440 U	440 U	370 U	370 U
2,3,4,6-Tetrachlorophenol	440 U	440 U	440 U	370 U	370 U
1,3,5-Trinitrobenzene	440 U	440 U	440 U	370 U	370 U
Diallyl	440 U	440 U	440 U	370 U	370 U
Phenacetin	440 U	440 U	440 U	370 U	370 U
Diphenylamine	440 U	440 U	440 U	370 U	370 U
5-Nitro-o-toluidine	440 U	440 U	440 U	370 U	370 U
4-Aminobiphenyl	440 U	440 U	440 U	370 U	370 U
Pronamide	440 U	440 U	440 U	370 U	370 U
2-sec-Butyl-4,6-dinitrophenol	2200 U	2200 U	2200 U	1800 U	1800 U
Pentachloronitrobenzene	2200 U	2200 U	2200 U	1800 U	1800 U

** Outside of EPA CLP QC limits.

Cust ID: GRS-08-01 GRS-08-01 GRS-08-01 SBLK SBLK BS

RFW#: 001 001 REP 001 MS 90LE0286-MB1 90LE0286-MB1

4-Nitroquinoline-1-oxide	870 U	890 U	870 U	740 U	740 U
Methapyrilene	440 U	440 U	440 U	370 U	370 U
Aramite	870 U	890 U	870 U	740 U	740 U
Chlorobenzilate	440 U	440 U	440 U	370 U	370 U
p-Dimethylaminoazobenzene	440 U	440 U	440 U	370 U	370 U
3,3'-Dimethylbenzidine	440 U	440 U	440 U	370 U	370 U
2-Acetylaminofluorene	440 U	440 U	440 U	370 U	370 U
7,12-Dimethylbenz(a)anthracene	440 U	440 U	440 U	370 U	370 U
Hexachlorophene	3900 U	4000 U	3900 U	3300 U	3300 U
3-Methylcholanthrene	440 U	440 U	440 U	370 U	370 U

(1) - Cannot be separated from Diphenylamine. *= Outside of EPA CLP QC limits.

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-08-01

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9002L607-001

Sample wt/vol: 30.6 (g/mL) G

Lab File ID: M030710

Level: (low/med) LOW

Date Received: 02/23/90

% Moisture: not dec. 17 dec.

Date Extracted: 02/28/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/07/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.11

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	5.80	2000	JAB
2.	ALDOL CONDENSATE	6.52	1000	JAB
3.	UNKNOWN	7.53	400	J
4.	ADIPATE	22.25	40000	JB

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-08-01REP

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9002L607-001 REP

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: M030712

Level: (low/med) LOW

Date Received: 02/23/90

% Moisture: not dec. 17 dec.

Date Extracted: 02/28/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/07/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.11

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	5.80	1000	JAB
2.	ALDOL CONDENSATE	6.52	1000	JAB
3.	UNKNOWN	7.53	300	J
4.	UNKNOWN	19.15	200	J
5.	ADIPATE	22.25	30000	JB

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

SBLK

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 90LE0286-MB1

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: M030804

Level: (low/med) LOW

Date Received: 02/28/90

% Moisture: not dec. 0 dec.

Date Extracted: 02/28/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/08/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.11

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	5.60	600	JA
2.	ALDOL CONDENSATE	5.85	300	JA
3.	ALDOL CONDENSATE	6.55	300	JA
4.	ADIPATE	22.30	30000	J

Roy F. Weston, Inc. - Lionville Laboratory
 BNA ANALYTICAL DATA PACKAGE FOR
 WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L607

CLIENT ID	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
GRS-08-01	001	S	90LE0286	02/21/90	02/28/90	03/07/90
GRS-08-01	001 REP	S	90LE0286	02/21/90	02/28/90	03/07/90
GRS-08-01	001 MS	S	90LE0286	02/21/90	02/28/90	03/07/90
LAB QC:						
SBLK	MB1	S	90LE0286	N/A	02/28/90	03/08/90
SBLK	MB1 BS	S	90LE0286	N/A	02/28/90	03/08/90

Roy F. Weston, Inc.
Lionville Laboratory

Client: WSRC - Grace Road
RFW#: 90021607, Herbicides
W.O.#: 0630-28-12

Date Received: 02/23/90

The set of samples consisted of 1 soil sample collected on 02/21/90.

The sample was extracted on 02/27/90 and analyzed according to criteria set forth in Method 8150 for Chlorinated Phenoxy Acid Herbicide target compounds on 03/14/90.

1. The blank spike recoveries are within laboratory control chart warning limits.
2. No problems were encountered during these analyses.

Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

4-13-90
Date

Sample Information	RFW#	Matrix	D.F.	Units	UG/KG	UG/KG	UG/KG	UG/KG
GRS-08-01	001	SOIL	1.00					
PBLK	90LR0282-MB1	SOIL	1.00					
PBLK BS	90LR0282-MB1	SOIL	1.00					
2,4-D	24	U				20	U	63
2,4,5-TP (S11Vex)	12	U				10	U	111
2,4,5-T	12	U				10	U	96

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not requested. NS= Not applied.
 % = Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. * = Outside of EPA CLP GC

Roy F. Weston, Inc. - Lionville Laboratory
 HB ANALYTICAL DATA PACKAGE FOR
 WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L607

CLIENT ID	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
GRS-08-01	001	S	90LE0282	02/21/90	02/27/90	03/14/90

LAB QC:

PBLK	MB1	S	90LE0282	N/A	02/27/90	03/14/90
PBLK	MB1 BS	S	90LE0282	N/A	02/27/90	03/14/90

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WSRQ
RFW #: 9002L607, PCDD/PCDF
W.O. #: 0630-28-12

SAMPLES RECEIVED: 02/23/90

NARRATIVE

The set of samples consisted of 1 soil sample collected on 02/21/90.

The samples were extracted on 03/01/90 and analyzed according to criteria set forth in Method 8280 for Tetra through Hexa PCDD/PCDF target compound on 03/12/90.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analysis:

1. The C-13 HxCDD surrogate recovery for the blank and the blank spike are below method 8280 QC limits. This is due to loss during the clean-up process.
2. No other problems were encountered during the analysis.

Jack R. Tuschall
Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

3-28-90
Date

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-09-02

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9002L606-005

Sample wt/vol: 30.5 (g/mL) G

Lab File ID: J030810

Level: (low/med) LOW

Date Received: 02/23/90

% Moisture: not dec. 16 dec.

Date Extracted: 02/28/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/09/90

GPC Cleanup: (Y/N) Y

pH: 7.0

Dilution Factor: 1.11

Number TICs found: 5

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.85	2000	JAB
2.	ALDOL CONDENSATE	7.58	1000	JAB
3.	UNKNOWN	20.21	1000	J
4.	ADIPATE	21.10	400	J
5.	ADIPATE	23.05	20000	JB

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-10-01

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9002L606-001

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: J030806

Level: (low/med) LOW

Date Received: 02/23/90

% Moisture: not dec. 8 dec.

Date Extracted: 02/28/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/08/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.11

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.83	1000	JAB
2.	ALDOL CONDENSATE	7.57	1000	JAB
3.	ALDOL CONDENSATE	8.64	1000	JA
4.	UNKNOWN	20.20	600	J
5.	ADIPATE	23.07	50000	JB

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-10-02

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9002L606-002

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: J030807

Level: (low/med) LOW

Date Received: 02/23/90

% Moisture: not dec. 18 dec.

Date Extracted: 02/28/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/08/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.11

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.85	3000	JAB
2.	BENZALDEHYDE	7.16	300	J
3.	ALDOL CONDENSATE	7.57	1000	JAB
4.	UNKNOWN	20.20	700	J
5.	ADIPATE	23.06	40000	JB

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-10-03

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9002L606-003

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: J030808

Level: (low/med) LOW

Date Received: 02/23/90

% Moisture: not dec. 15 dec.

Date Extracted: 02/28/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/08/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.11

Number TICs found: 5

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.87	3000	JAB
2.	ALDOL CONDENSATE	7.59	2000	JAB
3.	ALDOL CONDENSATE	8.67	1000	J
4.	UNKNOWN	20.22	800	J
5.	ADIPATE	23.06	30000	JB

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-09-01

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9002L606-004

Sample wt/vol: 30.6 (g/mL) G

Lab File ID: J030809

Level: (low/med) LOW

Date Received: 02/23/90

% Moisture: not dec. 8 dec.

Date Extracted: 02/28/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/09/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.11

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.87	2000	JAB
2.	ALDOL CONDENSATE	7.59	1000	JAB
3.	ALDOL CONDENSATE	8.65	900	JA
4.	UNKNOWN	20.22	800	J
5.	ADIPATE	23.05	6000	JB

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-09-03

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9002L606-006

Sample wt/vol: 30.6 (g/mL) G

Lab File ID: J030811

Level: (low/med) LOW

Date Received: 02/23/90

% Moisture: not dec. 16 dec.

Date Extracted: 02/28/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/09/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.11

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.83	1000	JAB
2.	BENZALDEHYDE	7.16	300	J
3.	ALDOL CONDENSATE	7.57	400	JAB
4.	UNKNOWN	20.20	500	J
5.	ADIPATE	23.03	200	JB

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-07-01

Client: WSRC-GRACE ROAD

Matrix: -SOIL

Lab Sample ID: 9002L606-007

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: J030812

Level: (low/med) LOW

Date Received: 02/23/90

% Moisture: not dec. 16 dec.

Date Extracted: 02/28/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/09/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.11

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.81	2000	JAB
2.	BENZALDEHYDE	7.12	200	J
3.	ALDOL CONDENSATE	7.55	1000	JAB
4.	ALDOL CONDENSATE	8.61	600	JA
5.	UNKNOWN	20.18	300	J

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-07-01A

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9002L606-008

Sample wt/vol: 30.8 (g/mL) G

Lab File ID: J031307

Level: (low/med) LOW

Date Received: 02/23/90

% Moisture: not dec. 16 dec.

Date Extracted: 02/28/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/13/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.11

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.73	2000	JAB
2.	ALDOL CONDENSATE	7.47	1000	JAB
3.	ALDOL CONDENSATE	8.55	1000	JA
4.	UNKNOWN	10.07	400	J
5.	UNKNOWN	20.12	800	J

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

GRS-07-02

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

Client: WSRC-GRACE ROAD

Matrix: -SOIL

Lab Sample ID: 9002L606-009

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: J030903

Level: (low/med) LOW

Date Received: 02/23/90

% Moisture: not dec. 11 dec.

Date Extracted: 02/28/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/09/90

GPC Cleanup: (Y/N) Y

pH: 7.0

Dilution Factor: 1.11

Number TICs found: 5

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.88	2000	JAB
2.	ALDOL CONDENSATE	7.60	1000	JAB
3.	ALDOL CONDENSATE	8.68	300	JA
4.	UNKNOWN	20.23	500	J
5.	ADIPATE	23.07	800	JB

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-07-03

Client: WSRC-GRACE ROAD

Matrix: -SOIL

Lab Sample ID: 9002L606-010

Sample wt/vol: 30.6 (g/mL) G

Lab File ID: J030905

Level: (low/med) LOW

Date Received: 02/23/90

% Moisture: not dec. 13 dec.

Date Extracted: 02/28/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/09/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.11

Number TICs found: 4

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.86	2000	JAB
2.	ALDOL CONDENSATE	7.58	900	JAB
3.	ALDOL CONDENSATE	8.65	200	JA
4.	UNKNOWN	20.21	400	J

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-08-02

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9002L606-012

Sample wt/vol: 31.0 (g/mL) G

Lab File ID: J030906

Level: (low/med) LOW

Date Received: 02/23/90

% Moisture: not dec. 14 dec.

Date Extracted: 02/28/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/09/90

GPC Cleanup: (Y/N) Y

pH: 7.0

Dilution Factor: 1.11

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.87	3000	JAB
2.	BENZALDEHYDE	7.18	200	J
3.	ALDOL CONDENSATE	7.59	1000	JAB
4.	ALDOL CONDENSATE	8.67	1000	JA
5.	UNKNOWN	20.22	500	J

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-08-03

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9002L606-013

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: J030907

Level: (low/med) LOW

Date Received: 02/23/90

% Moisture: not dec. 11 dec.

Date Extracted: 02/28/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/09/90

GPC Cleanup: (Y/N) Y

pH: 7.0

Dilution Factor: 1.11

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.85	2000	JAB
2.	BENZALDEHYDE	7.17	200	J
3.	ALDOL CONDENSATE	7.58	800	JAB
4.	UNKNOWN	10.15	200	J
5.	UNKNOWN	20.21	500	J

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

SBLK

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 90LE0286-MB1

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: M030804

Level: (low/med) LOW

Date Received: 02/28/90

% Moisture: not dec. 0 dec.

Date Extracted: 02/28/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/08/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.11

Number TICs found: 4

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	5.85	300	JA
2.	ALDOL CONDENSATE	6.55	400	JA
3.	UNKNOWN	7.57	200	J
4.	ADIPATE	22.30	30000	J

Roy F. Weston, Inc. - Lionville Laboratory
VOA ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L606

CLIENT ID	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
GRS-10-01	001	S	90LVW032	02/20/90	N/A	02/28/90
GRS-10-01	001 REP	S	90LVW034	02/20/90	N/A	03/02/90
GRS-10-01	001 MS	S	90LVW036	02/20/90	N/A	03/05/90
GRS-10-02	002	S	90LVW032	02/20/90	N/A	02/28/90
GRS-10-03	003	S	90LVW032	02/20/90	N/A	02/28/90
GRS-09-01	004	S	90LVW032	02/20/90	N/A	02/28/90
GRS-09-02	005	S	90LVW032	02/20/90	N/A	02/28/90
GRS-09-03	006	S	90LVW032	02/20/90	N/A	02/28/90
GRS-07-01	007	S	90LVW032	02/21/90	N/A	02/28/90
GRS-07-01A	008	S	90LVW032	02/21/90	N/A	03/01/90
GRS-07-02	009	S	90LVW032	02/21/90	N/A	03/01/90
GRS-07-03	010	S	90LVW036	02/21/90	N/A	03/05/90
GRS-08-02	012	S	90LVW033	02/21/90	N/A	03/01/90
GRS-08-03	013	S	90LVW033	02/21/90	N/A	03/02/90
GRS-08-03E	014	W	90LVK035	02/21/90	N/A	03/02/90
GRS-00-01B	015	W	90LVK035	02/21/90	N/A	03/02/90
GRS-00-01C	016	W	90LVK035	02/21/90	N/A	03/02/90

LAB QC:

VBLK	MB1	S	90LVW032	N/A	N/A	02/28/90
VBLK	MB1	S	90LVW034	N/A	N/A	03/02/90
VBLK	MB1	S	90LVW036	N/A	N/A	03/05/90
VBLK	MB1	S	90LVW033	N/A	N/A	03/01/90
VBLK	MB1	W	90LVK035	N/A	N/A	03/02/90

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WSRC-GRACE ROAD
RFW #: 9002L606, GC/MS VOLATILE
W.O. #: 0630-28-12

SAMPLES RECEIVED: 02-23-90

NARRATIVE

The set of samples consisted of three water samples and twelve soil samples collected on 02-20, 21-90.

The samples were analyzed according to criteria set forth in SW 846 Method 8240 for TCL Volatile target compounds on 02-28-90 and 03-01, 02, 05-90.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analysis:

1. Non-target compounds were not detected in these samples.
2. Three of sixty-six surrogate recoveries are outside the EPA QC limits. Samples with surrogate recoveries outside EPA CLP QC limits were inspected for data quality and reported.
3. All matrix spike recoveries are within EPA QC limits.
4. The blanks contain Methylene chloride and Acetone at levels less than 5x the CRQL. They also contained several other target compounds at levels equal to or less than the CRQL.

Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

4-9-90
Date

B-110

*= Outside of EPA CLP QC limits.

B-111

Cust ID: GRS-10-01

GRS-10-01

GRS-10-01

GRS-10-02

GRS-10-03

GRS-09-01

RFW#:

001

001 REP

001 MS

002

003

004

Toluene	5	U	6	U	86	%	6	U	1	J	5	U
Chlorobenzene	5	U	6	U	96	%	6	U	6	U	5	U
Ethylbenzene	5	U	6	U	5	U	6	U	6	U	5	U
Styrene	5	U	6	U	5	U	6	U	6	U	5	U
Xylene (total)	5	U	6	U	5	U	6	U	6	U	5	U
*= Outside of EPA CLP QC limits.	5	U	6	U	5	U	6	U	6	U	5	U

Cust ID: GRS-09-02 GRS-09-03 GRS-07-01 GRS-07-01A GRS-07-02 GRS-07-03

Sample Information	RFW#:	005	006	007	008	009	010
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg

	Toluene-d8	107 %	108 %	112 %	112 %	114 %	89 %
Surrogate	Bromofluorobenzene	105 %	111 %	108 %	106 %	112 %	97 %
Recovery	1,2-Dichloroethane-d4	111 %	114 %	122 * %	112 %	121 %	85 %
=====	=====	=====	=====	=====	=====	=====	=====
Chloromethane	12 U	12 U	12 U	12 U	11 U	12 U	
Bromomethane	12 U	12 U	12 U	12 U	11 U	12 U	
Vinyl Chloride	12 U	12 U	12 U	12 U	11 U	12 U	
Chloroethane	12 U	12 U	12 U	12 U	11 U	12 U	
Methylene Chloride	33 B	14 B	32 B	24 B	18 B	10 B	
Acetone	45 B	69 B	35 B	29 B	99 B	81 B	
Carbon Disulfide	2 JB	6 U	6 U	6 U	6 U	6 U	
1,1-Dichloroethene	6 U	6 U	6 U	6 U	6 U	6 U	
1,1-Dichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	
1,2-Dichloroethene (total)	6 U	6 U	6 U	6 U	6 U	6 U	
Chloroform	6 U	2 J	2 J	2 J	2 J	6 U	
1,2-Dichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	
2-Butanone	12 U	12 U	12 U	12 U	11 U	12 U	
1,1,1-Trichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	
Carbon Tetrachloride	6 U	6 U	6 U	6 U	6 U	6 U	
Vinyl Acetate	12 U	12 U	12 U	12 U	11 U	12 U	
Bromodichloromethane	6 U	6 U	6 U	6 U	6 U	6 U	
1,2-Dichloropropane	6 U	6 U	6 U	6 U	6 U	6 U	
cis-1,3-Dichloropropene	6 U	6 U	6 U	6 U	6 U	6 U	
Trichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	
Dibromochloromethane	6 U	6 U	6 U	6 U	6 U	6 U	
1,1,2-Trichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	
Benzene	6 U	6 U	6 U	6 U	6 U	6 U	
Trans-1,3-Dichloropropene	6 U	6 U	6 U	6 U	6 U	6 U	
Bromoform	6 U	6 U	6 U	6 U	6 U	6 U	
4-Methyl-2-pentanone	12 U	12 U	12 U	12 U	11 U	12 U	
2-Hexanone	12 U	12 U	12 U	12 U	11 U	12 U	
Tetrachloroethene	6 U	6 U	6 U	6 U	6 U	6 U	
1,1,2,2-Tetrachloroethane	6 U	6 U	6 U	6 U	6 U	6 U	

*= Outside of EPA CLP QC limits.

B-113

Cust ID: GRS-09-02

GRS-09-03

GRS-07-01

GRS-07-01A

GRS-07-02

GRS-07-03

RWF#:	005	006	007	008	009	010
Toluene	6 U	6 U	6 U	1 J	6 U	3 J
Chlorobenzene	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	6 U	6 U	6 U	6 U	6 U	6 U
Xylene (total)	6 U	6 U	6 U	6 U	6 U	6 U
*= Outside of EPA CLP QC limits.						4

Cust ID: GRS-08-02		GRS-08-03		GRS-08-03E		GRS-00-01B		GRS-00-01C		VBLX	
Sample Information	RFW#:	012	013	014	015	016	90LVW032-MB1				
	Matrix:	SOIL	SOIL	WATER	WATER	WATER	SOIL				
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00				
	Units:	ug/Kg	ug/Kg	ug/L	ug/L	ug/L	ug/Kg				
Toluene-d8		108 %	102 %	110 %	116 * %	114 * %	108 %				
Surrogate	Bromofluorobenzene	111 %	108 %	93 %	99 %	101 %	108 %				
Recovery	1,2-Dichloroethane-d4	100 %	102 %	98 %	104 %	114 %	114 %				
=====f1=====f1=====f1=====f1=====f1=====f1=====											
Chloromethane		12 U	11 U	10 U	10 U	10 U	10 U				
Bromomethane		12 U	11 U	10 U	10 U	10 U	10 U				
Vinyl Chloride		12 U	11 U	10 U	10 U	10 U	10 U				
Chloroethane		12 U	11 U	10 U	10 U	10 U	10 U				
Methylene Chloride		13 B	15 B	4 JB	5 B	4 JB	9				
Acetone		49 B	61 B	11 B	10 U	45 B	10				
Carbon Disulfide		6 U	6 U	5 U	5 U	5 U	1 J				
1,1-Dichloroethene		6 U	6 U	5 U	5 U	5 U	5 U				
1,1-Dichloroethane		6 U	6 U	5 U	5 U	5 U	5 U				
1,2-Dichloroethene (total)		6 U	6 U	5 U	5 U	5 U	5 U				
Chloroform		6 U	6 U	5 U	5 U	5 U	5 U				
1,2-Dichloroethane		6 U	6 U	5 U	5 U	5 U	5 U				
2-Butanone		12 U	11 U	10 U	10 U	10 U	10 U				
1,1,1-Trichloroethane		6 U	6 U	5 U	5 U	5 U	5 U				
Carbon Tetrachloride		6 U	6 U	5 U	5 U	5 U	5 U				
Vinyl Acetate		12 U	11 U	10 U	10 U	10 U	10 U				
Bromodichloromethane		6 U	6 U	5 U	5 U	5 U	5 U				
1,2-Dichloropropane		6 U	6 U	5 U	5 U	5 U	5 U				
cis-1,3-Dichloropropene		6 U	6 U	5 U	5 U	5 U	5 U				
Trichloroethane		6 U	6 U	5 U	5 U	5 U	5 U				
Dibromochloromethane		6 U	6 U	5 U	5 U	5 U	5 U				
1,1,2-Trichloroethane		6 U	6 U	5 U	5 U	5 U	5 U				
Benzene		6 U	6 U	5 U	5 U	5 U	5 U				
Trans-1,3-Dichloropropene		6 U	6 U	5 U	5 U	5 U	5 U				
Bromoform		6 U	6 U	5 U	5 U	5 U	5 U				
4-Methyl-2-pentanone		12 U	11 U	10 U	10 U	10 U	10 U				
2-Hexanone		12 U	11 U	10 U	10 U	10 U	10 U				
Tetrachloroethene		6 U	6 U	5 U	5 U	5 U	5 U				
1,1,2,2-Tetrachloroethane		6 U	6 U	5 U	5 U	5 U	5 U				

*= Outside of EPA CLP QC limits.

B-115

Cust ID: VBLK

VBLK

VBLK

VBLK

Sample
Information

RFW#: 90LVW034-MB1

90LVW036-MB1

90LVW033-MB1

90LVK035-MB1

Matrix: SOIL

SOIL

SOIL

WATER

D.F.: 1.00

1.00

1.00

1.00

Units: ug/Kg

ug/Kg

ug/Kg

ug/L

Toluene-d8

105 %

92 %

105 %

104 %

Surrogate Bromofluorobenzene

107 %

97 %

111 %

96 %

Recovery 1,2-Dichloroethane-d4

107 %

84 %

100 %

104 %

Chloromethane

10 U

10 U

10 U

10 U

Bromomethane

10 U

10 U

10 U

10 U

Vinyl Chloride

10 U

10 U

10 U

2 J

Chloroethane

10 U

10 U

10 U

1 J

Methylene Chloride

6

8

10

7

Acetone

9 J

16

21

8 J

Carbon Disulfide

5 U

5 U

5 U

2 J

1,1-Dichloroethene

5 U

5 U

5 U

3 J

1,1-Dichloroethane

5 U

5 U

5 U

5 U

1,2-Dichloroethene (total)

5 U

5 U

5 U

2 J

Chloroform

5 U

5 U

5 U

5 U

1,2-Dichloroethane

5 U

5 U

5 U

2 J

2-Butanone

10 U

10 U

10 U

10 U

1,1,1-Trichloroethane

5 U

5 U

5 U

5 U

Carbon Tetrachloride

5 U

5 U

5 U

5 U

Vinyl Acetate

10 U

10 U

10 U

10 U

Bromodichloromethane

5 U

5 U

5 U

5 U

1,2-Dichloropropane

5 U

5 U

5 U

5 U

cis-1,3-Dichloropropene

5 U

5 U

5 U

5 U

Trichloroethene

5 U

5 U

5 U

5

Dibromochloromethane

5 U

5 U

5 U

1 J

1,1,2-Trichloroethane

5 U

5 U

5 U

1 J

Benzene

5 U

5 U

5 U

5 U

Trans-1,3-Dichloropropene

5 U

5 U

5 U

5 U

Bromoform

5 U

5 U

5 U

5 U

4-Methyl-2-pentanone

5 J

3 J

10 U

10 U

2-Hexanone

8 J

10 U

10 U

10 U

Tetrachloroethene

5 U

5 U

5 U

2 J

1,1,2,2-Tetrachloroethane

5 U

1 J

5 U

5 U

** Outside of EPA CLP QC limits.

B-116

RFW#	Job Number: 9002L606	Client: WSRC-GRACE R	Work Order: 0630-28-12-0000				:: 3b
	Cust ID: GRS-08-02	GRS-08-0	GRS-08-03E	GRS-00-01B	GRS-00-01C	VBLK	
RFW#:	012	013	014	015	016	90LVW032-MB1	
Toluene	6 U	6 U	5 U	5 U	5 U		5 U
Chlorobenzene	6 U	6 U	5 U	5 U	5 U		5 U
Ethylbenzene	6 U	6 U	5 U	5 U	5 U		5 U
Styrene	6 U	6 U	5 U	5 U	5 U		5 U
Xylene (total)	6 U	6 U	5 U	5 U	5 U		5 U
** Outside of EPA CLP QC limits.							

Cust ID: VBLK

VBLK

VBLK

VBLK

RfW#: 90LVW034-MB1 90LVW036-MB1 90LVW033-MB1 90LVK035-MB1

Toluene	5	U	5	U	5	U	2	J
Chlorobenzene	5	U	5	U	5	U	5	U
Ethylbenzene	5	U	5	U	5	U	2	J
Styrene	5	U	5	U	5	U	1	J
Xylene (total)	5	U	5	U	5	U	3	J

* = Outside of EPA CLP QC limits.

WESTON ANALYTICS
DIOXINS/FURANS DATA SUMMARY

RFW Batch Number: 9002L607

Client: WSRC

Page:

Sample Information	Client ID:	GRS-08	BLANK	BLK SPIKE
	RFW#:	-01		
	D.F.:	001	MB1	MB1 S
	Matrix:	1	1	1
	Units:	Soil	Soil	Soil
		Ng /g	Ng /g	Ng /g

C-13 TCDD RECOVERY:

86 %

52 %

63 %

%

%

C-13 HxCDD RECOVERY:

70 %

12 %

20 %

%

%

	CONC	LOD	CONC	LOD	CONC	LOD	CONC	LOD	CONC	LOD
2,3,7,8-TCDD.....	ND	0.10	ND	0.10	10	NA				
TOTAL TCDD.....	ND	0.10	ND	0.10	10	NA				
TOTAL PeCDD.....	ND	0.10	ND	0.10	ND	0.10				
TOTAL HxCDD.....	ND	0.10	ND	0.10	9.2	NA				
TOTAL TCDF.....	ND	0.10	ND	0.10	5.0	NA				
TOTAL PeCDF.....	ND	0.10	ND	0.10	ND	0.10				
TOTAL HxCDF.....	ND	0.10	ND	0.10	9.6	NA				

CONC CONCENTRATION
ND NONE DETECTED
NA NOT APPLICABLE
LOD LIMIT OF DETECTION

B-119

WESTON ANALYTICS
BLANK SPIKE/BLANK SPIKE DUPLICATE RECOVERY

CLIENT: WSRC
BS GC/MS FILE NAME: Z0312008
BSD GC/MS FILE NAME: NA
EXTRACTION BATCH NO: 90SP249
SAMPLE ID : BS

CONTRACTOR: WESTON
DATE EXTRACTED: 03/01/90
DATE ANALYZED: 03/12/90
CLIENT ID: BS

COMPOUND	AMOUNT SPIKED ng	SAMPLE WT./VOL. g	SPIKE CONC. Ng/g	CONC. FOUND Ng/g	BLANK CONC..	% REC
2,3,7,8-TCDD	50	5.0	10	10.0	ND	100
1,2,3,6,7,8-HXCDD	50	5.0	10	9.2	ND	92
OCDD	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDF	50	5.0	10	5.0	ND	50
1,2,3,6,7,8-HXCDF	50	5.0	10	9.6	ND	96
OCDF	NA	NA	NA	NA	NA	NA

B-120

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WSRC-GRACE ROAD
RFW #: 90021607
W.O. #: 0630-28-12

SAMPLES RECEIVED: 02-23-90

INORGANIC NARRATIVE

The following is a summary of the quality control results and a description of any problems encountered during the analysis of this batch of samples:

1. All sample holding times as required by 40CFR136 were met for water samples. Note: Holding times for soil samples have not been promulgated by the USEPA.
2. All preparation blanks were analyzed below the required detection limit.
3. All calibration verification checks were within the required control limits of 90-100%. Calibration verification is performed using independent standards.
4. All laboratory control standards (blank spikes) were within the control limits of 80-120%.
5. All replicate results were within the 20% guidance limit.
6. The analytical methods applied by the laboratory, unless otherwise requested, for all inorganic analyses are derived from the USEPA Method for Chemical Analysis of Water and Wastes (USEPA 600/4-79-020), and Standard Methods for the Examination of Water and Wastewater 16 ed. Methods for the analysis of solid samples are derived from Test Methods for Evaluating Solid Waste (USEPA SW846).
7. USEPA-CLP SOW 787 was followed for the analysis of cyanide.

NOTE: For solid samples, all results are reported on a dry weight basis.

Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

3-23-91

Date

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L607

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
GRS-08-01						
% SOLIDS	001	S	90L&S040	02/21/90	03/08/90	03/08/90
% SOLIDS	001 REP	S	90L&S040	02/21/90	03/08/90	03/08/90
TOTAL CYANIDE	001	S	90LC095	02/21/90	03/04/90	03/05/90
SULFIDE	001	S	90LSD022	02/21/90	03/15/90	03/15/90

LAB QC:

TOTAL CYANIDE	CCB	W	90LC095	N/A	03/04/90	03/05/90
TOTAL CYANIDE	CCB	W	90LC095	N/A	03/04/90	03/05/90
TOTAL CYANIDE	CCV L	W	90LC095	N/A	03/04/90	03/05/90
TOTAL CYANIDE	CCV L	W	90LC095	N/A	03/04/90	03/05/90
TOTAL CYANIDE	ICB	W	90LC095	N/A	03/04/90	03/05/90
TOTAL CYANIDE	ICV L	W	90LC095	N/A	03/04/90	03/05/90
TOTAL CYANIDE	LCS L	W	90LC095	N/A	03/04/90	03/05/90
TOTAL CYANIDE	LCS L	W	90LC095	N/A	03/04/90	03/05/90
TOTAL CYANIDE	MB1	W	90LC095	N/A	03/04/90	03/05/90
SULFIDE	MB1	S	90LSD022	N/A	03/15/90	03/15/90
SULFIDE	MB1 BS	S	90LSD022	N/A	03/15/90	03/15/90
SULFIDE	MB2	S	90LSD022	N/A	03/15/90	03/15/90
SULFIDE	MB2 BS	S	90LSD022	N/A	03/15/90	03/15/90
SULFIDE	MB3	S	90LSD022	N/A	03/15/90	03/15/90
SULFIDE	MB3 BS	S	90LSD022	N/A	03/15/90	03/15/90
SULFIDE	MB4	S	90LSD022	N/A	03/15/90	03/15/90
SULFIDE	MB4 BS	S	90LSD022	N/A	03/15/90	03/15/90

ROY F. WESTON, INC.

GLOSSARY OF TERMS - INORGANIC REPORTS

DATA QUALIFIERS

- U - Indicates that the parameter was not detected at or above the reported limit. The associated numerical value is the sample detection limit.
- * - Indicates that the original sample result is greater than 4x the spike amount added. The USEPA-CLP has determined that spike results on samples where this occurs may be unreliable and, therefore, the control limits are not applicable.

ABBREVIATIONS

- MB - Method or preparation blank.
- MS - Matrix Spike.
- MSD - Matrix Spike Duplicate.
- REP - Sample Replicate.
- LC - Indicates a method LCS or Blank Spike.
- NC - Not calculable, result below the detection limit.

LABORATORY CHRONOLOGY AND HOLDTIME REPORT

The test code listed indicates the specific analysis or preparation procedure employed. The codes may be interpreted as follows:

- MAAW - Metals prep test for AA digestion, water matrix.
- MAAS - Metals prep test for AA digestion, soil matrix.
- MICW - Metals prep test for ICP digestion, water matrix.
- MICS - Metals prep test for ICP digestion, soil matrix.
- M**TO- This type of code indicates a total metal analysis (eg. MAGTO indicates an analysis for total silver).
- M**SO- This type of code indicates a soluble metal analysis. (eg. MAGSO indicates an analysis for soluble silver).
- M**EP- This type of code indicates an EPTOXICITY metals analysis (eg. MAGEP indicates an analysis for eptox silver).
- I**TO- This type of code indicates a non-metallic total analysis. There is also a complimentary soluble analysis for each of these codes (eg. ICNTO indicates an analysis for total cyanide).

A suffix of -R or -S following these codes indicates a replicate or spike analysis respectively.

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 03/19/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L607

SAMPLE :	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
-----	-----	-----	-----	-----	-----
-001	GRS-08-01	% SOLIDS	83.6	%	0.1
		CYANIDE, TOTAL	1.2 u	MG/KG	1.2
		SULFIDE	0.30 u	MG/KG	0.3

ROY F. WESTON INC.

INORGANICS METHOD BLANK DATA SUMMARY PAGE 03/19/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L607

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
=====	=====	=====	=====	=====	=====
BLANK1	90LC095-MB1	CYANIDE, TOTAL	1.0 u	MG/KG	1.0
BLANK10	90LSD022-MB1	SULFIDE	0.25 u	MG/KG	0.25
BLANK20	90LSD022-MB2	SULFIDE	0.25 u	MG/KG	0.25
BLANK30	90LSD022-MB3	SULFIDE	0.25 u	MG/KG	0.25
BLANK40	90LSD022-MB4	SULFIDE	0.25 u	MG/KG	0.25

ROY F. WESTON INC.

INORGANICS ACCURACY REPORT 03/19/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L607

SAMPLE	SITE ID	ANALYTE	SPIKED SAMPLE	INITIAL RESULT	SPIKED AMOUNT	%RECOV
BLANK10	90LSD022-MB1	SULFIDE	1.0	0.25u	1.0	104
BLANK20	90LSD022-MB2	SULFIDE	1.0	0.25u	1.0	105
BLANK30	90LSD022-MB3	SULFIDE	1.1	0.25u	1.0	109
BLANK40	90LSD022-MB4	SULFIDE	1.1	0.25u	1.0	106

ROY F. WESTON INC.

INORGANICS PRECISION REPORT 03/19/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L607

SAMPLE	SITE ID	ANALYTE	INITIAL RESULT	REPLICATE	% DIFF
-001REP	GRS-08-01	% SOLIDS	83.6	83.5	0.067

ROY F. WESTON INC.

INORGANICS LABORATORY CONTROL STANDARDS REPORT 03/19/90

SAMPLE	SITE ID	ANALYTE	SPIKED SAMPLE	SPIKED AMOUNT	UNITS	%RECOV
LCSS1	90LC095-LCS1	CYANIDE, TOTAL LCS	9.8	10.0	MG/KG	98.1
LCSS2	90LC095-LCS2	CYANIDE, TOTAL LCS	9.8	10.0	MG/KG	98.4

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ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WSRC-GRACE
RFW #: 9002L607
W.O. #: 0630-28-12

SAMPLES RECEIVED: 02/23/90

NARRATIVE

The set of samples consisted of one soil sample collected on 02/21/90.

The samples were extracted on 02/27/90 and analyzed according to criteria set forth in Method 8140 for Appendix IX Organophosphorus Pesticide target compounds on 03/23/90.

All surrogate and blank spike recoveries are within QC limits.

No problems were encountered during sample analysis.

Jack R. Tuschall
Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

3-29-90
Date

GLOSSARY OF PEST/PCB DATADATA QUALIFIERS

- U - Indicates that the compounds was analyzed for but not detected. The minimum detection limit for the sample (not the method detection limit) is reported with the U (e.g., 10U).
- J - Indicates an estimated value. This flag is used in cases where a target analyte is detected at a level less than the lower quantification level. If the limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination. This flag is also used for a TIC as well as for a positively identified TCL compound.
- E - Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- I - Interference.

ABBREVIATIONS

- BS - Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.
- BSD - Indicates blank spike duplicate.
- MS - Indicates matrix spike.
- MSD - Indicates matrix spike duplicate.
- DL - Indicates that recoveries were not obtained because the extract had to be diluted for analysis.
- NA - Not applicable.
- DF - Dilution factor.
- NR - Not required.

Roy F. Weston, Inc. - Lionville Laboratory
 OPP ANALYTICAL DATA PACKAGE FOR
 WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L607

CLIENT ID	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
GRS-08-01	001	S	90LE0283	02/21/90	02/27/90	03/23/90
GRS-08-01	001 REP	S	90LE0283	02/21/90	02/27/90	03/23/90

LAB QC:

PBLK	MB1	S	90LE0283	N/A	02/27/90	03/23/90
PBLK	MB1 BS	S	90LE0283	N/A	02/27/90	03/23/90

RFW Batch Number: 9002L607

Client: WSRC-GRACE ROAD

Work Order: 0630-28-12-0000

Page: 1

Sample Information	Cust ID: GRS-08-01		GRS-08-01		PBLK		PBLK BS	
	RFW#:	001	001 REP		90LE0283-MB1		90LE0283-MB1	
	Matrix:	SOIL	SOIL		SOIL		SOIL	
	D.F.:	0.500	0.500		0.500		0.500	
	Units:	ug/Kg	ug/Kg		ug/Kg		ug/Kg	
Surrogate:	Ethion	68 %	65 %	62 %	64 %			
		=====fl=====	=====fl=====	=====fl=====	=====fl=====	=====fl=====	=====fl=====	=====fl=====
Diazinon		7.8 U	8.0 U	6.7 U	69 %			
Methyl Parathion		7.8 U	8.0 U	6.7 U	60 %			
O,O,O-Triethyl Phosphorothioat		39 U	40 U	33 U	33 U			
Thionazin (Zinophos)		39 U	40 U	33 U	33 U			
Phorate		7.8 U	8.0 U	6.7 U	6.7 U			
Sulfotepp		39 U	40 U	33 U	33 U			
Disulfoton		7.8 U	8.0 U	6.7 U	6.7 U			
Dimethoate		39 U	40 U	33 U	33 U			
Ethyl Parathion		7.8 U	8.0 U	6.7 U	6.7 U			
Famphur (Famophos)		78 U	80 U	67 U	67 U			

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not requested. NS= Not spiked.
 %= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. **= Outside of EPA CLP QC

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ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WSRC-GRACE ROAD
RFW #: 9002L606
W.O. #: 0630-28-12

SAMPLES RECEIVED: 02-23-90

INORGANIC NARRATIVE

The following is a summary of the quality control results and a description of any problems encountered during the analysis of this batch of samples:

1. All sample holding times as required by 40CFR136 were met for water samples. Note: Holding times for soil samples have not been promulgated by the USEPA.
2. All preparation blanks were analyzed below the required detection limit.
3. All calibration verification checks were within the required control limits of 90-100%. Calibration verification is performed using independent standards.
4. The analytical methods applied by the laboratory, unless otherwise requested, for all inorganic analyses are derived from the USEPA Method for Chemical Analysis of Water and Wastes (USEPA 600/4-79-020), and Standard Methods for the Examination of Water and Wastewater 16 ed. Methods for the analysis of solid samples are derived from Test Methods for Evaluating Solid Waste (USEPA SW846).

NOTE: For solid samples, all results are reported on a dry weight basis.

/ Jack R. Tuschall
Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

4-6-90
Date

ROY F. WESTON, INC.

GLOSSARY OF TERMS - INORGANIC REPORTS

DATA QUALIFIERS

- U - Indicates that the parameter was not detected at or above the reported limit. The associated numerical value is the sample detection limit.
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ABBREVIATIONS

- MB - Method or preparation blank.
- MS - Matrix Spike.
- MSD - Matrix Spike Duplicate.
- REP - Sample Replicate.
- LC - Indicates a method LCS or Blank Spike.
- NC - Not calculable, result below the detection limit.

LABORATORY CHRONOLOGY AND HOLDTIME REPORT

The test code listed indicates the specific analysis or preparation procedure employed. The codes may be interpreted as follows:

- MAAW - Metals prep test for AA digestion, water matrix.
- MAAS - Metals prep test for AA digestion, soil matrix.
- MICW - Metals prep test for ICP digestion, water matrix.
- MICS - Metals prep test for ICP digestion, soil matrix.
- M**TO- This type of code indicates a total metal analysis (eg. MAGTO indicates an analysis for total silver).
- M**SO- This type of code indicates a soluble metal analysis. (eg. MAGSO indicates an analysis for soluble silver).
- M**EP- This type of code indicates an EPTOXICITY metals analysis (eg. MAGEP indicates an analysis for eptox silver).
- I**TO- This type of code indicates a non-metallic total analysis. There is also a complimentary soluble analysis for each of these codes (eg. ICNTO indicates an analysis for total cyanide).

A suffix of -R or -S following these codes indicates a replicate or spike analysis respectively.

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 03/30/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L606

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
-001	GRS-10-01	% SOLIDS	94.8	%	0.10
		CATION EXCHANGE CAPACIT	0.94	meq/100g	0.010
		EXCHANGEABLE BASES	0.34	meq/100g	0.010
		EXCHANGEABLE ACIDS	0.60	meq/100g	0.20
		TOTAL ORGANIC CARBON	513	MG/KG	27.0
		PH	6.6	PH UNITS	0.10
-002	GRS-10-02	% SOLIDS	88.3	%	0.10
		CATION EXCHANGE CAPACIT	5.9	meq/100g	0.010
		EXCHANGEABLE BASES	0.26	meq/100g	0.010
		EXCHANGEABLE ACIDS	5.6	meq/100g	0.20
		TOTAL ORGANIC CARBON	258	MG/KG	82.0
		PH	4.7	PH UNITS	0.10
-003	GRS-10-03	% SOLIDS	88.6	%	0.10
		CATION EXCHANGE CAPACIT	4.6	meq/100g	0.010
		EXCHANGEABLE BASES	0.78	meq/100g	0.010
		EXCHANGEABLE ACIDS	3.8	meq/100g	0.20
		TOTAL ORGANIC CARBON	2410	MG/KG	6
		PH	4.7	PH UNITS	0.10
-004	GRS-09-01	% SOLIDS	93.8	%	0.10
-007	GRS-07-01	% SOLIDS	83.1	%	0.10
-008	GRS-07-01A	% SOLIDS	83.5	%	0.10
-011	GRS-08-01	% SOLIDS	82.8	%	0.10
		CATION EXCHANGE CAPACIT	7.7	meq/100g	0.010
		EXCHANGEABLE BASES	0.92	meq/100g	0.010
		EXCHANGEABLE ACIDS	6.8	meq/100g	0.20
		TOTAL ORGANIC CARBON	873	MG/KG	86.0
		PH	7.9	PH UNITS	0.10
-012	GRS-08-02	% SOLIDS	91.8	%	0.10
		CATION EXCHANGE CAPACIT	5.5	meq/100g	0.010
		EXCHANGEABLE BASES	0.51	meq/100g	0.010
		EXCHANGEABLE ACIDS	5.0	meq/100g	0.20
		TOTAL ORGANIC CARBON	454	MG/KG	66.0
		PH	4.8	PH UNITS	0.10

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 03/30/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L606

SAMPLE *****	SITE ID *****	ANALYTE *****	RESULT *****	UNITS *****	REPORTING LIMIT *****
-013	GRS-08-03	% SOLIDS	91.8	%	0.1
		CATION EXCHANGE CAPACIT	3.4	meq/100g	0.0
		EXCHANGEABLE BASES	0.23	meq/100g	0.0
		EXCHANGEABLE ACIDS	3.2	meq/100g	0.2
		TOTAL ORGANIC CARBON	292	MG/KG	60.0
		PH	5.0	PH UNITS	0.1

ROY F. WESTON INC.

INORGANICS METHOD BLANK DATA SUMMARY PAGE 03/30/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L606

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
BLANK10	90LTZ002-MB1	TOTAL ORGANIC CARBON	20.0 u	MG/KG	20.0
BLANK20	90LTZ002-MB2	TOTAL ORGANIC CARBON	20.0 u	MG/KG	20.0

ROY F. WESTON INC.

INORGANICS ACCURACY REPORT 03/30/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L606

SAMPLE	SITE ID	ANALYTE	SPIKED SAMPLE	INITIAL RESULT	SPIKED AMOUNT	%RECO
BLANK10	90LTZ002-MB1	TOTAL ORGANIC CARBON	400	20.0 u	400	100
		TOTAL ORGANIC CARBON	403	20.0 u	400	101
BLANK20	90LTZ002-MB2	TOTAL ORGANIC CARBON	402	20.0 u	400	100

ROY F. WESTON INC.

INORGANICS DUPLICATE SPIKE REPORT 03/30/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L606

SAMPLE	SITE ID	ANALYTE	SPIKE#1 %RECOV	SPIKE#2 %RECOV	%DIFF
BLANK10	90LTZ002-MB1	TOTAL ORGANIC CARBON	100	101	0.80

ROY F. WESTON INC.

INORGANICS PRECISION REPORT 03/30/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9002L606

SAMPLE	SITE ID	ANALYTE	INITIAL RESULT	REPLICATE	& DIFF
-001REP	GRS-10-01	CATION EXCHANGE CAPACIT	0.94	0.92	2.2
		EXCHANGEABLE BASES	0.34	0.32	6.1
-007REP	GRS-07-01	EXCHANGEABLE ACIDS	0.60	0.60	0.00
-011REP	GRS-08-01	% SOLIDS	83.1	83.1	0.099
		% SOLIDS	82.8	82.9	0.10

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L606

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
GRS-10-01						
% SOLIDS	001	S	90L&S040	02/20/90	03/03/90	03/04/90
GROSS ALPHA	001	S		02/20/90		
GROSS BETA	001	S		02/20/90		
CATION EXCHANGE CAPA	001	S	90LCE002	02/20/90	03/15/90	03/15/90
CATION EXCHANGE CAPA	001 REP	S	90LCE002	02/20/90	03/15/90	03/15/90
CEC BASE	001	S	90LCE002	02/20/90	03/12/90	03/12/90
CEC BASE	001 REP	S	90LCE002	02/20/90	03/12/90	03/12/90
CEC PREP	001	S		02/20/90		03/06/90
CEC TITRATION	001	S	90LCE002	02/20/90	03/08/90	03/08/90
CEC TITRATION	001 REP	S	90LCE002	02/20/90	03/08/90	03/08/90
TOTAL ORGANIC CARBON	001	S	90LTZ002	02/20/90	03/02/90	03/02/90
PH	001	S	90LPH042	02/20/90	03/08/90	03/08/90
GRS-10-02						
% SOLIDS	002	S	90L&S040	02/20/90	03/03/90	03/04/90
GROSS ALPHA	002	S		02/20/90		
GROSS BETA	002	S		02/20/90		
CATION EXCHANGE CAPA	002	S	90LCE002	02/20/90	03/15/90	03/15/90
CEC BASE	002	S	90LCE002	02/20/90	03/12/90	03/12/90
CEC PREP	002	S		02/20/90		03/06/90
CEC TITRATION	002	S	90LCE002	02/20/90	03/08/90	03/08/90
TOTAL ORGANIC CARBON	002	S	90LTZ002	02/20/90	03/02/90	03/02/90
PH	002	S	90LPH042	02/20/90	03/08/90	03/08/90
GRS-10-03						
% SOLIDS	003	S	90L&S040	02/20/90	03/03/90	03/04/90
GROSS ALPHA	003	S		02/20/90		
GROSS BETA	003	S		02/20/90		
CATION EXCHANGE CAPA	003	S	90LCE002	02/20/90	03/15/90	03/15/90
CEC BASE	003	S	90LCE002	02/20/90	03/12/90	03/12/90
CEC PREP	003	S		02/20/90		03/06/90
CEC TITRATION	003	S	90LCE002	02/20/90	03/08/90	03/08/90
TOTAL ORGANIC CARBON	003	S	90LTZ002	02/20/90	03/02/90	03/02/90
PH	003	S	90LPH042	02/20/90	03/08/90	03/08/90
GRS-09-01						
% SOLIDS	004	S	90L&S040	02/20/90	03/03/90	03/04/90

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L606

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
GRS-07-01						
% SOLIDS	007	S	90L&S039	02/21/90	03/07/90	03/08/90
% SOLIDS	007 REP	S	90L&S039	02/21/90	03/07/90	03/08/90
GRS-07-01A						
% SOLIDS	008	S	90L&S039	02/21/90	03/07/90	03/08/90
GRS-08-01						
% SOLIDS	011	S	90L&S039	02/21/90	03/07/90	03/08/90
% SOLIDS	011 REP	S	90L&S039	02/21/90	03/07/90	03/08/90
GROSS ALPHA	011	S		02/21/90		
GROSS BETA	011	S		02/21/90		
CATION EXCHANGE CAPA	011	S	90LCE002	02/21/90	03/15/90	03/15/90
CEC BASE	011	S	90LCE002	02/21/90	03/12/90	03/12/90
CEC PREP	011	S		02/21/90		03/06/90
CEC TITRATION	011	S	90LCE002	02/21/90	03/08/90	03/08/90
TOTAL ORGANIC CARBON	011	S	90LTZ002	02/21/90	03/02/90	03/02/90
PH	011	S	90LPH042	02/21/90	03/08/90	03/08/90
GRS-08-02						
% SOLIDS	012	S	90L&S039	02/21/90	03/07/90	03/08/90
CATION EXCHANGE CAPA	012	S	90LCE002	02/21/90	03/15/90	03/15/90
CEC BASE	012	S	90LCE002	02/21/90	03/12/90	03/12/90
CEC PREP	012	S		02/21/90		03/06/90
CEC TITRATION	012	S	90LCE002	02/21/90	03/08/90	03/08/90
TOTAL ORGANIC CARBON	012	S	90LTZ002	02/21/90	03/02/90	03/02/90
PH	012	S	90LPH042	02/21/90	03/08/90	03/08/90
GRS-08-03						
% SOLIDS	013	S	90L&S039	02/21/90	03/07/90	03/08/90
CATION EXCHANGE CAPA	013	S	90LCE002	02/21/90	03/15/90	03/15/90
CEC BASE	013	S	90LCE002	02/21/90	03/12/90	03/12/90
CEC PREP	013	S		02/21/90		03/06/90
CEC TITRATION	013	S	90LCE002	02/21/90	03/08/90	03/08/90

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 02/23/90

RFW LOT # :9002L606

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
TOTAL ORGANIC CARBON	013	S	90LTZ002	02/21/90	03/02/90	03/02/90
PH	013	S	90LPH042	02/21/90	03/08/90	03/08/90
GRS-08-03E						
GROSS ALPHA	014	W		02/21/90		
GROSS BETA	014	W		02/21/90		

LAB QC:

TOTAL ORGANIC CARBON	MB1	S	90LTZ002	N/A	03/02/90	03/02/90
TOTAL ORGANIC CARBON	MB1 BS	S	90LTZ002	N/A	03/02/90	03/02/90
TOTAL ORGANIC CARBON	MB1 BSD	S	90LTZ002	N/A	03/02/90	03/02/90
TOTAL ORGANIC CARBON	MB2	S	90LTZ002	N/A	03/02/90	03/02/90
TOTAL ORGANIC CARBON	MB2 BS	S	90LTZ002	N/A	03/02/90	03/02/90

yellow, green, w. lab, Bn

865

Custody Transfer Record/Lab Work Request

WESTON Analytics Use Only

90031 861 0.8

Client: 125EC - Grace Road

Work Order: 0630 - 28-12

Date Rec'd: 3/22/90 Date Rec'd: 5/1/90

RFW Contact: B. Shapiro

Client Contact/Phone:

Refrigerator #	#/Type Container	Volume	Preservative	ANALYSES REQUESTED	Matrix	Date Collected	Item/Reason	Received by	Date	Time
1	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6
2	25	25	25	25	25	25	25	25	25	25
3	125	125	125	125	125	125	125	125	125	125
4	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6
5	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6
6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6
7	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6
8	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6
9	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6
10	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6
11	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6
12	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6
13	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6
14	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6
15	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6

Item/Reason	Received by	Date	Time	Item/Reason	Received by	Date	Time
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15

WESTON Analytics Use Only

90031 861 0.8

Client: 125EC - Grace Road

Work Order: 0630 - 28-12

Date Rec'd: 3/22/90 Date Rec'd: 5/1/90

RFW Contact: B. Shapiro

Client Contact/Phone:

Client ID/Description

04-01

04-01A

03-01

05-01

06-01

11-01

01-01

12-01

13-01

14-01

13-01E

13-01F

14-01B

14-01C

14-01D

14-01E

14-01F

14-01G

14-01H

14-01I

14-01J

14-01K

14-01L

14-01M

WESTON Analytics Use Only

90031 861 0.8

Client: 125EC - Grace Road

Work Order: 0630 - 28-12

Date Rec'd: 3/22/90 Date Rec'd: 5/1/90

RFW Contact: B. Shapiro

Client Contact/Phone:

Client ID/Description

04-01

04-01A

03-01

05-01

06-01

11-01

01-01

12-01

13-01

14-01

13-01E

13-01F

14-01B

14-01C

14-01D

14-01E

14-01F

14-01G

14-01H

14-01I

14-01J

14-01K

14-01L

14-01M

Yellow, Green, W. Lab, Ben

865

Custody Transfer Record/Lab Work Request

Lat: 11/11/11

WESTON

WESTON Analytics Use Only

90031 865-10-11

Client 125RC - Grace Road
 Work Order 0630-28-12
 Date Rec'd. 3/22/90 Date Rec'd. 5/1/90
 RFW Contact B. Shapiro
 Client Contact/Phone 1-800-451-1234

Refrigerator#	1	6	4	4	4	4	4	4	4
#Type Container	1/6	1/6	1/6	1/6	1/6	1	1/6	1/6	
Volume	25	250	125	250	500	1	125	4/PH	
Preservative	-	-	-	-	-	-	-	-	
ANALYSES REQUESTED	UOA	OWA	NETAS	RAO	PK	TAC	CEL	Spec Cond	

WA Use Only Lab ID	Client ID/Description	Matrix	Date Collected	102TH	102SH	102MD	102PH	102SA	102SO	102CEL	102Spec Cond
1	02-01	S	3/19/90	✓	✓						
2	04-01			✓	✓	✓	✓				
3	04-01A			✓	✓	✓	✓				
4	03-01			✓	✓						
5	05-01		3/20/90	✓	✓	✓					
6	06-01			✓	✓	✓	✓				
7	11-01			✓	✓	✓	✓				
8	01-01			✓	✓	✓	✓				
9	12-01			✓	✓						
10	13-01		3/21/90	✓	✓	✓					
11	14-01			✓	✓	✓					
12	13-01E	W	3/21/90	✓	✓						
13	13-01E										
14	14-01B			✓							
15	14-01C			✓							

Matrix: W - Water DS - Drum Solids X - Other
 S - Soil O - Oil DL - Drum Liquids
 SE - Sediment A - Air F - Fish
 SO - Solid WI - Wipe L - EP/TCLP Leachate

Special Instructions: Metals = Total PCA
 RAD = Gross Alpha + Beta
 QCP/DEL = STD

Item/Reason	Relinquished by	Received by	Date	Time	Item/Reason	Relinquished by	Received by	Date	Time
ALL CEC	Kick	Officer	3/22/90	9:30 AM	TO C	Officer	Officer	4/2/90	1:35
STORE	Shippard	Officer	3/27/90	10 AM	235-210-12	Officer	Officer	4/4/90	0915
On Site	Shippard	Officer	3/27/90	8 -	Return	Officer	Officer	4/4/90	1700
Storage	Shippard	Officer	3/27/90	5 -	(012 rods)	Officer	Officer	4/6/90	0900
CEC/MS	Shippard	Officer	3/27/90	11 AM	Return	Officer	Officer	4/6/90	1800
					1/28	Officer	Officer	4/12/90	1045
					1/28	Officer	Officer	4/25/90	1100

WESTON Analytics Use Only

Sample Were:
 1 Shipped in Hand-Delivered

NOTES:
 2 A...
 NOTES:

3 Received Broken/Leaking (Improperly Sealed)

Y (N)

NOTES:

4 Properly Preserved

Y (N)

NOTES:

5 Received Within

NOTES:

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Revision Cancelled

Request for
 Analy. from They ha
 27-115

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WSRC-GRACE ROAD
RFW #: 9003L865, BNA
W.O. #: 0630-28-12

SAMPLES RECEIVED: 03/22/90

NARRATIVE

The set of samples consisted of 11 soil samples collected on 03/19,20,21/90.

The samples were extracted on 03/27/90 and analyzed according to criteria set forth in SW 846 method 8270 for TCL Semivolatile target compounds on 04/02,03/90.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analysis:

1. Non-target compounds were detected in these samples.
2. All surrogate recoveries are within EPA QC limits.
3. One of 22 blank and matrix spike recoveries is outside EPA QC limits.

Jack R. Tuschall
Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

5-2-90
Date

DATA QUALIFIERS

- U = Compound was analyzed for but not detected. The associated numerical value is the estimated sample quantitation limit which is included and corrected for dilution and percent moisture.
- J = Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero; for example, if the limit of detection is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination. This flag is also used for a TIC as well as for a positively identified TCL compound.
- E = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- I = Interference.
- A = Aldol Condensation Product.
- X = Additional qualifiers used as required are explained in the case narrative.
- NQ = Result qualitatively confirmed but not able to quantify.

ABBREVIATIONS

- BS = Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.
- BSD = Indicates blank spike duplicate.
- MS = Indicates matrix spike.
- MSD = Indicates matrix spike duplicate.
- DL = Indicates that surrogate recoveries were not obtained because the extract had to be diluted for analysis.
- NA = Not applicable.
- DF = Dilution factor.
- NR = Not required.

Cust ID:		GRS-02-01	GRS-02-01	GRS-04-01	GRS-04-01	GRS-04-01A	GRS-03-01
Sample	RFW#:	001	001 MS	002	002 REP	003	004
Information	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Surrogate	Nitrobenzene-d5	65 %	65 %	73 %	75 %	76 %	92 %
Recovery	2-Fluorobiphenyl	57 %	67 %	65 %	73 %	68 %	92 %
	p-Terphenyl-d14	63 %	62 %	67 %	68 %	59 %	79 %
	Phenol-d5	79 %	66 %	76 %	81 %	81 %	93 %
	2-Fluorophenol	74 %	59 %	69 %	78 %	66 %	72 %
	2,4,6-Tribromophenol	77 %	63 %	56 %	78 %	94 %	95 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Phenol		390 U	72 %	350 U	350 U	350 U	390 U
bis(2-Chloroethyl)ether		390 U	390 U	350 U	350 U	350 U	390 U
2-Chlorophenol		390 U	69 %	350 U	350 U	350 U	390 U
1,3-Dichlorobenzene		390 U	390 U	350 U	350 U	350 U	390 U
1,4-Dichlorobenzene		390 U	60 %	350 U	350 U	350 U	390 U
Benzyl alcohol		390 U	390 U	350 U	350 U	350 U	390 U
1,2-Dichlorobenzene		390 U	390 U	350 U	350 U	350 U	390 U
2-Methylphenol		390 U	390 U	350 U	350 U	350 U	390 U
bis(2-Chloroisopropyl)ether		390 U	390 U	350 U	350 U	350 U	390 U
4-Methylphenol		390 U	390 U	350 U	350 U	350 U	390 U
N-Nitroso-Di-n-propylamine		390 U	83 %	350 U	350 U	350 U	390 U
Hexachloroethane		390 U	390 U	350 U	350 U	350 U	390 U
Nitrobenzene		390 U	390 U	350 U	350 U	350 U	390 U
Isophorone		390 U	390 U	350 U	350 U	350 U	390 U
2-Nitrophenol		390 U	390 U	350 U	350 U	350 U	390 U
2,4-Dimethylphenol		390 U	390 U	350 U	350 U	350 U	390 U
Benzoic acid		1900 U	2000 U	1700 U	1700 U	1700 U	1900 U
bis(2-Chloroethoxy)methane		390 U	390 U	350 U	350 U	350 U	390 U
2,4-Dichlorophenol		390 U	390 U	350 U	350 U	350 U	390 U
1,2,4-Trichlorobenzene		390 U	73 %	350 U	350 U	350 U	390 U
Naphthalene		390 U	390 U	350 U	350 U	350 U	390 U
4-Chloroaniline		390 U	390 U	350 U	350 U	350 U	390 U
Hexachlorobutadiene		390 U	390 U	350 U	350 U	350 U	390 U
4-Chloro-3-methylphenol		390 U	72 %	350 U	350 U	350 U	390 U
2-Methylnaphthalene		390 U	390 U	350 U	350 U	350 U	390 U
Hexachlorocyclopentadiene		390 U	390 U	350 U	350 U	350 U	390 U

** Outside of EPA CLP QC limits.

RFW#:	001	001 MS	002	002 REP	003	004
2,4,6-Trichlorophenol	390 U	390 U	350 U	350 U	350 U	390 U
2,4,5-Trichlorophenol	1900 U	2000 U	1700 U	1700 U	1700 U	1900 U
2-Chloronaphthalene	390 U	390 U	350 U	350 U	350 U	390 U
2-Nitroaniline	1900 U	2000 U	1700 U	1700 U	1700 U	1900 U
Dimethylphthalate	390 U	390 U	350 U	350 U	350 U	390 U
Acenaphthylene	390 U	390 U	350 U	350 U	350 U	390 U
2,6-Dinitrotoluene	390 U	390 U	350 U	350 U	350 U	390 U
3-Nitroaniline	1900 U	2000 U	1700 U	1700 U	1700 U	1900 U
Acenaphthene	390 U	73 %	350 U	350 U	350 U	390 U
2,4-Dinitrophenol	1900 U	2000 U	1700 U	1700 U	1700 U	1900 U
4-Nitrophenol	1900 U	85 %	1700 U	1700 U	1700 U	1900 U
Dibenzofuran	390 U	390 U	350 U	350 U	350 U	390 U
2,4-Dinitrotoluene	390 U	71 %	350 U	350 U	350 U	390 U
Diethylphthalate	390 U	390 U	350 U	350 U	350 U	390 U
4-Chlorophenyl-phenylether	390 U	390 U	350 U	350 U	350 U	390 U
Fluorene	390 U	390 U	350 U	350 U	350 U	390 U
4-Nitroaniline	1900 U	2000 U	1700 U	1700 U	1700 U	1900 U
4,6-Dinitro-2-methylphenol	1900 U	2000 U	1700 U	1700 U	1700 U	1900 U
N-Nitrosodiphenylamine (1)	390 U	390 U	350 U	350 U	350 U	390 U
4-Bromophenyl-phenylether	390 U	390 U	350 U	350 U	350 U	390 U
Hexachlorobenzene	390 U	390 U	350 U	350 U	350 U	390 U
Pentachlorophenol	1900 U	88 %	1700 U	1700 U	1700 U	1900 U
Phenanthrene	390 U	390 U	350 U	350 U	350 U	390 U
Anthracene	390 U	390 U	350 U	350 U	350 U	390 U
Di-n-Butylphthalate	390 U	160 J	350 U	350 U	350 U	390 U
Fluoranthene	390 U	390 U	350 U	350 U	350 U	390 U
Pyrene	390 U	60 %	350 U	350 U	350 U	390 U
Butylbenzylphthalate	390 U	390 U	350 U	350 U	350 U	390 U
3,3'-Dichlorobenzidine	780 U	780 U	700 U	700 U	700 U	770 U
Benzo(a)anthracene	390 U	390 U	350 U	350 U	350 U	390 U
Chrysene	390 U	390 U	350 U	350 U	350 U	390 U
bis(2-Ethylhexyl)phthalate	130 JB	260 JB	140 JB	75 JB	120 JB	350 JB
Di-n-Octyl phthalate	390 U	390 U	350 U	350 U	350 U	390 U
Benzo(b)fluoranthene	390 U	390 U	350 U	350 U	350 U	390 U
Benzo(k)fluoranthene	390 U	390 U	350 U	350 U	350 U	390 U
Benzo(a)pyrene	390 U	390 U	350 U	350 U	350 U	390 U
Indeno(1,2,3-cd)pyrene	390 U	390 U	350 U	350 U	350 U	390 U
Dibenzo(a,h)anthracene	390 U	390 U	350 U	350 U	350 U	390 U
Benzo(g,h,i)perylene	390 U	390 U	350 U	350 U	350 U	390 U

(1) - Cannot be separated from Diphenylamine. ** Outside of EPA CLP QC limits.

Cust ID:		GRS-05-01	GRS-06-01	GRS-11-01	GRS-01-01	GRS-12-01	GRS-13-01
Sample	RFW#:	005	006	007	008	009	010
Information	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Surrogate	Nitrobenzene-d5	86 %	78 %	76 %	70 %	75 %	69 %
Recovery	2-Fluorobiphenyl	83 %	69 %	76 %	69 %	75 %	65 %
	p-Terphenyl-d14	68 %	69 %	71 %	82 %	84 %	79 %
	Phenol-d5	86 %	78 %	82 %	71 %	83 %	81 %
	2-Fluorophenol	69 %	52 %	60 %	56 %	64 %	67 %
	2,4,6-Tribromophenol	98 %	59 %	89 %	43 %	52 %	64 %
=====f1=====f1=====f1=====f1=====f1=====f1=====							
Phenol		400 U	420 U	350 U	350 U	350 U	380 U
bis(2-Chloroethyl)ether		400 U	420 U	350 U	350 U	350 U	380 U
2-Chlorophenol		400 U	420 U	350 U	350 U	350 U	380 U
1,3-Dichlorobenzene		400 U	420 U	350 U	350 U	350 U	380 U
1,4-Dichlorobenzene		400 U	420 U	350 U	350 U	350 U	380 U
Benzyl alcohol		400 U	420 U	350 U	350 U	350 U	380 U
1,2-Dichlorobenzene		400 U	420 U	350 U	350 U	350 U	380 U
2-Methylphenol		400 U	420 U	350 U	350 U	350 U	380 U
bis(2-Chloroisopropyl)ether		400 U	420 U	350 U	350 U	350 U	380 U
4-Methylphenol		400 U	420 U	350 U	350 U	350 U	380 U
N-Nitroso-Di-n-propylamine		400 U	420 U	350 U	350 U	350 U	380 U
Hexachloroethane		400 U	420 U	350 U	350 U	350 U	380 U
Nitrobenzene		400 U	420 U	350 U	350 U	350 U	380 U
Isophorone		400 U	420 U	350 U	350 U	350 U	380 U
2-Nitrophenol		400 U	420 U	350 U	350 U	350 U	380 U
2,4-Dimethylphenol		400 U	420 U	350 U	350 U	350 U	380 U
Benzoic acid		2000 U	2100 U	1800 U	250 JB	1800 U	1900 U
bis(2-Chloroethoxy)methane		400 U	420 U	350 U	350 U	350 U	380 U
2,4-Dichlorophenol		400 U	420 U	350 U	350 U	350 U	380 U
1,2,4-Trichlorobenzene		400 U	420 U	350 U	350 U	350 U	380 U
Naphthalene		400 U	420 U	350 U	350 U	350 U	380 U
4-Chloroaniline		400 U	420 U	350 U	350 U	350 U	380 U
Hexachlorobutadiene		400 U	420 U	350 U	350 U	350 U	380 U
4-Chloro-3-methylphenol		400 U	420 U	350 U	350 U	350 U	380 U
2-Methylnaphthalene		400 U	420 U	350 U	350 U	350 U	380 U
Hexachlorocyclopentadiene		400 U	420 U	350 U	350 U	350 U	380 U

** Outside of EPA CLP QC limits.

RFW#:	005	006	007	008	009	010
2,4,6-Trichlorophenol	400 U	420 U	350 U	350 U	350 U	380 U
2,4,5-Trichlorophenol	2000 U	2100 U	1800 U	1800 U	1800 U	1900 U
2-Chloronaphthalene	400 U	420 U	350 U	350 U	350 U	380 U
2-Nitroaniline	2000 U	2100 U	1800 U	1800 U	1800 U	1900 U
Dimethylphthalate	400 U	420 U	350 U	350 U	350 U	380 U
Acenaphthylene	400 U	420 U	350 U	350 U	350 U	380 U
2,6-Dinitrotoluene	400 U	420 U	350 U	350 U	350 U	380 U
3-Nitroaniline	2000 U	2100 U	1800 U	1800 U	1800 U	1900 U
Acenaphthene	400 U	420 U	350 U	350 U	350 U	380 U
2,4-Dinitrophenol	2000 U	2100 U	1800 U	1800 U	1800 U	1900 U
4-Nitrophenol	2000 U	2100 U	1800 U	1800 U	1800 U	1900 U
Dibenzofuran	400 U	420 U	350 U	350 U	350 U	380 U
2,4-Dinitrotoluene	400 U	420 U	350 U	350 U	350 U	380 U
Diethylphthalate	400 U	420 U	350 U	350 U	350 U	380 U
4-Chlorophenyl-phenylether	400 U	420 U	350 U	350 U	350 U	380 U
Fluorene	400 U	420 U	350 U	350 U	350 U	380 U
4-Nitroaniline	2000 U	2100 U	1800 U	1800 U	1800 U	1900 U
4,6-Dinitro-2-methylphenol	2000 U	2100 U	1800 U	1800 U	1800 U	1900 U
N-Nitrosodiphenylamine (1)	400 U	420 U	350 U	350 U	350 U	380 U
4-Bromophenyl-phenylether	400 U	420 U	350 U	350 U	350 U	380 U
Hexachlorobenzene	400 U	420 U	350 U	350 U	350 U	380 U
Pentachlorophenol	2000 U	2100 U	1800 U	1800 U	1800 U	1900 U
Phenanthrene	400 U	420 U	350 U	350 U	350 U	380 U
Anthracene	400 U	420 U	350 U	350 U	350 U	380 U
Di-n-Butylphthalate	49 J	42 J	350 U	350 U	53 J	49 J
Fluoranthene	400 U	420 U	350 U	350 U	350 U	380 U
Pyrene	400 U	420 U	350 U	350 U	350 U	380 U
Butylbenzylphthalate	400 U	420 U	350 U	350 U	350 U	380 U
3,3'-Dichlorobenzidine	800 U	830 U	700 U	700 U	700 U	770 U
Benzo(a)anthracene	400 U	420 U	350 U	350 U	350 U	380 U
Chrysene	400 U	420 U	350 U	350 U	350 U	380 U
bis(2-Ethylhexyl)phthalate	63 JB	210 JB	130 JB	120 JB	54 JB	1500 B
Di-n-Octyl phthalate	400 U	420 U	350 U	350 U	350 U	380 U
Benzo(b)fluoranthene	400 U	420 U	350 U	350 U	350 U	380 U
Benzo(k)fluoranthene	400 U	420 U	350 U	350 U	350 U	380 U
Benzo(a)pyrene	400 U	420 U	350 U	350 U	350 U	380 U
Indeno(1,2,3-cd)pyrene	400 U	420 U	350 U	350 U	350 U	380 U
Dibenzo(a,h)anthracene	400 U	420 U	350 U	350 U	350 U	380 U
Benzo(g,h,i)perylene	400 U	420 U	350 U	350 U	350 U	380 U

(1) - Cannot be separated from Diphenylamine. **= Outside of EPA CLP QC limits.

Cust ID: GRS-14-01

SBLK

SBLK BS

Sample Information	RFW#:	011	90LE0366-MB1	90LE0366-MB1
	Matrix:	SOIL	SOIL	SOIL
	D.F.:	1.00	1.00	1.00
	Units:	ug/Kg	ug/Kg	ug/Kg

	Nitrobenzene-d5	66	%	70	%	70	%
Surrogate	2-Fluorobiphenyl	64	%	68	%	82	%
Recovery	p-Terphenyl-d14	77	%	84	%	81	%
	Phenol-d5	73	%	71	%	89	%
	2-Fluorophenol	58	%	67	%	94	%
	2,4,6-Tribromophenol	50	%	60	%	73	%

	fl	fl	fl	fl	fl
Phenol	390 U	330 U	97 *	%	
bis(2-Chloroethyl)ether	390 U	330 U	330	U	
2-Chlorophenol	390 U	330 U	86	%	
1,3-Dichlorobenzene	390 U	330 U	330	U	
1,4-Dichlorobenzene	390 U	330 U	73	%	
Benzyl alcohol	390 U	330 U	330	U	
1,2-Dichlorobenzene	390 U	330 U	330	U	
2-Methylphenol	390 U	330 U	330	U	
bis(2-Chloroisopropyl)ether	390 U	330 U	330	U	
4-Methylphenol	390 U	330 U	330	U	
N-Nitroso-Di-n-propylamine	390 U	330 U	90	%	
Hexachloroethane	390 U	330 U	330	U	
Nitrobenzene	390 U	330 U	330	U	
Isophorone	390 U	330 U	330	U	
2-Nitrophenol	390 U	330 U	330	U	
2,4-Dimethylphenol	390 U	330 U	330	U	
Benzoic acid	2000 U	1700 U	1700	U	
bis(2-Chloroethoxy)methane	390 U	330 U	330	U	
2,4-Dichlorophenol	390 U	330 U	330	U	
1,2,4-Trichlorobenzene	390 U	330 U	78	%	
Naphthalene	390 U	330 U	330	U	
4-Chloroaniline	390 U	330 U	330	U	
Hexachlorobutadiene	390 U	330 U	330	U	
4-Chloro-3-methylphenol	390 U	330 U	87	%	
2-Methylnaphthalene	390 U	330 U	330	U	
Hexachlorocyclopentadiene	390 U	330 U	330	U	

*= Outside of EPA CLP QC limits.

B-158

RFW#: 011 90LE0366-MB1 90LE0366-MB1

2,4,6-Trichlorophenol	390 U	330 U	330 U
2,4,5-Trichlorophenol	2000 U	1700 U	1700 U
2-Chloronaphthalene	390 U	330 U	330 U
2-Nitroaniline	2000 U	1700 U	1700 U
Dimethylphthalate	390 U	330 U	330 U
Acenaphthylene	390 U	330 U	330 U
2,6-Dinitrotoluene	390 U	330 U	330 U
3-Nitroaniline	2000 U	1700 U	1700 U
Acenaphthene	390 U	330 U	87 %
2,4-Dinitrophenol	2000 U	1700 U	1700 U
4-Nitrophenol	2000 U	1700 U	85 %
Dibenzofuran	390 U	330 U	330 U
2,4-Dinitrotoluene	390 U	330 U	77 %
Diethylphthalate	390 U	330 U	330 U
4-Chlorophenyl-phenylether	390 U	330 U	330 U
Fluorene	390 U	330 U	330 U
4-Nitroaniline	2000 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	2000 U	1700 U	1700 U
N-Nitrosodiphenylamine (1)	390 U	330 U	330 U
4-Bromophenyl-phenylether	390 U	330 U	330 U
Hexachlorobenzene	390 U	330 U	330 U
Pentachlorophenol	2000 U	1700 U	90 %
Phenanthrene	390 U	330 U	330 U
Anthracene	390 U	330 U	330 U
Di-n-Butylphthalate	42 J	330 U	330 U
Fluoranthene	390 U	330 U	330 U
Pyrene	390 U	330 U	83 %
Butylbenzylphthalate	390 U	330 U	330 U
3,3'-Dichlorobenzidine	780 U	670 U	670 U
Benzo(a)anthracene	390 U	330 U	330 U
Chrysene	390 U	330 U	330 U
bis(2-Ethylhexyl)phthalate	410 B	47 J	330 U
Di-n-Octyl phthalate	390 U	330 U	330 U
Benzo(b)fluoranthene	390 U	330 U	330 U
Benzo(k)fluoranthene	390 U	330 U	330 U
Benzo(a)pyrene	390 U	330 U	330 U
Indeno(1,2,3-cd)pyrene	390 U	330 U	330 U
Dibenzo(a,h)anthracene	390 U	330 U	330 U
Benzo(g,h,i)perylene	390 U	330 U	330 U

(1) - Cannot be separated from Diphenylamine. ** Outside of EPA CLP QC limits.

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-02-01

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9003L865-001

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: L040204

Level: (low/med) LOW

Date Received: 03/22/90

% Moisture: not dec. 15 dec.

Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 04/02/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.00

Number TICs found: 5

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.33	2000	JAB
2.	ALDOL CONDENSATE	7.07	1000	J
3.	UNKNOWN	7.90	400	JA
4.	ALDOL CONDENSATE	8.10	900	JA
5.	ORGANIC ACID	19.87	500	JB

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-04-01

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9003L865-002

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: L040206

Level: (low/med) LOW

Date Received: 03/22/90

% Moisture: not dec. 5 dec.

Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 04/02/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.00

Number TICs found: 5

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	ALDOL CONDENSATE	6.22	1000	JAB
2.	ALDOL CONDENSATE	6.98	800	JA
3.	ALDOL CONDENSATE	8.05	500	JA
4.	ORGANIC ACID	19.85	500	JB
5.	HYDROCARBON	23.57	300	J

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-04-01REP

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9003L865-002 REP

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: L040207

Level: (low/med) LOW

Date Received: 03/22/90

% Moisture: not dec. 5 dec.

Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 04/02/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.00

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.22	900	JAB
2.	ALDOL CONDENSATE	6.98	1000	JA
3.	ALDOL CONDENSATE	8.05	800	JA
4.	ORGANIC ACID	19.87	600	JB
5.	HYDROCARBON	23.58	400	J

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-04-01A

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9003L865-003

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: L040208

Level: (low/med) LOW

Date Received: 03/22/90

% Moisture: not dec. 5 dec.

Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 04/02/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.00

CONCENTRATION UNITS:

Number TICs found: 5

(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.23	300	JAB
2.	ALDOL CONDENSATE	6.98	500	JA
3.	ALDOL CONDENSATE	8.07	300	JA
4.	ORGANIC ACID	19.87	400	JB
5.	HYDROCARBON	23.58	200	J

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-03-01

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9003L865-004

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: L040209

Level: (low/med) LOW

Date Received: 03/22/90

% Moisture: not dec. 14 dec.

Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 04/02/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.00

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.22	2000	JAB
2.	ALDOL CONDENSATE	6.98	2000	JA
3.	ALDOL CONDENSATE	7.38	500	JA
4.	ALDOL CONDENSATE	8.05	1000	JA
5.	ORGANIC ACID	19.85	600	JB

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-05-01

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9003L865-005

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: L040210

Level: (low/med) LOW

Date Received: 03/22/90

% Moisture: not dec. 18 dec.

Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 04/02/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.00

Number TICs found: 5

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.22	1000	JAB
2.	ALDOL CONDENSATE	6.98	1000	JA
3.	ALDOL CONDENSATE	8.05	1000	JA
4.	ORGANIC ACID	19.85	700	JB
5.	HYDROCARBON	23.60	400	J

1P
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

GRS-06-01

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9003L865-006

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: L040211

Level: (low/med) LOW

Date Received: 03/22/90

% Moisture: not dec. 20 dec.

Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 04/02/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.00

Number TICs found: 5

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.22	1000	JAB
2.	ALDOL CONDENSATE	6.98	1000	JA
3.	ALDOL CONDENSATE	8.05	500	JA
4.	PROPENYL BENZODIOXOLE	12.10	2000	J
5.	ORGANIC ACID	19.85	800	JB

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-11-01

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9003L865-007

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: L040212

Level: (low/med) LOW

Date Received: 03/22/90

% Moisture: not dec. 6 dec.

Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 04/02/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.00

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.22	2000	JAB
2.	ALDOL CONDENSATE	6.98	800	JA
3.	ORGANIC ACID	19.85	400	JB
4.	PHTHALATE	27.22	200	J
5.	PHTHALATE	27.40	200	J

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-01-01

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9003L865-008

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: L040303

Level: (low/med) LOW

Date Received: 03/22/90

% Moisture: not dec. 6 dec.

Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.00

Number TICs found: 5

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.35	1000	JAB
2.	ALDOL CONDENSATE	7.08	1000	JA
3.	UNKNOWN	7.92	300	JA
4.	UNKNOWN	9.63	400	J
5.	ORGANIC ACID	19.88	400	JB

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-13-01

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9003L865-010

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S040307

Level: (low/med) LOW

Date Received: 03/22/90

% Moisture: not dec. 14 dec.

Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.00

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	ALDOL CONDENSATE	5.53	600	JA
2.	ALDOL CONDENSATE	5.85	1000	JAB
3.	ALDOL CONDENSATE	6.53	2000	JA
4.	ALDOL CONDENSATE	7.57	1000	JA
5.	PTHALATE.	24.92	500	J

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-12-01

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9003L865-009

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: S040306

Level: (low/med) LOW

Date Received: 03/22/90

% Moisture: not dec. 5 dec.

Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.00

Number TICs found: 4

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	5.83	700	JAB
2.	ALDOL CONDENSATE	6.53	800	JA
3.	ALDOL CONDENSATE	7.55	200	JA
4.	HYDROCARBON	22.22	500	J

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

GRS-14-01

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 9003L865-011

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: S040308

Level: (low/med) LOW

Date Received: 03/22/90

% Moisture: not dec. 15 dec.

Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.00

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	5.83	1000	JAB
2.	ALDOL CONDENSATE	6.53	1000	JA
3.	PHTHALATE	25.07	1000	J
4.	PHTHALATE	25.18	1000	J
5.	PHTHALATE	25.32	1000	J

1F
SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: Roy F. Weston, Inc. Work Order: 0630-28-12-0000

SBLK

Client: WSRC-GRACE ROAD

Matrix: SOIL

Lab Sample ID: 90LE0366-MB1

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: L040203

Level: (low/med) LOW

Date Received: 03/27/90

% Moisture: not dec. 0 dec.

Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 04/02/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 1.00

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	4.25	200	JA
2.	ALDOL CONDENSATE	5.85	100	JA
3.	ALDOL CONDENSATE	6.35	200	JA
4.	ORGANIC ACID	19.87	300	J

Roy F. Weston, Inc. - Lionville Laboratory
VOA ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 03/22/90

RFW LOT # :9003L865

CLIENT ID	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
GRS-02-01	001	S	90LVW051	03/19/90	N/A	03/27/90
GRS-04-01	002	S	90LVW051	03/19/90	N/A	03/27/90
GRS-04-01A	003	S	90LVW051	03/19/90	N/A	03/27/90
GRS-03-01	004	S	90LVW051	03/19/90	N/A	03/27/90
GRS-05-01	005	S	90LVW051	03/20/90	N/A	03/27/90
GRS-06-01	006	S	90LVW051	03/20/90	N/A	03/27/90
GRS-11-01	007	S	90LVW051	03/20/90	N/A	03/27/90
GRS-01-01	008	S	90LVW054	03/20/90	N/A	03/31/90
GRS-12-01	009	S	90LVW051	03/20/90	N/A	03/27/90
GRS-13-01	010	S	90LVW051	03/21/90	N/A	03/27/90
GRS-14-01	011	S	90LVW051	03/21/90	N/A	03/27/90
GRS-13-01E	012	W	90LVB043	03/21/90	N/A	03/29/90
GRS-14-01B	014	W	90LVB043	03/21/90	N/A	03/29/90
GRS-14-01C	015	W	90LVB043	03/21/90	N/A	03/29/90

LAB QC:

VBLK	MB1	S	90LVW051	N/A	N/A	03/27/90
VBLK	MB1	S	90LVW054	N/A	N/A	03/30/90
VBLK	MB1	W	90LVB043	N/A	N/A	03/29/90

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ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WSRC-GRACE ROAD
RFW #: 9003L865
W.O. #: 0630-28-12

SAMPLES RECEIVED: 03-22-90

INORGANIC NARRATIVE

The following is a summary of the quality control results and a description of any problems encountered during the analysis of this batch of samples:

1. All sample holding times as required by 40CFR136 were met for water samples. Note: Holding times for soil samples have not been promulgated by the USEPA.
2. All preparation blanks were analyzed below the required detection limit.
3. All calibration verification checks were within the required control limits of 90-100%. Calibration verification is performed using independent standards.
4. Matrix spike recoveries for total organic carbon were outside the 75-125% guidance limits. This may be due to an interference present in the sample matrix.
5. Replicate results for total organic carbon were outside the 20% guidance limit. This may be due to sample inhomogeneity.
6. The analytical methods applied by the laboratory, unless otherwise requested, for all inorganic analyses are derived from the USEPA Method for Chemical Analysis of Water and Wastes (USEPA 600/4-79-020), and Standard Methods for the Examination of Water and Wastewater 16 ed. Methods for the analysis of solid samples are derived from Test Methods for Evaluating Solid Waste (USEPA SW846).

NOTE: For solid samples, all results are reported on a dry weight basis.

Jack R. Tuschall, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

5-7-90
Date

GLOSSARY OF TERMS - INORGANIC REPORTS

DATA QUALIFIERS

- U - Indicates that the parameter was not detected at or above the reported limit. The associated numerical value is the sample detection limit.
- * - Indicates that the original sample result is greater than 4x the spike amount added. The USEPA-CLP has determined that spike results on samples where this occurs may be unreliable and, therefore, the control limits are not applicable.

ABBREVIATIONS

- MB - Method or preparation blank.
- MS - Matrix Spike.
- MSD - Matrix Spike Duplicate.
- REP - Sample Replicate.
- LC - Indicates a method LCS or Blank Spike.
- NC - Not calculable, result below the detection limit.

LABORATORY CHRONOLOGY AND HOLDTIME REPORT

The test code listed indicates the specific analysis or preparation procedure employed. The codes may be interpreted as follows:

- MAAW - Metals prep test for AA digestion, water matrix.
- MAAS - Metals prep test for AA digestion, soil matrix.
- MICW - Metals prep test for ICP digestion, water matrix.
- MICS - Metals prep test for ICP digestion, soil matrix.
- M**TO- This type of code indicates a total metal analysis (eg. MAGTO indicates an analysis for total silver).
- M**SO- This type of code indicates a soluble metal analysis. (eg. MAGSO indicates an analysis for soluble silver).
- M**EP- This type of code indicates an EPTOXICITY metals analysis (eg. MAGEP indicates an analysis for eptox silver).
- I**TO- This type of code indicates a non-metallic total analysis. There is also a complimentary soluble analysis for each of these codes (eg. ICNTO indicates an analysis for total cyanide).

A suffix of -R or -S following these codes indicates a replicate or spike analysis respectively.

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 05/01/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9003L803

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
-002	GRS-04-01	% SOLIDS	94.2	%	0.10
-003	GRS-04-01A	% SOLIDS	81.8	%	0.10
-004	GRS-03-01	CATION EXCHANGE CAPACIT	2.4	meq/100g	0.010
		EXCHANGEABLE BASES	2.3	meq/100g	0.010
		EXCHANGEABLE ACIDS	2.3	meq/100g	0.20
		TOTAL ORGANIC CARBON	2470	MG/KG	52.0
		PH	6.2	PH UNITS	0.10
-005	GRS-05-01	% SOLIDS	91.6	%	0.10
-006	GRS-06-01	% SOLIDS	88.6	%	0.10
-007	GRS-11-01	% SOLIDS	90.4	%	0.10
-008	GRS-01-01	% SOLIDS	93.0	%	0.10
-009	GRS-12-01	% SOLIDS	94.7	%	0.10
		CATION EXCHANGE CAPACIT	1.8	meq/100g	0.010
		EXCHANGEABLE BASES	1.4	meq/100g	0.010
		EXCHANGEABLE ACIDS	1.4	meq/100g	0.20
		TOTAL ORGANIC CARBON	808	MG/KG	58.0
		PH	6.5	PH UNITS	0.10
-010	GRS-13-01	% SOLIDS	82.7	%	0.10
-011	GRS-14-01	% SOLIDS	85.3	%	0.10

ROY F. WESTON INC.

INORGANICS METHOD BLANK DATA SUMMARY PAGE 05/01/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9003L865

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
BLANK10	90LTZ003-MB1	TOTAL ORGANIC CARBON	20.0	u MG/KG	20.0
BLANK20	90LTZ003-MB2	TOTAL ORGANIC CARBON	20.0	u MG/KG	20.0

ROY F. WESTON INC.

INORGANICS ACCURACY REPORT 05/01/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9003L885

SAMPLE	SITE ID	ANALYTE	SPIKED SAMPLE	INITIAL RESULT	SPIKED AMOUNT	%RECOV
-009	GRS-12-01	TOTAL ORGANIC CARBON	1440	808	1000	62.8
BLANK10	90LTZ003-MB1	TOTAL ORGANIC CARBON	392	20.0 u	400	98.0
		TOTAL ORGANIC CARBON	394	20.0 u	400	98.5
BLANK20	90LTZ003-MB2	TOTAL ORGANIC CARBON	396	20.0 u	400	99.0

ROY F. WESTON INC.

INORGANICS DUPLICATE SPIKE REPORT 05/01/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9003L865

SAMPLE	SITE ID	ANALYTE	SPIKE#1 %RECOV	SPIKE#2 %RECOV	%DIFF
BLANK10	90LTZ003-MB1	TOTAL ORGANIC CARBON	98.0	98.5	0.50

ROY F. WESTON INC.

INORGANICS PRECISION REPORT 05/01/90

CLIENT: WSRC-GRACE ROAD
WORK ORDER: 0630-28-12-0000

WESTON BATCH #: 9003L865

SAMPLE	SITE ID	ANALYTE	INITIAL RESULT	REPLICATE	% DIFF
=====	=====	=====	=====	=====	=====
-004REP	GRS-03-01	CATION EXCHANGE CAPACIT	2.4	2.4	0.00
		EXCHANGEABLE BASES	2.3	2.3	0.00
		PH	6.2	6.2	0.16
-009REP	GRS-12-01	CATION EXCHANGE CAPACIT	1.8	1.6	11.8
		EXCHANGEABLE BASES	1.4	1.2	15.4
		EXCHANGEABLE ACIDS	1.4	1.2	15.4
		TOTAL ORGANIC CARBON	808	540	39.8

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 03/22/90

RFW LOT # :9003L865

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
GRS-04-01						
% SOLIDS	002	S	90L&S051	03/19/90	03/27/90	03/28/90
GROSS ALPHA	002	S		03/19/90		
GROSS BETA	002	S		03/19/90		
GRS-04-01A						
% SOLIDS	003	S	90L&S051	03/19/90	03/27/90	03/28/90
GRS-03-01						
CATION EXCHANGE CAPA	004	S	90LCE003	03/19/90	04/27/90	04/27/90
CATION EXCHANGE CAPA	004 REP	S	90LCE003	03/19/90	04/27/90	04/27/90
CEC BASE	004	S	90LCE003	03/19/90	04/26/90	04/27/90
CEC BASE	004 REP	S	90LCE003	03/19/90	04/26/90	04/27/90
CEC PREP	004	S		03/19/90		04/25/90
CEC TITRATION	004	S	90LCE003	03/19/90	04/25/90	04/26/90
TOTAL ORGANIC CARBON	004	S	90LTZ003	03/19/90	04/03/90	04/03/90
PH	004	S	90LPH054	03/19/90	03/28/90	03/28/90
PH	004 REP	S	90LPH054	03/19/90	03/28/90	03/28/90
GRS-05-01						
% SOLIDS	005	S	90L&S051	03/20/90	03/27/90	03/28/90
GRS-06-01						
% SOLIDS	006	S	90L&S051	03/20/90	03/27/90	03/28/90
GROSS ALPHA	006	S		03/20/90		
GROSS BETA	006	S		03/20/90		
GRS-11-01						
% SOLIDS	007	S	90L&S051	03/20/90	03/27/90	03/28/90
GRS-01-01						
% SOLIDS	008	S	90L&S051	03/20/90	03/27/90	03/28/90

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 03/22/90

RFW LOT # :9003L865

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
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GRS-12-01

% SOLIDS	009	S	90L&S051	03/20/90	03/27/90	03/28/90
CATION EXCHANGE CAPA	009	S	90LCE003	03/20/90	04/27/90	04/27/90
CATION EXCHANGE CAPA	009 REP	S	90LCE003	03/20/90	04/27/90	04/27/90
CEC BASE	009	S	90LCE003	03/20/90	04/26/90	04/27/90
CEC BASE	009 REP	S	90LCE003	03/20/90	04/26/90	04/27/90
CEC PREP	009	S		03/20/90		04/25/90
CEC TITRATION	009	S	90LCE003	03/20/90	04/25/90	04/26/90
CEC TITRATION	009 REP	S	90LCE003	03/20/90	04/25/90	04/26/90
TOTAL ORGANIC CARBON	009	S	90LTZ003	03/20/90	04/03/90	04/03/90
TOTAL ORGANIC CARBON	009 REP	S	90LTZ003	03/20/90	04/03/90	04/03/90
TOTAL ORGANIC CARBON	009 MS	S	90LTZ003	03/20/90	04/03/90	04/03/90
PH	009	S	90LPH054	03/20/90	03/28/90	03/28/90

GRS-13-01

% SOLIDS	010	S	90L&S051	03/21/90	03/27/90	03/28/90
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GRS-14-01

% SOLIDS	011	S	90L&S051	03/21/90	03/27/90	03/28/90
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GRS-13-0E

GROSS ALPHA	013	W		03/21/90		
GROSS BETA	013	W		03/21/90		

LAB QC:

TOTAL ORGANIC CARBON	MB1	S	90LTZ003	N/A	04/03/90	04/03/90
TOTAL ORGANIC CARBON	MB1 BS	S	90LTZ003	N/A	04/03/90	04/03/90
TOTAL ORGANIC CARBON	MB1 BSD	S	90LTZ003	N/A	04/03/90	04/03/90
TOTAL ORGANIC CARBON	MB2	S	90LTZ003	N/A	04/03/90	04/03/90
TOTAL ORGANIC CARBON	MB2 BS	S	90LTZ003	N/A	04/03/90	04/03/90

208 WELSH POOL ROAD
PICKERING CREEK INDUSTRIAL PARK
LIONVILLE, PA 19353
PHONE: (215) 524-7360
TELEX: 83-5348

20 June 1990

Mr. Howard Hickey
Westinghouse Savannah River Company
Building 740-3A
Aiken, SC 29808

Re: Analytical results for sample collected
At WSRC-Grace Road
(RWF Batches 9002L606, 607, and 9003L865)

Dear Mr. Hickey:

Enclosed are the analytical results for WSRC release order 13. These results consist of an electronic data deliverable, and a standard commercial report which includes a case narrative summarizing QA/QC results.

If we can provide any further information, please call either myself or Ben Shapiro.

Very truly yours,

ROY F. WESTON, INC.

Jack R. Tuschall
Laboratory Manager
Analytics Division

/clk

Enclosure:

cc: Michelle Wilson
Benjamin Shapiro
David Oliphant

WESTON ANALYTICS
LIONVILLE, PA
DATA TRANSFER RECORD

SHEET 1 OF 1
DISK 1 OF 1

LIMS. ☐
WALIS ☒
INITIAL ☒
CORRECTED ☐
OTHER ☐

CLIENT: WSRC-GRACE ROAD

PROJECT MANAGER: BEN SHAPIRO

ELECTRONIC ☒
HARD COPY ☐

ANALYSIS	RFW #	FILE NAME	SITE	W.O. #
INORGANICS METALS VOA BNA RAD	9002L606	W9002606.DAT	GRACE ROAD	0630-28-12
VOA P/PCB BNA HERB TDF INORGANICS OP PEST METALS	9002L607	W9002607.DAT	GRACE ROAD	0630-28-12
INORGANICS METALS VOA BNA RAD	9003L865	W9003865.DAT	GRACE ROAD	0630-28-12

ELECTRONIC TRANSFER BY: *John H. Jones* DATE OF TRANSFER: 6/18/90
HARD COPY TRANSFER BY: _____ DATE OF TRANSFER: _____
RECEIVED BY: _____ DATE OF TRANSFER: _____

Roy F. Weston, Inc. - Lionville Laboratory
BNA ANALYTICAL DATA PACKAGE FOR
WSRC-GRACE ROAD

DATE RECEIVED: 03/22/90

RFW LOT # :9003L865

CLIENT ID	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
GRS-02-01	001	S	90LE0366	03/19/90	03/27/90	04/02/90
GRS-02-01	001 MS	S	90LE0366	03/19/90	03/27/90	04/02/90
GRS-04-01	002	S	90LE0366	03/19/90	03/27/90	04/02/90
GRS-04-01	002 REP	S	90LE0366	03/19/90	03/27/90	04/02/90
GRS-04-01A	003	S	90LE0366	03/19/90	03/27/90	04/02/90
GRS-03-01	004	S	90LE0366	03/19/90	03/27/90	04/02/90
GRS-05-01	005	S	90LE0366	03/20/90	03/27/90	04/02/90
GRS-06-01	006	S	90LE0366	03/20/90	03/27/90	04/02/90
GRS-11-01	007	S	90LE0366	03/20/90	03/27/90	04/02/90
GRS-01-01	008	S	90LE0366	03/20/90	03/27/90	04/03/90
GRS-12-01	009	S	90LE0366	03/20/90	03/27/90	04/03/90
GRS-13-01	010	S	90LE0366	03/21/90	03/27/90	04/03/90
GRS-14-01	011	S	90LE0366	03/21/90	03/27/90	04/03/90

LAB QC:

SBLK	MB1	S	90LE0366	N/A	03/27/90	04/02/90
SBLK	MB1 BS	S	90LE0366	N/A	03/27/90	04/02/90

CUSTOMER
ATTENTION
ADDRESS
CITY
W.O. NO.

Weston - SRP
Mark T. Carkhuff
208 Welsh Pool Rd.
Lionville, Pa 19353
E-1588
Lab Code : BE

TYPE OF ANALYSIS

15-101

CUSTOMER ORDER NUMBER

SAMPLES RECEIVED 03/09/90

CORRECTED REPORT

Customer Identification	DATE TIME ANALY.	Date Collected	Type of Analysis	ACTIVITY/ERROR	UNTS	ACCRCY	INST/IN
L603002	041690	02/13-21	ALPHA	23.00 7.00	pCi/g	1.22	39 C A
E1738	1510						
L603002	041690	02/13-21	BETA	4.00 4.00	pCi/g	1.13	39 C A
E1738	1510						
L603005	041690	02/13-21	ALPHA	20.00 8.00	pCi/g	1.22	40 C A
E1739	1510						
L603005	041690	02/13-21	BETA	4.00 4.00	pCi/g	1.13	40 C A
E1739	1510						
L603014	041690	02/13-21	ALPHA	18.00 7.00	pCi/g	1.22	41 C A
E1740	1510						
L603014	041690	02/13-21	BETA	4.00 3.00	pCi/g	1.13	41 C A
E1740	1510						
L606001	041690	02/13-21	ALPHA	14.00 7.00	pCi/g	1.22	42 C A
E1741	1510						
L606001	041690	02/13-21	BETA	0.00 3.00	pCi/g	1.13	42 C A
741	1510						
L606002	041690	02/13-21	ALPHA	21.00 7.00	pCi/g	1.22	43 C A
E1742	1510						
L606002	041690	02/13-21	BETA	8.00 3.00	pCi/g	1.13	43 C A
E1742	1510						
L606003	041690	02/13-21	ALPHA	30.00 8.00	pCi/g	1.22	44 C A
E1743	1510						
L606003	041690	02/13-21	BETA	9.00 4.00	pCi/g	1.13	44 C A
E1743	1510						
L606011	041690	02/13-21	ALPHA	22.00 8.00	pCi/g	1.22	45 C A
E1744	1510						
L606011	041690	02/13-21	BETA	10.00 4.00	pCi/g	1.13	45 C A
E1744	1510						

☐ REPORTED VIA TELEPHONE

☐ FAX

PAGE 1 OF 1

MA Eberline
Thermo Analytical Inc.

7021 PAN AMERICAN FREEWAY, N.E.
ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 345-3461
FAX (505) 761-5416

APPROVED BY

B-189

Rod Melgard, Mgr.

06-08-1990

DATE

CUSTOMER
ATTENTION
ADDRESS
CITY
W.O. NO.

Weston - SRP
Mark T. Carkhuff
208 Welsh Pool Rd.
Lionville, Pa 19353
E-1685
Lab Code : BE

ALBUQUERQUE LABORATORY

15-101

TYPE OF ANALYSIS

CUSTOMER ORDER NUMBER

SAMPLES RECEIVED 03/30/90

Customer Identification	DATE TIME ANALY.	Date Collected	Type of Analysis	ACTIVITY/ERROR	UNTS	ACCRCY	INST/INJ
9003865002 E2072	042390 0820	03/19-21	ALPHA	11.00 6.00	pCi/g	1.24	39 C A
9003865002 E2072	042390 0820	03/19-21	BETA	13.00 6.00	pCi/g	1.12	39 C A
9003865006 E2073	042390 0820	03/19-21	ALPHA	5.00 3.00	pCi/g	1.24	41 C A
9003865006 E2073	042390 0820	03/19-21	BETA	7.00 3.00	pCi/g	1.12	41 C A
9003865013 E2074	041990 0755	03/19-21	ALPHA	0.00 1.00	pCi/l	1.24	40 DDP
9003865013 E2074	041990 0755	03/19-21	BETA	0.00 4.00	pCi/l	1.12	40 DDP

☐ REPORTED VIA TELEPHONE ☐ FAX

PAGE 1 OF 1

TMA Eberline
Thermo Analytical Inc.

7021 PAN AMERICAN FREEWAY, N.E.
ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 345-3461
FAX (505) 761-6416

APPROVED BY

B-190

05/01-1990

DATE

Rod Melgard Mgr

GRS	100	J220900304900040WA9002L606	001	94.0%	10 BT	0% SOLIDS	I% SOLN
GRS	1001	0220900416901200WA9002L606	001	14.0PCIG	10EBUNK	0GROSS ALPHA	IALPHN
GRS	1001	0220900416901200WA9002L606	001	0.0PCIG	10EBUNK	0NONVOLATILE BETA	IBETAN
GRS	1001	0220900315900002WA9002L606	001	0.94MEQ1	10NADKS	0CATION EXCHANGE CAPA	ICEC N
GRS	1001	0220900315900002WA9002L606	001	0.92MEQ1	10NADKS	0CATION EXCHANGE CAPA	ICEC R
GRS	1001	0220900312900002WA9002L606	001	0.34MEQ1	10NAALM	0EXCHANGEABLE BASES	ICECBN
GRS	1001	0220900312900002WA9002L606	001	0.32MEQ1	10NAALM	0EXCHANGEABLE BASES	ICECBR
GRS	1001	0220900308900002WA9002L606	001	0.60MEQ1	10NAJS	0EXCHANGEABLE ACIDS	ICECTN
GRS	1001	0220900308900002WA9002L606	001	0.60MEQ1	10NAJS	0EXCHANGEABLE ACIDS	ICECTR
GRS	1001	0220900302900002WA9002L606	001	513MGKG	10DODKS	0TOTAL ORGANIC CARBON	IOCT N
GRS	1001	0220900308900042WA9002L606	001	6.6PH U	10PHJH	0PH	IPH N
GRS	1001	0220900323900226WA9002L606	001	1.9MGKG	1.00ICALM	0SILVER, TOTAL	MAGTON
GRS	1001	0220900330900225WA9002L606	001	1.9MGKG	1.00AAER	0ARSENIC, TOTAL	MASTON
GRS	1001	0220900323900226WA9002L606	001	37.3MGKG	1.00ICALM	0BARIUM, TOTAL	MBATON
GRS	1001	0220900323900226WA9002L606	001	0.93MGKG	1.00ICALM	0CADMIUM, TOTAL	MCDTON
GRS	1001	0220900323900226WA9002L606	001	4.2MGKG	1.00ICALM	0CHROMIUM, TOTAL	MCRTON
GRS	1001	0220900319900042WA9002L606	001	0.11MGKG	1.00HGSQ	0MERCURY, TOTAL	MHGTON
GRS	1001	0220900405900225WA9002L606	001	1.4MGKG	1.00AACMT	0LEAD, TOTAL	MPBTON
GRS	1001	0220900401900225WA9002L606	001	0.97MGKG	1.00AAMLR	0SELENIUM, TOTAL	MSETON
GRS	1001	0220900228900032WA9002L606	001	103PER	1.0000MSJBD	54.500TOLUENE-D8	0624HN
GRS	1001	0220900228900032WA9002L606	001	99PER	1.0000MSJBD	54.500BROMOFLUOROBENZENE	0624HN
GRS	1001	0220900228900032WA9002L606	001	100PER	1.0000MSJBD	54.5001,2-DICHLOROETHANE-DO	0624HN
GRS	1001	0220900228900032WA9002L606	001	11UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
GRS	1001	0220900228900032WA9002L606	001	11UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
GRS	1001	0220900228900032WA9002L606	001	11UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
GRS	1001	0220900228900032WA9002L606	001	11UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
GRS	1001	0220900228900032WA9002L606	001	14UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
GRS	1001	0220900228900032WA9002L606	001	11UGKG	1.0000MSJBD	0ACETONE	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN
GRS	1001	0220900228900032WA9002L606	001	11UGKG	1.0000MSJBD	02-BUTANONE	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANE	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HN
GRS	1001	0220900228900032WA9002L606	001	11UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	0BROMODICHLOROMETHANE	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	0TRICHLOROETHENE	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANE	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANE	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	0BENZENE	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	0624HN
GRS	1001	0220900228900032WA9002L606	001	5UGKG	1.0000MSJBD	0BROMOFORM	0624HN
GRS	1001	0220900228900032WA9002L606	001	11UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	0624HN

GRS	1001	0220900228900032WA9002L606	001 2HXONE2JLT	11UGKG	1.0000MSJBD	02-HEXANONE	0624HN
GRS	1001	0220900228900032WA9002L606	001 TCLEE 2JLT	5UGKG	1.0000MSJBD	0TETRACHLOROETHENE	0624HN
GRS	1001	0220900228900032WA9002L606	001 TCLEA 2JLT	5UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	0624HN
GRS	1001	0220900228900032WA9002L606	001 MEC6H52JLT	5UGKG	1.0000MSJBD	0TOLUENE	0624HN
GRS	1001	0220900228900032WA9002L606	001 CLC6H52JLT	5UGKG	1.0000MSJBD	0CHLOROBENZENE	0624HN
GRS	1001	0220900228900032WA9002L606	001 ETC6H52JLT	5UGKG	1.0000MSJBD	0ETHYLBENZENE	0624HN
GRS	1001	0220900228900032WA9002L606	001 STYR 2JLT	5UGKG	1.0000MSJBD	0STYRENE	0624HN
GRS	1001	0220900228900032WA9002L606	001 XYLEN 2JLT	5UGKG	1.0000MSJBD	0XYLENE (TOTAL)	0624HN
GRS	1001	0220900302900034WA9002L606	001RMEC6D82J	105PER	1.0000MSJT	58.000TOLUENE-D8	0624HR
GRS	1001	0220900302900034WA9002L606	001RPBFB 2J	110PER	1.0000MSJT	58.000BROMOFLUOROBENZENE	0624HR
GRS	1001	0220900302900034WA9002L606	001R12DCD42J	87PER	1.0000MSJT	58.0001,2-DICHLOROETHANE-DO	0624HR
GRS	1001	0220900302900034WA9002L606	001RCH3CL 2JLT	12UGKG	1.0000MSJT	0CHLOROMETHANE	0624HR
GRS	1001	0220900302900034WA9002L606	001RCH3BR 2JLT	12UGKG	1.0000MSJT	0BROMOMETHANE	0624HR
GRS	1001	0220900302900034WA9002L606	001RC2H3CL2JLT	12UGKG	1.0000MSJT	0VINYL CHLORIDE	0624HR
GRS	1001	0220900302900034WA9002L606	001RC2H5CL2JLT	12UGKG	1.0000MSJT	0CHLOROETHANE	0624HR
GRS	1001	0220900302900034WA9002L606	001RCH2CL22JB	8UGKG	1.0000MSJT	0METHYLENE CHLORIDE	0624HR
GRS	1001	0220900302900034WA9002L606	001RACET 2JLT	12UGKG	1.0000MSJT	0ACETONE	0624HR
GRS	1001	0220900302900034WA9002L606	001RCS2 2JLT	6UGKG	1.0000MSJT	0CARBON DISULFIDE	0624HR
GRS	1001	0220900302900034WA9002L606	001R11DCE 2JLT	6UGKG	1.0000MSJT	01,1-DICHLOROETHENE	0624HR
GRS	1001	0220900302900034WA9002L606	001R11DCLE2JLT	6UGKG	1.0000MSJT	01,1-DICHLOROETHANE	0624HR
GRS	1001	0220900302900034WA9002L606	001RT12DCE2JLT	6UGKG	1.0000MSJT	01,2-DICHLOROETHENE	0624HR
GRS	1001	0220900302900034WA9002L606	001RCHCL3 2JLT	6UGKG	1.0000MSJT	0CHLOROFORM	0624HR
GRS	1001	0220900302900034WA9002L606	001R12DCLE2JLT	6UGKG	1.0000MSJT	01,2-DICHLOROETHANE	0624HR
GRS	1001	0220900302900034WA9002L606	001RMEK 2JLT	12UGKG	1.0000MSJT	02-BUTANONE	0624HR
GRS	1001	0220900302900034WA9002L606	001R111TCE2JLT	6UGKG	1.0000MSJT	01,1,1-TRICHLOROETHANO	0624HR
GRS	1001	0220900302900034WA9002L606	001RCCL4 2JLT	6UGKG	1.0000MSJT	0CARBON TETRACHLORIDEO	0624HR
GRS	1001	0220900302900034WA9002L606	001RVINYLA2JLT	12UGKG	1.0000MSJT	0VINYL ACETATE	0624HR
GRS	1001	0220900302900034WA9002L606	001RBRDCLM2JLT	6UGKG	1.0000MSJT	0BROMODICHLOROMETHANEO	0624HR
GRS	1001	0220900302900034WA9002L606	001R12DCLP2JLT	6UGKG	1.0000MSJT	01,2-DICHLOROPROPANE	0624HR
GRS	1001	0220900302900034WA9002L606	001R13DCPC2JLT	6UGKG	1.0000MSJT	0CIS-1,3-DICHLOROPROPO	0624HR
GRS	1001	0220900302900034WA9002L606	001RTRCLE 2JLT	6UGKG	1.0000MSJT	0TRICHLOROETHENE	0624HR
GRS	1001	0220900302900034WA9002L606	001RDBRCLM2JLT	6UGKG	1.0000MSJT	0DIBROMOCHLOROMETHANEO	0624HR
GRS	1001	0220900302900034WA9002L606	001R112TCE2JLT	6UGKG	1.0000MSJT	01,1,2-TRICHLOROETHANO	0624HR
GRS	1001	0220900302900034WA9002L606	001RC6H6 2JLT	6UGKG	1.0000MSJT	0BENZENE	0624HR
GRS	1001	0220900302900034WA9002L606	001RT13DCP2JLT	6UGKG	1.0000MSJT	0TRANS-1,3-DICHLOROPRO	0624HR
GRS	1001	0220900302900034WA9002L606	001RCHBR3 2JLT	6UGKG	1.0000MSJT	0BROMOFORM	0624HR
GRS	1001	0220900302900034WA9002L606	001R4ME2PE2JLT	12UGKG	1.0000MSJT	04-METHYL-2-PENTANONEO	0624HR
GRS	1001	0220900302900034WA9002L606	001R2HXONE2JLT	12UGKG	1.0000MSJT	02-HEXANONE	0624HR
GRS	1001	0220900302900034WA9002L606	001RTCLEE 2JLT	6UGKG	1.0000MSJT	0TETRACHLOROETHENE	0624HR
GRS	1001	0220900302900034WA9002L606	001RTCLEA 2JLT	6UGKG	1.0000MSJT	01,1,2,2-TETRACHLOROEO	0624HR
GRS	1001	0220900302900034WA9002L606	001RMEC6H52JLT	6UGKG	1.0000MSJT	0TOLUENE	0624HR
GRS	1001	0220900302900034WA9002L606	001RCLC6H52JLT	6UGKG	1.0000MSJT	0CHLOROBENZENE	0624HR
GRS	1001	0220900302900034WA9002L606	001RETC6H52JLT	6UGKG	1.0000MSJT	0ETHYLBENZENE	0624HR
GRS	1001	0220900302900034WA9002L606	001RSTYR 2JLT	6UGKG	1.0000MSJT	0STYRENE	0624HR
GRS	1001	0220900302900034WA9002L606	001RXYLEN 2JLT	6UGKG	1.0000MSJT	0XYLENE (TOTAL)	0624HR
GRS	1001	0220900305900036WA9002L606	001SMEC6D82J	89PER	1.0000MSJBD	54.500TOLUENE-D8	0624HS
GRS	1001	0220900305900036WA9002L606	001SPBFB 2J	93PER	1.0000MSJBD	54.500BROMOFLUOROBENZENE	0624HS
GRS	1001	0220900305900036WA9002L606	001S12DCD42J	77PER	1.0000MSJBD	54.5001,2-DICHLOROETHANE	0624HS

GRS	10.	0220900305900036WA9002L606	001SCH3CL 2JLT	11UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HS
GRS	1001	0220900305900036WA9002L606	001SCH3BR 2JLT	11UGKG	1.0000MSJBD	0BROMOMETHANE	0624HS
GRS	1001	0220900305900036WA9002L606	001SC2H3CL2JLT	11UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HS
GRS	1001	0220900305900036WA9002L606	001SC2H5CL2JLT	11UGKG	1.0000MSJBD	0CHLOROETHANE	0624HS
GRS	1001	0220900305900036WA9002L606	001SCH2CL22JB	6UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HS
GRS	1001	0220900305900036WA9002L606	001SACET 2JB	12UGKG	1.0000MSJBD	0ACETONE	0624HS
GRS	1001	0220900305900036WA9002L606	001SCS2 2JLT	5UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HS
GRS	1001	0220900305900036WA9002L606	001S11DCE 2J	76PER	1.0000MSJBD	54.5001,1-DICHLOROETHENE	0624HS
GRS	1001	0220900305900036WA9002L606	001S11DCLE2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HS
GRS	1001	0220900305900036WA9002L606	001ST12DCE2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HS
GRS	1001	0220900305900036WA9002L606	001SCHCL3 2JLT	5UGKG	1.0000MSJBD	0CHLOROFORM	0624HS
GRS	1001	0220900305900036WA9002L606	001S12DCLE2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HS
GRS	1001	0220900305900036WA9002L606	001SMEK 2JLT	11UGKG	1.0000MSJBD	02-BUTANONE	0624HS
GRS	1001	0220900305900036WA9002L606	001S111TCE2JLT	5UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANE	0624HS
GRS	1001	0220900305900036WA9002L606	001SCCL4 2JLT	5UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HS
GRS	1001	0220900305900036WA9002L606	001SVINYLA2JLT	11UGKG	1.0000MSJBD	0VINYL ACETATE	0624HS
GRS	1001	0220900305900036WA9002L606	001SBRDCLM2JLT	5UGKG	1.0000MSJBD	0BROMODICHLOROMETHANE	0624HS
GRS	1001	0220900305900036WA9002L606	001S12DCLP2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HS
GRS	1001	0220900305900036WA9002L606	001S13DCPC2JLT	5UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	0624HS
GRS	1001	0220900305900036WA9002L606	001STRCLE 2J	107PER	1.0000MSJBD	54.500TRICHLOROETHENE	0624HS
GRS	1001	0220900305900036WA9002L606	001SDBRCLM2JLT	5UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANE	0624HS
GRS	1001	0220900305900036WA9002L606	001S112TCE2JLT	5UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANE	0624HS
GRS	1001	0220900305900036WA9002L606	001SC6H6 2J	86PER	1.0000MSJBD	54.500BENZENE	0624HS
GRS	1001	0220900305900036WA9002L606	001ST13DCP2JLT	5UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	0624HS
GRS	1001	0220900305900036WA9002L606	001SCHBR3 2JLT	5UGKG	1.0000MSJBD	0BROMOFORM	0624HS
GRS	1001	0220900305900036WA9002L606	001S4ME2PE2JLT	11UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	0624HS
GRS	1001	0220900305900036WA9002L606	001S2HXONE2JLT	11UGKG	1.0000MSJBD	02-HEXANONE	0624HS
GRS	1001	0220900305900036WA9002L606	001STCLEE 2JLT	5UGKG	1.0000MSJBD	0TETRACHLOROETHENE	0624HS
GRS	1001	0220900305900036WA9002L606	001STCLEA 2JLT	5UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	0624HS
GRS	1001	0220900305900036WA9002L606	001SMEC6H52J	86PER	1.0000MSJBD	54.500TOLUENE	0624HS
GRS	1001	0220900305900036WA9002L606	001SCLC6H52J	96PER	1.0000MSJBD	54.500CHLOROBENZENE	0624HS
GRS	1001	0220900305900036WA9002L606	001SETC6H52JLT	5UGKG	1.0000MSJBD	0ETHYLBENZENE	0624HS
GRS	1001	0220900305900036WA9002L606	001SSTYR 2JLT	5UGKG	1.0000MSJBD	0STYRENE	0624HS
GRS	1001	0220900305900036WA9002L606	001SXYLEN 2JLT	5UGKG	1.0000MSJBD	0XYLENE (TOTAL)	0624HS
GRS	1001	0220900308900326WA9002L606	001 NBD5 1X	73PER	1.0000MSDAR	1792.793NITROBENZENE-D5	0625HN
GRS	1001	0220900308900326WA9002L606	001 2FBP 1X	84PER	1.0000MSDAR	1792.7932-FLUOROBIPHENYL	0625HN
GRS	1001	0220900308900326WA9002L606	001 PTERP 1X	95PER	1.0000MSDAR	1792.793P-TERPHENYL-D14	0625HN
GRS	1001	0220900308900326WA9002L606	001 PHEND51X	83PER	1.0000MSDAR	3585.587PHENOL-D5	0625HN
GRS	1001	0220900308900326WA9002L606	001 2FP 1X	82PER	1.0000MSDAR	3585.5872-FLUOROPHENOL	0625HN
GRS	1001	0220900308900326WA9002L606	001 246TBP1X	72PER	1.0000MSDAR	3585.5872,4,6-TRIBROMOPHENOL	0625HN
GRS	1001	0220900308900326WA9002L606	001 PHENOL1XLT	400UGKG	1.0000MSDAR	0PHENOL	0625HN
GRS	1001	0220900308900326WA9002L606	001 B2CEE 1XLT	400UGKG	1.0000MSDAR	0BIS (2-CHLOROETHYL) ET	0625HN
GRS	1001	0220900308900326WA9002L606	001 2CLP 1XLT	400UGKG	1.0000MSDAR	02-CHLOROPHENOL	0625HN
GRS	1001	0220900308900326WA9002L606	001 13DCLB1XLT	400UGKG	1.0000MSDAR	01,3-DICHLOROBENZENE	0625HN
GRS	1001	0220900308900326WA9002L606	001 14DCLB1XLT	400UGKG	1.0000MSDAR	01,4-DICHLOROBENZENE	0625HN
GRS	1001	0220900308900326WA9002L606	001 B2ALC 1XLT	400UGKG	1.0000MSDAR	0BENZYL ALCOHOL	0625HN
GRS	1001	0220900308900326WA9002L606	001 12DCLB1XLT	400UGKG	1.0000MSDAR	01,2-DICHLOROBENZENE	0625HN
GRS	1001	0220900308900326WA9002L606	001 2MP 1XLT	400UGKG	1.0000MSDAR	02-METHYLPHENOL	0625HN

GRS	1001	0220900308900326WA9002L606	001	B2CIPE1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	4MP 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	NDNPA 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	CL6ET 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	NB 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	ISOPHR1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	2NP 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	24DMPN1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	BENZOAlXLT	2000UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	B2CEXM1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	24DCLP1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	124TCB1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	NAP 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	4CANIL1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	HCBD 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	4CL3C 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	2MENAP1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	CL6CP 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	246TCP1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	245TCP1XLT	2000UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	2CNAP 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	2NANIL1XLT	2000UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	DMP 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	ANAPYL1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	26DNT 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	3NANIL1XLT	2000UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	ANAPNE1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	24DNP 1XLT	2000UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	4NP 1XLT	2000UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	DIBZFU1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	24DNT 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	DEP 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	4CLPPE1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	FLRENE1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	4NANIL1XLT	2000UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	46DN2C1XLT	2000UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	NNDPA 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	4BRPPE1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	CL6BZ 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	PCP 1XLT	2000UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	PHANTR1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	ANTRC 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	DNBP 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	FANT 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	PYR 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	BBZP 1XLT	400UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	33CL2B1XLT	800UGKG	1.0000MSDAR
GRS	1001	0220900308900326WA9002L606	001	BAANTR1XLT	400UGKG	1.0000MSDAR

0BIS (2-CHLOROISOPROPYLO625HN
04-METHYLPHENOL O625HN
0N-NITROSO-DI-N-PROPYO625HN
0HEXACHLOROETHANE O625HN
0NITROBENZENE O625HN
0ISOPHORONE O625HN
02-NITROPHENOL O625HN
02,4-DIMETHYLPHENOL O625HN
0BENZOIC ACID O625HN
0BIS (2-CHLOROETHOXY)MO625HN
02,4-DICHLOROPHENOL O625HN
01,2,4-TRICHLOROBENZEO625HN
0NAPHTHALENE O625HN
04-CHLOROANILINE O625HN
0HEXACHLOROBUTADIENE O625HN
04-CHLORO-3-METHYLPHEO625HN
02-METHYLNAPHTHALENE O625HN
0HEXACHLOROCYCLOPENTAO625HN
02,4,6-TRICHLOROPHENOO625HN
02,4,5-TRICHLOROPHENOO625HN
02-CHLORONAPHTHALENE O625HN
02-NITROANILINE O625HN
0DIMETHYLPHTHALATE O625HN
0ACENAPHTHYLENE O625HN
02,6-DINITROTOLUENE O625HN
03-NITROANILINE O625HN
0ACENAPHTHENE O625HN
02,4-DINITROPHENOL O625HN
04-NITROPHENOL O625HN
0DIBENZOFURAN O625HN
02,4-DINITROTOLUENE O625HN
0DIETHYLPHTHALATE O625HN
04-CHLOROPHENYL-PHENYO625HN
0FLUORENE O625HN
04-NITROANILINE O625HN
04,6-DINITRO-2-METHYLO625HN
0N-NITROSODIPHENYLAMIO625HN
04-BROMOPHENYL-PHENYO625HN
0HEXACHLOROBENZENE O625HN
0PENTACHLOROPHENOL O625HN
0PHENANTHRENE O625HN
0ANTHRACENE O625HN
0DI-N-BUTYLPHTHALATE O625HN
0FLUORANTHENE O625HN
0PYRENE O625HN
0BUTYLBENZYLPHTHALATEO625HN
03,3'-DICHLOROBENZIDIO625HN
0BENZO (A) ANTHRACENE O625HN

GRS	10	0220900308900326WA9002L606	001	CHRY 1XLT	4.0UGKG	1.0000MSDAR	0CHRYSENE	0625HN
GRS	1001	0220900308900326WA9002L606	001	BZEHF 1X	1300UGKG	1.0000MSDAR	0BIS(2-ETHYLHEXYL) PHTO	625HN
GRS	1001	0220900308900326WA9002L606	001	DNOP 1XLT	400UGKG	1.0000MSDAR	0DI-N-OCTYL PHTHALATEO	625HN
GRS	1001	0220900308900326WA9002L606	001	BF2ANT1XLT	400UGKG	1.0000MSDAR	0BENZO(B) FLUORANTHENE	0625HN
GRS	1001	0220900308900326WA9002L606	001	BKFANT1XLT	400UGKG	1.0000MSDAR	0BENZO(K) FLUORANTHENE	0625HN
GRS	1001	0220900308900326WA9002L606	001	BAPYR 1XLT	400UGKG	1.0000MSDAR	0BENZO(A) PYRENE	0625HN
GRS	1001	0220900308900326WA9002L606	001	ICDPYR1XLT	400UGKG	1.0000MSDAR	0INDENO(1,2,3-CD) PYREO	625HN
GRS	1001	0220900308900326WA9002L606	001	DBAHA 1XLT	400UGKG	1.0000MSDAR	0DIBENZO(A,H) ANTHRACEO	625HN
GRS	1001	0220900308900326WA9002L606	001	BGHIPY1XLT	400UGKG	1.0000MSDAR	0BENZO(G,H,I) PERYLENEO	625HN
GRS	1002	0220900304900040WA9002L606	002		88.3%	10 BT	0% SOLIDS	1% SOLN
GRS	1002	0220900416901200WA9002L606	002	ALPHAG9W	21.0PCIG	10EBUNK	0GROSS ALPHA	1ALPHN
GRS	1002	0220900416901200WA9002L606	002	BETAG 9W	8.0PCIG	10EBUNK	0NONVOLATILE BETA	1BETAN
GRS	1002	0220900315900002WA9002L606	002	CEC EX	5.9MEQ1	10NADKS	0CATION EXCHANGE CAPA	ICEC N
GRS	1002	0220900312900002WA9002L606	002	CECB EX	0.26MEQ1	10NAAALM	0EXCHANGEABLE BASES	ICECBN
GRS	1002	0220900308900002WA9002L606	002	CECT EX	5.6MEQ1	10NAJS	0EXCHANGEABLE ACIDS	ICECTN
GRS	1002	0220900302900002WA9002L606	002	TOC 9I	258MGKG	10DODKS	0TOTAL ORGANIC CARBON	IOCT N
GRS	1002	0220900308900042WA9002L606	002	PH 9R	4.7PH U	10PHJH	0PH	IPH N
GRS	1002	0220900228900032WA9002L606	002	MEC6D82J	105PER	1.0000MSJBD	61.000TOLUENE-D8	0624HN
GRS	1002	0220900228900032WA9002L606	002	PBFB 2J	103PER	1.0000MSJBD	61.000BROMOFLUOROBENZENE	0624HN
GRS	1002	0220900228900032WA9002L606	002	12DCD42J	110PER	1.0000MSJBD	61.0001,2-DICHLOROETHANE-DO	624HN
GRS	1002	0220900228900032WA9002L606	002	CH3CL 2JLT	12UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
GRS	1002	0220900228900032WA9002L606	002	CH3BR 2JLT	12UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
GRS	1002	0220900228900032WA9002L606	002	C2H3CL2JLT	12UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
GRS	1002	0220900228900032WA9002L606	002	C2H5CL2JLT	12UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
GRS	1002	0220900228900032WA9002L606	002	CH2CL22JB	28UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
GRS	1002	0220900228900032WA9002L606	002	ACET 2JB	53UGKG	1.0000MSJBD	0ACETONE	0624HN
GRS	1002	0220900228900032WA9002L606	002	CS2 2JLT	6UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
GRS	1002	0220900228900032WA9002L606	002	11DCE 2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
GRS	1002	0220900228900032WA9002L606	002	11DCLE2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
GRS	1002	0220900228900032WA9002L606	002	T12DCE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN
GRS	1002	0220900228900032WA9002L606	002	CHCL3 2JLT	6UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
GRS	1002	0220900228900032WA9002L606	002	12DCLE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN
GRS	1002	0220900228900032WA9002L606	002	MEK 2JLT	12UGKG	1.0000MSJBD	02-BUTANONE	0624HN
GRS	1002	0220900228900032WA9002L606	002	111TCE2JLT	6UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANO	0624HN
GRS	1002	0220900228900032WA9002L606	002	CCL4 2JLT	6UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HN
GRS	1002	0220900228900032WA9002L606	002	VINYLA2JLT	12UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN
GRS	1002	0220900228900032WA9002L606	002	BRDCLM2JLT	6UGKG	1.0000MSJBD	0BROMODICHLOROMETHANE	0624HN
GRS	1002	0220900228900032WA9002L606	002	12DCLP2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN
GRS	1002	0220900228900032WA9002L606	002	13DCPC2JLT	6UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	624HN
GRS	1002	0220900228900032WA9002L606	002	TRCLE 2JLT	6UGKG	1.0000MSJBD	0TRICHLOROETHENE	0624HN
GRS	1002	0220900228900032WA9002L606	002	DBRCLM2JLT	6UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANE	0624HN
GRS	1002	0220900228900032WA9002L606	002	112TCE2JLT	6UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO	0624HN
GRS	1002	0220900228900032WA9002L606	002	C6H6 2JLT	6UGKG	1.0000MSJBD	0BENZENE	0624HN
GRS	1002	0220900228900032WA9002L606	002	T13DCP2JLT	6UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	624HN
GRS	1002	0220900228900032WA9002L606	002	CHBR3 2JLT	6UGKG	1.0000MSJBD	0BROMOFORM	0624HN
GRS	1002	0220900228900032WA9002L606	002	4ME2PE2JLT	12UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	0624HN
GRS	1002	0220900228900032WA9002L606	002	2HXONE2JLT	12UGKG	1.0000MSJBD	02-HEXANONE	0624HN
GRS	1002	0220900228900032WA9002L606	002	TCLEE 2JLT	6UGKG	1.0000MSJBD	0TETRACHLOROETHENE	0624HN

GRS	1002	0220900228900032WA9002L606	002	TCLEA 2JLT	6UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO624HN
GRS	1002	0220900228900032WA9002L606	002	MEC6H52JLT	6UGKG	1.0000MSJBD	0TOLUENE O624HN
GRS	1002	0220900228900032WA9002L606	002	CLC6H52JLT	6UGKG	1.0000MSJBD	0CHLOROBENZENE O624HN
GRS	1002	0220900228900032WA9002L606	002	ETC6H52JLT	6UGKG	1.0000MSJBD	0ETHYLBENZENE O624HN
GRS	1002	0220900228900032WA9002L606	002	STYR 2JLT	6UGKG	1.0000MSJBD	0STYRENE O624HN
GRS	1002	0220900228900032WA9002L606	002	XYLEN 2JLT	6UGKG	1.0000MSJBD	0XYLENE (TOTAL) O624HN
GRS	1002	0220900308900326WA9002L606	002	NBD5 1X	78PER	1.0000MSDAR	2018.019NITROBENZENE-D5 O625HN
GRS	1002	0220900308900326WA9002L606	002	2FBP 1X	86PER	1.0000MSDAR	2018.0192-FLUOROBIPHENYL O625HN
GRS	1002	0220900308900326WA9002L606	002	PTERP. 1X	108PER	1.0000MSDAR	2018.019P-TERPHENYL-D14 O625HN
GRS	1002	0220900308900326WA9002L606	002	PHEND51X	92PER	1.0000MSDAR	4036.037PHENOL-D5 O625HN
GRS	1002	0220900308900326WA9002L606	002	2FP 1X	98PER	1.0000MSDAR	4036.0372-FLUOROPHENOL O625HN
GRS	1002	0220900308900326WA9002L606	002	246TBP1X	94PER	1.0000MSDAR	4036.0372,4,6-TRIBROMOPHENOLO625HN
GRS	1002	0220900308900326WA9002L606	002	PHENOL1XLT	450UGKG	1.0000MSDAR	0PHENOL O625HN
GRS	1002	0220900308900326WA9002L606	002	B2CEE 1XLT	450UGKG	1.0000MSDAR	0BIS(2-CHLOROETHYL)ETO625HN
GRS	1002	0220900308900326WA9002L606	002	2CLP 1XLT	450UGKG	1.0000MSDAR	02-CHLOROPHENOL O625HN
GRS	1002	0220900308900326WA9002L606	002	13DCLB1XLT	450UGKG	1.0000MSDAR	01,3-DICHLOROBENZENE O625HN
GRS	1002	0220900308900326WA9002L606	002	14DCLB1XLT	450UGKG	1.0000MSDAR	01,4-DICHLOROBENZENE O625HN
GRS	1002	0220900308900326WA9002L606	002	BZALC 1XLT	450UGKG	1.0000MSDAR	0BENZYL ALCOHOL O625HN
GRS	1002	0220900308900326WA9002L606	002	12DCLB1XLT	450UGKG	1.0000MSDAR	01,2-DICHLOROBENZENE O625HN
GRS	1002	0220900308900326WA9002L606	002	2MP 1XLT	450UGKG	1.0000MSDAR	02-METHYLPHENOL O625HN
GRS	1002	0220900308900326WA9002L606	002	B2CIPE1XLT	450UGKG	1.0000MSDAR	0BIS(2-CHLOROISOPROPYO625HN
GRS	1002	0220900308900326WA9002L606	002	4MP 1XLT	450UGKG	1.0000MSDAR	04-METHYLPHENOL O625HN
GRS	1002	0220900308900326WA9002L606	002	NDNPA 1XLT	450UGKG	1.0000MSDAR	0N-NITROSO-DI-N-PROPYO625HN
GRS	1002	0220900308900326WA9002L606	002	CL6ET 1XLT	450UGKG	1.0000MSDAR	0HEXACHLOROETHANE O625HN
GRS	1002	0220900308900326WA9002L606	002	NB 1XLT	450UGKG	1.0000MSDAR	0NITROBENZENE O625HN
GRS	1002	0220900308900326WA9002L606	002	ISOPHR1XLT	450UGKG	1.0000MSDAR	0ISOPHORONE O625HN
GRS	1002	0220900308900326WA9002L606	002	2NP 1XLT	450UGKG	1.0000MSDAR	02-NITROPHENOL O625HN
GRS	1002	0220900308900326WA9002L606	002	24DMPN1XLT	450UGKG	1.0000MSDAR	02,4-DIMETHYLPHENOL O625HN
GRS	1002	0220900308900326WA9002L606	002	BENZOAL1XLT	2200UGKG	1.0000MSDAR	0BENZOIC ACID O625HN
GRS	1002	0220900308900326WA9002L606	002	B2CEXM1XLT	450UGKG	1.0000MSDAR	0BIS(2-CHLOROETHOXY)MO625HN
GRS	1002	0220900308900326WA9002L606	002	24DCLP1XLT	450UGKG	1.0000MSDAR	02,4-DICHLOROPHENOL O625HN
GRS	1002	0220900308900326WA9002L606	002	124TCB1XLT	450UGKG	1.0000MSDAR	01,2,4-TRICHLOROBENZEO625HN
GRS	1002	0220900308900326WA9002L606	002	NAP 1XLT	450UGKG	1.0000MSDAR	0NAPHTHALENE O625HN
GRS	1002	0220900308900326WA9002L606	002	4CANIL1XLT	450UGKG	1.0000MSDAR	04-CHLOROANILINE O625HN
GRS	1002	0220900308900326WA9002L606	002	HCBD 1XLT	450UGKG	1.0000MSDAR	0HEXACHLOROBUTADIENE O625HN
GRS	1002	0220900308900326WA9002L606	002	4CL3C 1XLT	450UGKG	1.0000MSDAR	04-CHLORO-3-METHYLPHEO625HN
GRS	1002	0220900308900326WA9002L606	002	2MENAP1XLT	450UGKG	1.0000MSDAR	02-METHYLNAPHTHALENE O625HN
GRS	1002	0220900308900326WA9002L606	002	CL6CP 1XLT	450UGKG	1.0000MSDAR	0HEXACHLOROCYCLOPENTAO625HN
GRS	1002	0220900308900326WA9002L606	002	246TCP1XLT	450UGKG	1.0000MSDAR	02,4,6-TRICHLOROPHENOO625HN
GRS	1002	0220900308900326WA9002L606	002	245TCP1XLT	2200UGKG	1.0000MSDAR	02,4,5-TRICHLOROPHENOO625HN
GRS	1002	0220900308900326WA9002L606	002	2CNAP 1XLT	450UGKG	1.0000MSDAR	02-CHLORONAPHTHALENE O625HN
GRS	1002	0220900308900326WA9002L606	002	2NANIL1XLT	2200UGKG	1.0000MSDAR	02-NITROANILINE O625HN
GRS	1002	0220900308900326WA9002L606	002	DMP 1XLT	450UGKG	1.0000MSDAR	0DIMETHYLPHTHALATE O625HN
GRS	1002	0220900308900326WA9002L606	002	ANAPYL1XLT	450UGKG	1.0000MSDAR	0ACENAPHTHYLENE O625HN
GRS	1002	0220900308900326WA9002L606	002	26DNT 1XLT	450UGKG	1.0000MSDAR	02,6-DINITROTOLUENE O625HN
GRS	1002	0220900308900326WA9002L606	002	3NANIL1XLT	2200UGKG	1.0000MSDAR	03-NITROANILINE O625HN
GRS	1002	0220900308900326WA9002L606	002	ANAPNE1XLT	450UGKG	1.0000MSDAR	0ACENAPHTHENE O625HN
GRS	1002	0220900308900326WA9002L606	002	24DNP 1XLT	2200UGKG	1.0000MSDAR	02,4-DINITROPHENOL O625HN

GRS	10	0220900308900326WA9002L606	002	4NP	1XLT	2200UGKG	1.0000MSDAR	04-NITROPHENOL	0625HN
GRS	1002	0220900308900326WA9002L606	002	DIBZFUI	1XLT	450UGKG	1.0000MSDAR	0DIBENZOFURAN	0625HN
GRS	1002	0220900308900326WA9002L606	002	24DNT	1XLT	450UGKG	1.0000MSDAR	02,4-DINITROTOLUENE	0625HN
GRS	1002	0220900308900326WA9002L606	002	DEP	1XLT	450UGKG	1.0000MSDAR	0DIETHYLPHTHALATE	0625HN
GRS	1002	0220900308900326WA9002L606	002	4CLPPEI	1XLT	450UGKG	1.0000MSDAR	04-CHLOROPHENYL-PHENYLO	0625HN
GRS	1002	0220900308900326WA9002L606	002	FLRENEI	1XLT	450UGKG	1.0000MSDAR	0FLUORENE	0625HN
GRS	1002	0220900308900326WA9002L606	002	4NANILI	1XLT	2200UGKG	1.0000MSDAR	04-NITROANILINE	0625HN
GRS	1002	0220900308900326WA9002L606	002	46DN2C	1XLT	2200UGKG	1.0000MSDAR	04,6-DINITRO-2-METHYLO	0625HN
GRS	1002	0220900308900326WA9002L606	002	NNDPA	1XLT	450UGKG	1.0000MSDAR	0N-NITROSODIPHENYLAMIO	0625HN
GRS	1002	0220900308900326WA9002L606	002	4BRPPEI	1XLT	450UGKG	1.0000MSDAR	04-BROMOPHENYL-PHENYLO	0625HN
GRS	1002	0220900308900326WA9002L606	002	CL6BZ	1XLT	450UGKG	1.0000MSDAR	0HEXACHLOROBENZENE	0625HN
GRS	1002	0220900308900326WA9002L606	002	PCP	1XLT	2200UGKG	1.0000MSDAR	0PENTACHLOROPHENOL	0625HN
GRS	1002	0220900308900326WA9002L606	002	PHANTRI	1XLT	450UGKG	1.0000MSDAR	0PHENANTHRENE	0625HN
GRS	1002	0220900308900326WA9002L606	002	ANTRC	1XLT	450UGKG	1.0000MSDAR	0ANTHRACENE	0625HN
GRS	1002	0220900308900326WA9002L606	002	DNBP	1XLT	450UGKG	1.0000MSDAR	0DI-N-BUTYLPHTHALATE	0625HN
GRS	1002	0220900308900326WA9002L606	002	FANT	1XLT	450UGKG	1.0000MSDAR	0FLUORANTHENE	0625HN
GRS	1002	0220900308900326WA9002L606	002	PYR	1XLT	450UGKG	1.0000MSDAR	0PYRENE	0625HN
GRS	1002	0220900308900326WA9002L606	002	BBZP	1XLT	450UGKG	1.0000MSDAR	0BUTYLBENZYLPHTHALATEO	0625HN
GRS	1002	0220900308900326WA9002L606	002	33CL2B	1XLT	900UGKG	1.0000MSDAR	03,3'-DICHLOROBENZIDIO	0625HN
GRS	1002	0220900308900326WA9002L606	002	BAANTR	1XLT	450UGKG	1.0000MSDAR	0BENZO (A) ANTHRACENE	0625HN
GRS	1002	0220900308900326WA9002L606	002	CHRY	1XLT	450UGKG	1.0000MSDAR	0CHRYSENE	0625HN
GRS	1002	0220900308900326WA9002L606	002	B2EHP	1X	6900UGKG	1.0000MSDAR	0BIS (2-ETHYLHEXYL) PHTO	0625HN
GRS	1002	0220900308900326WA9002L606	002	DNOP	1XLT	450UGKG	1.0000MSDAR	0DI-N-OCTYL PHTHALATEO	0625HN
GRS	1002	0220900308900326WA9002L606	002	BF2ANT	1XLT	450UGKG	1.0000MSDAR	0BENZO (B) FLUORANTHENE	0625HN
GRS	1002	0220900308900326WA9002L606	002	BKFANT	1XLT	450UGKG	1.0000MSDAR	0BENZO (K) FLUORANTHENE	0625HN
GRS	1002	0220900308900326WA9002L606	002	BAPYR	1XLT	450UGKG	1.0000MSDAR	0BENZO (A) PYRENE	0625HN
GRS	1002	0220900308900326WA9002L606	002	ICDPYR	1XLT	450UGKG	1.0000MSDAR	0INDENO (1,2,3-CD) PYRE	0625HN
GRS	1002	0220900308900326WA9002L606	002	DBAHA	1XLT	450UGKG	1.0000MSDAR	0DIBENZO (A,H) ANTHRACE	0625HN
GRS	1002	0220900308900326WA9002L606	002	BGHIPY	1XLT	450UGKG	1.0000MSDAR	0BENZO (G,H,I) PERYLENE	0625HN
GRS	1003	0220900304900040WA9002L606	003			88.6%	10 BT	0% SOLIDS	I% SOLN
GRS	1003	0220900416901200WA9002L606	003	ALPHAG9W		30.0PCIG	10EBUNK	0GROSS ALPHA	IALPHN
GRS	1003	0220900416901200WA9002L606	003	BETAG 9W		9.0PCIG	10EBUNK	0NONVOLATILE BETA	IBETAN
GRS	1003	0220900315900002WA9002L606	003	CEC	EX	4.6MEQ1	10NADKS	0CATION EXCHANGE CAPA	ICEC N
GRS	1003	0220900312900002WA9002L606	003	CECB	EX	0.78MEQ1	10NAALM	0EXCHANGEABLE BASES	ICECBN
GRS	1003	0220900308900002WA9002L606	003	CECT	EX	3.8MEQ1	10NAJS	0EXCHANGEABLE ACIDS	ICECTN
GRS	1003	0220900302900002WA9002L606	003	TOC	9I	2410MGKG	10DODKS	0TOTAL ORGANIC CARBON	IOCT N
GRS	1003	0220900308900042WA9002L606	003	PH	9R	4.7PH U	10PHJH	0PH	IPH N
GRS	1003	0220900228900032WA9002L606	003	MEC6D82J		108PER	1.0000MSJBD	59.000TOLUENE-D8	0624HN
GRS	1003	0220900228900032WA9002L606	003	PBFB	2J	102PER	1.0000MSJBD	59.000BROMOFLUOROBENZENE	0624HN
GRS	1003	0220900228900032WA9002L606	003	12DCD42J		109PER	1.0000MSJBD	59.0001,2-DICHLOROETHANE-DO	0624HN
GRS	1003	0220900228900032WA9002L606	003	CH3CL	2JLT	12UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
GRS	1003	0220900228900032WA9002L606	003	CH3BR	2JLT	12UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
GRS	1003	0220900228900032WA9002L606	003	C2H3CL2	2JLT	12UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
GRS	1003	0220900228900032WA9002L606	003	C2H5CL2	2JLT	12UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
GRS	1003	0220900228900032WA9002L606	003	CH2CL2	2JB	33UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
GRS	1003	0220900228900032WA9002L606	003	ACET	2JB	23UGKG	1.0000MSJBD	0ACETONE	0624HN
GRS	1003	0220900228900032WA9002L606	003	CS2	2JLT	6UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
GRS	1003	0220900228900032WA9002L606	003	11DCE	2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN

GRS	1003	0220900228900032WA9002L606	003	11DCLE2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	O624HN
GRS	1003	0220900228900032WA9002L606	003	T12DCE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	O624HN
GRS	1003	0220900228900032WA9002L606	003	CHCL3 2JLT	6UGKG	1.0000MSJBD	0CHLOROFORM	O624HN
GRS	1003	0220900228900032WA9002L606	003	12DCLE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	O624HN
GRS	1003	0220900228900032WA9002L606	003	MEK 2JLT	12UGKG	1.0000MSJBD	02-BUTANONE	O624HN
GRS	1003	0220900228900032WA9002L606	003	111TCE2JLT	6UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANO	0624HN
GRS	1003	0220900228900032WA9002L606	003	CCL4 2JLT	6UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HN
GRS	1003	0220900228900032WA9002L606	003	VINYLA2JLT	12UGKG	1.0000MSJBD	0VINYL ACETATE	O624HN
GRS	1003	0220900228900032WA9002L606	003	BRDCLM2JLT	6UGKG	1.0000MSJBD	0BROMODICHLOROMETHANEO	0624HN
GRS	1003	0220900228900032WA9002L606	003	12DCLP2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	O624HN
GRS	1003	0220900228900032WA9002L606	003	13DCPC2JLT	6UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	0624HN
GRS	1003	0220900228900032WA9002L606	003	TRCLE 2JLT	6UGKG	1.0000MSJBD	0TRICHLOROETHENE	O624HN
GRS	1003	0220900228900032WA9002L606	003	DBRCLM2JLT	6UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANEO	0624HN
GRS	1003	0220900228900032WA9002L606	003	112TCE2JLT	6UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO	0624HN
GRS	1003	0220900228900032WA9002L606	003	C6H6 2JLT	6UGKG	1.0000MSJBD	0BENZENE	O624HN
GRS	1003	0220900228900032WA9002L606	003	T13DCP2JLT	6UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	0624HN
GRS	1003	0220900228900032WA9002L606	003	CHBR3 2JLT	6UGKG	1.0000MSJBD	0BROMOFORM	O624HN
GRS	1003	0220900228900032WA9002L606	003	4ME2PE2JLT	12UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	0624HN
GRS	1003	0220900228900032WA9002L606	003	2HXONE2JLT	12UGKG	1.0000MSJBD	02-HEXANONE	O624HN
GRS	1003	0220900228900032WA9002L606	003	TCLEE 2JLT	6UGKG	1.0000MSJBD	0TETRACHLOROETHENE	O624HN
GRS	1003	0220900228900032WA9002L606	003	TCLEA 2JLT	6UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	0624HN
GRS	1003	0220900228900032WA9002L606	003	MEC6H52JLT	6UGKG	1.0000MSJBD	0TOLUENE	O624HN
GRS	1003	0220900228900032WA9002L606	003	CLC6H52JLT	6UGKG	1.0000MSJBD	0CHLOROBENZENE	O624HN
GRS	1003	0220900228900032WA9002L606	003	ETC6H52JLT	6UGKG	1.0000MSJBD	0ETHYLBENZENE	O624HN
GRS	1003	0220900228900032WA9002L606	003	STYR 2JLT	6UGKG	1.0000MSJBD	0STYRENE	O624HN
GRS	1003	0220900228900032WA9002L606	003	XYLEN 2JLT	6UGKG	1.0000MSJBD	0XYLENE (TOTAL)	O624HN
GRS	1003	0220900308900326WA9002L606	003	NBD5 1X	70PER	1.0000MSDAR	1945.946NITROBENZENE-D5	O625HN
GRS	1003	0220900308900326WA9002L606	003	2FBP 1X	81PER	1.0000MSDAR	1945.9462-FLUOROBIPHENYL	O625HN
GRS	1003	0220900308900326WA9002L606	003	PTERP 1X	93PER	1.0000MSDAR	1945.946P-TERPHENYL-D14	O625HN
GRS	1003	0220900308900326WA9002L606	003	PHEND51X	80PER	1.0000MSDAR	3891.893PHENOL-D5	O625HN
GRS	1003	0220900308900326WA9002L606	003	2FP 1X	82PER	1.0000MSDAR	3891.8932-FLUOROPHENOL	O625HN
GRS	1003	0220900308900326WA9002L606	003	246TBP1X	84PER	1.0000MSDAR	3891.8932,4,6-TRIBROMOPHENOL	O625HN
GRS	1003	0220900308900326WA9002L606	003	PHENOL1XLT	430UGKG	1.0000MSDAR	0PHENOL	O625HN
GRS	1003	0220900308900326WA9002L606	003	B2CEE 1XLT	430UGKG	1.0000MSDAR	0BIS (2-CHLOROETHYL) ETO	0625HN
GRS	1003	0220900308900326WA9002L606	003	2CLP 1XLT	430UGKG	1.0000MSDAR	02-CHLOROPHENOL	O625HN
GRS	1003	0220900308900326WA9002L606	003	13DCLB1XLT	430UGKG	1.0000MSDAR	01,3-DICHLOROBENZENE	O625HN
GRS	1003	0220900308900326WA9002L606	003	14DCLB1XLT	430UGKG	1.0000MSDAR	01,4-DICHLOROBENZENE	O625HN
GRS	1003	0220900308900326WA9002L606	003	BZALC 1XLT	430UGKG	1.0000MSDAR	0BENZYL ALCOHOL	O625HN
GRS	1003	0220900308900326WA9002L606	003	12DCLB1XLT	430UGKG	1.0000MSDAR	01,2-DICHLOROBENZENE	O625HN
GRS	1003	0220900308900326WA9002L606	003	2MP 1XLT	430UGKG	1.0000MSDAR	02-METHYLPHENOL	O625HN
GRS	1003	0220900308900326WA9002L606	003	B2CIPE1XLT	430UGKG	1.0000MSDAR	0BIS (2-CHLOROISOPROPYLO	0625HN
GRS	1003	0220900308900326WA9002L606	003	4MP 1XLT	430UGKG	1.0000MSDAR	04-METHYLPHENOL	O625HN
GRS	1003	0220900308900326WA9002L606	003	NDNPA 1XLT	430UGKG	1.0000MSDAR	0N-NITROSO-DI-N-PROPYO	0625HN
GRS	1003	0220900308900326WA9002L606	003	CL6ET 1XLT	430UGKG	1.0000MSDAR	0HEXACHLOROETHANE	O625HN
GRS	1003	0220900308900326WA9002L606	003	NB 1XLT	430UGKG	1.0000MSDAR	0NITROBENZENE	O625HN
GRS	1003	0220900308900326WA9002L606	003	ISOPHR1XLT	430UGKG	1.0000MSDAR	0ISOPHORONE	O625HN
GRS	1003	0220900308900326WA9002L606	003	2NP 1XLT	430UGKG	1.0000MSDAR	02-NITROPHENOL	O625HN
GRS	1003	0220900308900326WA9002L606	003	24DMPN1XLT	430UGKG	1.0000MSDAR	02,4-DIMETHYLPHENOL	O625HN

GRS	1003	0220900308900326WA9002L606	003	BENZOALXLT	2.0000MSDAR	0BENZOIC ACID	0625HN
GRS	1003	0220900308900326WA9002L606	003	B2CEXM1XLT	430UGKG	0BIS (2-CHLOROETHOXY) MO	0625HN
GRS	1003	0220900308900326WA9002L606	003	24DCLP1XLT	430UGKG	02, 4-DICHLOROPHENOL	0625HN
GRS	1003	0220900308900326WA9002L606	003	124TCB1XLT	430UGKG	01, 2, 4-TRICHLOROBENZEO	0625HN
GRS	1003	0220900308900326WA9002L606	003	NAP 1XLT	430UGKG	0NAPHTHALENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	4CANIL1XLT	430UGKG	04-CHLOROANILINE	0625HN
GRS	1003	0220900308900326WA9002L606	003	HCBD 1XLT	430UGKG	0HEXACHLOROBUTADIENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	4CL3C 1XLT	430UGKG	04-CHLORO-3-METHYLPHEO	0625HN
GRS	1003	0220900308900326WA9002L606	003	2MENAP1XLT	430UGKG	02-METHYLNAPHTHALENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	CL6CP 1XLT	430UGKG	0HEXACHLOROCYCLOPENTAO	0625HN
GRS	1003	0220900308900326WA9002L606	003	246TCP1XLT	430UGKG	02, 4, 6-TRICHLOROPHENOO	0625HN
GRS	1003	0220900308900326WA9002L606	003	245TCP1XLT	2200UGKG	02, 4, 5-TRICHLOROPHENOO	0625HN
GRS	1003	0220900308900326WA9002L606	003	2CNAP 1XLT	430UGKG	02-CHLORONAPHTHALENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	2NANIL1XLT	2200UGKG	02-NITROANILINE	0625HN
GRS	1003	0220900308900326WA9002L606	003	DMP 1XLT	430UGKG	0DIMETHYLPHTHALATE	0625HN
GRS	1003	0220900308900326WA9002L606	003	ANAPYL1XLT	430UGKG	0ACENAPHTHYLENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	26DNT 1XLT	430UGKG	02, 6-DINITROTOLUENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	3NANIL1XLT	2200UGKG	03-NITROANILINE	0625HN
GRS	1003	0220900308900326WA9002L606	003	ANAPNE1XLT	430UGKG	0ACENAPHTHENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	24DNP 1XLT	2200UGKG	02, 4-DINITROPHENOL	0625HN
GRS	1003	0220900308900326WA9002L606	003	4NP 1XLT	2200UGKG	04-NITROPHENOL	0625HN
GRS	1003	0220900308900326WA9002L606	003	DIBZFULXLT	430UGKG	0DIBENZOFURAN	0625HN
GRS	1003	0220900308900326WA9002L606	003	24DNT 1XLT	430UGKG	02, 4-DINITROTOLUENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	DEP 1XLT	430UGKG	0DIETHYLPHTHALATE	0625HN
GRS	1003	0220900308900326WA9002L606	003	4CLPPE1XLT	430UGKG	04-CHLOROPHENYL-PHENYO	0625HN
GRS	1003	0220900308900326WA9002L606	003	FLRENE1XLT	430UGKG	0FLUORENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	4NANIL1XLT	2200UGKG	04-NITROANILINE	0625HN
GRS	1003	0220900308900326WA9002L606	003	46DN2C1XLT	2200UGKG	04, 6-DINITRO-2-METHYLO	0625HN
GRS	1003	0220900308900326WA9002L606	003	NNDPA 1XLT	430UGKG	0N-NITROSODIPHENYLAMIO	0625HN
GRS	1003	0220900308900326WA9002L606	003	4BRPPE1XLT	430UGKG	04-BROMOPHENYL-PHENYLO	0625HN
GRS	1003	0220900308900326WA9002L606	003	CL6BZ 1XLT	430UGKG	0HEXACHLOROBENZENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	PCP 1XLT	2200UGKG	0PENTACHLOROPHENOL	0625HN
GRS	1003	0220900308900326WA9002L606	003	PHANTR1XLT	430UGKG	0PHENANTHRENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	ANTRC 1XLT	430UGKG	0ANTHRACENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	DNBP 1XLT	430UGKG	0DI-N-BUTYLPHTHALATE	0625HN
GRS	1003	0220900308900326WA9002L606	003	FANT 1XLT	430UGKG	0FLUORANTHENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	PYR 1XLT	430UGKG	0PYRENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	BBZP 1XLT	430UGKG	0BUTYLBENZYLPHTHALATEO	0625HN
GRS	1003	0220900308900326WA9002L606	003	33CL2B1XLT	860UGKG	03, 3'-DICHLOROBENZIDIO	0625HN
GRS	1003	0220900308900326WA9002L606	003	BAANTR1XLT	430UGKG	0BENZO (A) ANTHRACENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	CHRY 1XLT	430UGKG	0CHRYSENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	B2EHP 1XB	UGKG	0BIS (2-ETHYLHEXYL) PHTO	0625HN
GRS	1003	0220900308900326WA9002L606	003	DNOP 1XLT	430UGKG	0DI-N-OCTYL PHTHALATEO	0625HN
GRS	1003	0220900308900326WA9002L606	003	BF2ANT1XLT	430UGKG	0BENZO (B) FLUORANTHENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	BKFANT1XLT	430UGKG	0BENZO (K) FLUORANTHENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	BAPYR 1XLT	430UGKG	0BENZO (A) PYRENE	0625HN
GRS	1003	0220900308900326WA9002L606	003	ICDPYR1XLT	430UGKG	0INDENO (1, 2, 3-CD) PYREO	0625HN
GRS	1003	0220900308900326WA9002L606	003	DBAHA 1XLT	430UGKG	0DIBENZO (A, H) ANTHRACEO	0625HN

GRS	1003	0220900308900326WA9002L606	003	BGHIPY1XLT	430UGKG	1.0000MSDAR	0BENZO (G, H, I) PERYLENEO625HN
GRS	1003	0220900309900326WA9002L606	003	NBD5 1X	52PER	51MSDAR	1945.946NITROBENZENE-D5 O625HN
GRS	1003	0220900309900326WA9002L606	003	2FBP 1X	70PER	51MSDAR	1945.9462-FLUOROBIPHENYL O625HN
GRS	1003	0220900309900326WA9002L606	003	PTERP 1X	68PER	51MSDAR	1945.946P-TERPHENYL-D14 O625HN
GRS	1003	0220900309900326WA9002L606	003	PHEND51X	57PER	51MSDAR	3891.893PHENOL-D5 O625HN
GRS	1003	0220900309900326WA9002L606	003	2FP 1X	69PER	51MSDAR	3891.8932-FLUOROPHENOL O625HN
GRS	1003	0220900309900326WA9002L606	003	246TBP1X	40PER	51MSDAR	3891.8932, 4, 6-TRIBROMOPHENOLO625HN
GRS	1003	0220900309900326WA9002L606	003	PHENOL1XLT	2200UGKG	51MSDAR	0PHENOL O625HN
GRS	1003	0220900309900326WA9002L606	003	B2CEE 1XLT	2200UGKG	51MSDAR	0BIS (2-CHLOROETHYL) ETO625HN
GRS	1003	0220900309900326WA9002L606	003	2CLP 1XLT	2200UGKG	51MSDAR	02-CHLOROPHENOL O625HN
GRS	1003	0220900309900326WA9002L606	003	13DCLB1XLT	2200UGKG	51MSDAR	01, 3-DICHLOROBENZENE O625HN
GRS	1003	0220900309900326WA9002L606	003	14DCLB1XLT	2200UGKG	51MSDAR	01, 4-DICHLOROBENZENE O625HN
GRS	1003	0220900309900326WA9002L606	003	BZALC 1XLT	2200UGKG	51MSDAR	0BENZYL ALCOHOL O625HN
GRS	1003	0220900309900326WA9002L606	003	12DCLB1XLT	2200UGKG	51MSDAR	01, 2-DICHLOROBENZENE O625HN
GRS	1003	0220900309900326WA9002L606	003	2MP 1XLT	2200UGKG	51MSDAR	02-METHYLPHENOL O625HN
GRS	1003	0220900309900326WA9002L606	003	B2CIPE1XLT	2200UGKG	51MSDAR	0BIS (2-CHLOROISOPROPYLO625HN
GRS	1003	0220900309900326WA9002L606	003	4MP 1XLT	2200UGKG	51MSDAR	04-METHYLPHENOL O625HN
GRS	1003	0220900309900326WA9002L606	003	NDNPA 1XLT	2200UGKG	51MSDAR	0N-NITROSO-DI-N-PROPYLO625HN
GRS	1003	0220900309900326WA9002L606	003	CL6ET 1XLT	2200UGKG	51MSDAR	0HEXACHLOROETHANE O625HN
GRS	1003	0220900309900326WA9002L606	003	NB 1XLT	2200UGKG	51MSDAR	0NITROBENZENE O625HN
GRS	1003	0220900309900326WA9002L606	003	ISOPHR1XLT	2200UGKG	51MSDAR	0ISOPHORONE O625HN
GRS	1003	0220900309900326WA9002L606	003	2NP 1XLT	2200UGKG	51MSDAR	02-NITROPHENOL O625HN
GRS	1003	0220900309900326WA9002L606	003	24DMPN1XLT	2200UGKG	51MSDAR	02, 4-DIMETHYLPHENOL O625HN
GRS	1003	0220900309900326WA9002L606	003	BENZOA1XLT	11000UGKG	51MSDAR	0BENZOIC ACID O625HN
GRS	1003	0220900309900326WA9002L606	003	B2CEXM1XLT	2200UGKG	51MSDAR	0BIS (2-CHLOROETHOXY)MO625HN
GRS	1003	0220900309900326WA9002L606	003	24DCLP1XLT	2200UGKG	51MSDAR	02, 4-DICHLOROPHENOL O625HN
GRS	1003	0220900309900326WA9002L606	003	124TCB1XLT	2200UGKG	51MSDAR	01, 2, 4-TRICHLOROBENZEO625HN
GRS	1003	0220900309900326WA9002L606	003	NAP 1XLT	2200UGKG	51MSDAR	0NAPHTHALENE O625HN
GRS	1003	0220900309900326WA9002L606	003	4CANIL1XLT	2200UGKG	51MSDAR	04-CHLOROANILINE O625HN
GRS	1003	0220900309900326WA9002L606	003	HCBD 1XLT	2200UGKG	51MSDAR	0HEXACHLOROBUTADIENE O625HN
GRS	1003	0220900309900326WA9002L606	003	4CL3C 1XLT	2200UGKG	51MSDAR	04-CHLORO-3-METHYLPHENO625HN
GRS	1003	0220900309900326WA9002L606	003	2MENAP1XLT	2200UGKG	51MSDAR	02-METHYLNAPHTHALENE O625HN
GRS	1003	0220900309900326WA9002L606	003	CL6CP 1XLT	2200UGKG	51MSDAR	0HEXACHLOROCYCLOPENTAO625HN
GRS	1003	0220900309900326WA9002L606	003	246TCP1XLT	2200UGKG	51MSDAR	02, 4, 6-TRICHLOROPHENOO625HN
GRS	1003	0220900309900326WA9002L606	003	245TCP1XLT	11000UGKG	51MSDAR	02, 4, 5-TRICHLOROPHENOO625HN
GRS	1003	0220900309900326WA9002L606	003	2CNAP 1XLT	2200UGKG	51MSDAR	02-CHLORONAPHTHALENE O625HN
GRS	1003	0220900309900326WA9002L606	003	2NANIL1XLT	11000UGKG	51MSDAR	02-NITROANILINE O625HN
GRS	1003	0220900309900326WA9002L606	003	DMP 1XLT	2200UGKG	51MSDAR	0DIMETHYLPHTHALATE O625HN
GRS	1003	0220900309900326WA9002L606	003	ANAPYL1XLT	2200UGKG	51MSDAR	0ACENAPHTHYLENE O625HN
GRS	1003	0220900309900326WA9002L606	003	26DNT 1XLT	2200UGKG	51MSDAR	02, 6-DINITROTOLUENE O625HN
GRS	1003	0220900309900326WA9002L606	003	3NANIL1XLT	11000UGKG	51MSDAR	03-NITROANILINE O625HN
GRS	1003	0220900309900326WA9002L606	003	ANAPNE1XLT	2200UGKG	51MSDAR	0ACENAPHTHENE O625HN
GRS	1003	0220900309900326WA9002L606	003	24DNP 1XLT	11000UGKG	51MSDAR	02, 4-DINITROPHENOL O625HN
GRS	1003	0220900309900326WA9002L606	003	4NP 1XLT	11000UGKG	51MSDAR	04-NITROPHENOL O625HN
GRS	1003	0220900309900326WA9002L606	003	DIBZFU1XLT	2200UGKG	51MSDAR	0DIBENZOFURAN O625HN
GRS	1003	0220900309900326WA9002L606	003	24DNT 1XLT	2200UGKG	51MSDAR	02, 4-DINITROTOLUENE O625HN
GRS	1003	0220900309900326WA9002L606	003	DEP 1XLT	2200UGKG	51MSDAR	0DIETHYLPHTHALATE O625HN
GRS	1003	0220900309900326WA9002L606	003	4CLPPE1XLT	2200UGKG	51MSDAR	04-CHLOROPHENYL-PHENY625HN

GRS	1001	J220900309900326WA9002L606	003	FLRENE1XLT	2200UGKG	51MSDAR	0FLUORENE	0625HN
GRS	1003	0220900309900326WA9002L606	003	4NANIL1XLT	11000UGKG	51MSDAR	04-NITROANILINE	0625HN
GRS	1003	0220900309900326WA9002L606	003	46DN2C1XLT	11000UGKG	51MSDAR	04,6-DINITRO-2-METHYLO625HN	
GRS	1003	0220900309900326WA9002L606	003	NNDPA 1XLT	2200UGKG	51MSDAR	0N-NITROSODIPHENYLAMIO625HN	
GRS	1003	0220900309900326WA9002L606	003	4BRPPE1XLT	2200UGKG	51MSDAR	04-BROMOPHENYL-PHENYLO625HN	
GRS	1003	0220900309900326WA9002L606	003	CL6BZ 1XLT	2200UGKG	51MSDAR	0HEXACHLOROBENZENE	0625HN
GRS	1003	0220900309900326WA9002L606	003	PCP 1XLT	11000UGKG	51MSDAR	0PENTACHLOROPHENOL	0625HN
GRS	1003	0220900309900326WA9002L606	003	PHANTR1XLT	2200UGKG	51MSDAR	0PHENANTHRENE	0625HN
GRS	1003	0220900309900326WA9002L606	003	ANTRC 1XLT	2200UGKG	51MSDAR	0ANTHRACENE	0625HN
GRS	1003	0220900309900326WA9002L606	003	DNBP 1XLT	2200UGKG	51MSDAR	0DI-N-BUTYLPHTHALATE	0625HN
GRS	1003	0220900309900326WA9002L606	003	FANT 1XLT	2200UGKG	51MSDAR	0FLUORANTHENE	0625HN
GRS	1003	0220900309900326WA9002L606	003	PYR 1XLT	2200UGKG	51MSDAR	0PYRENE	0625HN
GRS	1003	0220900309900326WA9002L606	003	BBZP 1XLT	2200UGKG	51MSDAR	0BUTYLBENZYLPHTHALATEO625HN	
GRS	1003	0220900309900326WA9002L606	003	33CL2B1XLT	4300UGKG	51MSDAR	03,3'-DICHLOROENZIDIO625HN	
GRS	1003	0220900309900326WA9002L606	003	BAANTR1XLT	2200UGKG	51MSDAR	0BENZO(A)ANTHRACENE	0625HN
GRS	1003	0220900309900326WA9002L606	003	CHRY 1XLT	2200UGKG	51MSDAR	0CHRYSENE	0625HN
GRS	1003	0220900309900326WA9002L606	003	B2EHP 1X	5900UGKG	51MSDAR	0BIS(2-ETHYLHEXYL)PHTO625HN	
GRS	1003	0220900309900326WA9002L606	003	DNOP 1XLT	2200UGKG	51MSDAR	0DI-N-OCTYL PHTHALATEO625HN	
GRS	1003	0220900309900326WA9002L606	003	BF2ANT1XLT	2200UGKG	51MSDAR	0BENZO(B)FLUORANTHENE0625HN	
GRS	1003	0220900309900326WA9002L606	003	BKFANT1XLT	2200UGKG	51MSDAR	0BENZO(K)FLUORANTHENE0625HN	
GRS	1003	0220900309900326WA9002L606	003	BAPYR 1XLT	2200UGKG	51MSDAR	0BENZO(A)PYRENE	0625HN
GRS	1003	0220900309900326WA9002L606	003	ICDPYR1XLT	2200UGKG	51MSDAR	0INDENO(1,2,3-CD)PYREO625HN	
GRS	1003	0220900309900326WA9002L606	003	DBAHA 1XLT	2200UGKG	51MSDAR	0DIBENZO(A,H)ANTHRACEO625HN	
GRS	1003	0220900309900326WA9002L606	003	BGHIPY1XLT	2200UGKG	51MSDAR	0BENZO(G,H,I)PERYLENEO625HN	
GRS	0901	0220900304900040WA9002L606	004		93.8%	10 BT	0% SOLIDS	1% SOLN
GRS	0901	0220900323900226WA9002L606	004	AG 2ZLT	2.1MGKG	1.00ICALM	0SILVER, TOTAL	MAGTON
GRS	0901	0220900330900225WA9002L606	004	AS 1BLT	1.5MGKG	1.00AAAER	0ARSENIC, TOTAL	MASTON
GRS	0901	0220900323900226WA9002L606	004	BA 2ZLT	41.7MGKG	1.00ICALM	0BARIUM, TOTAL	MBATON
GRS	0901	0220900323900226WA9002L606	004	CD 2ZLT	1.0MGKG	1.00ICALM	0CADMIUM, TOTAL	MCDTON
GRS	0901	0220900323900226WA9002L606	004	CR 2Z	3.9MGKG	1.00ICALM	0CHROMIUM, TOTAL	MCRTON
GRS	0901	0220900319900042WA9002L606	004	HGTOT 1DLT	0.11MGKG	1.00HGSQ	0MERCURY, TOTAL	MHGTON
GRS	0901	0220900405900225WA9002L606	004	PB 1B	2.0MGKG	1.00AACMT	0LEAD, TOTAL	MPBTON
GRS	0901	0220900401900225WA9002L606	004	SE 1BLT	0.77MGKG	1.00AAMLR	0SELENIUM, TOTAL	MSETON
GRS	0901	0220900228900032WA9002L606	004	MEC6D82J	108PER	1.0000MSJBD	54.500TOLUENE-D8	0624HN
GRS	0901	0220900228900032WA9002L606	004	PBFB 2J	105PER	1.0000MSJBD	54.500BROMOFLUOROBENZENE	0624HN
GRS	0901	0220900228900032WA9002L606	004	12DCD42J	112PER	1.0000MSJBD	54.5001,2-DICHLOROETHANE-DO624HN	
GRS	0901	0220900228900032WA9002L606	004	CH3CL 2JLT	11UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
GRS	0901	0220900228900032WA9002L606	004	CH3BR 2JLT	11UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
GRS	0901	0220900228900032WA9002L606	004	C2H3CL2JLT	11UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
GRS	0901	0220900228900032WA9002L606	004	C2H5CL2JLT	11UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
GRS	0901	0220900228900032WA9002L606	004	CH2CL22JB	12UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
GRS	0901	0220900228900032WA9002L606	004	ACET 2JB	17UGKG	1.0000MSJBD	0ACETONE	0624HN
GRS	0901	0220900228900032WA9002L606	004	CS2 2JLT	5UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
GRS	0901	0220900228900032WA9002L606	004	11DCE 2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
GRS	0901	0220900228900032WA9002L606	004	11DCLE2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
GRS	0901	0220900228900032WA9002L606	004	T12DCE2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN
GRS	0901	0220900228900032WA9002L606	004	CHCL3 2JLT	5UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
GRS	0901	0220900228900032WA9002L606	004	12DCLE2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN

GRS	0901	02209002289000326WA9002L606	004	MEK	2JLT	11UGKG	1.0000MSJBD	02-BUTANONE	0624HN
GRS	0901	02209002289000326WA9002L606	004	111TCE2JLT	5UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANO	0624HN	
GRS	0901	02209002289000326WA9002L606	004	CCL4	2JLT	5UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HN
GRS	0901	02209002289000326WA9002L606	004	VINYL2JLT	11UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN	
GRS	0901	02209002289000326WA9002L606	004	BRDCLM2JLT	5UGKG	1.0000MSJBD	0BROMODICHLOROMETHANE	0624HN	
GRS	0901	02209002289000326WA9002L606	004	12DCLP2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN	
GRS	0901	02209002289000326WA9002L606	004	13DCPC2JLT	5UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPANE	0624HN	
GRS	0901	02209002289000326WA9002L606	004	TRCLE 2JLT	5UGKG	1.0000MSJBD	0TRICHLOROETHENE	0624HN	
GRS	0901	02209002289000326WA9002L606	004	DBRCLM2JLT	5UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANE	0624HN	
GRS	0901	02209002289000326WA9002L606	004	112TCE2JLT	5UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO	0624HN	
GRS	0901	02209002289000326WA9002L606	004	C6H6	2JLT	5UGKG	1.0000MSJBD	0BENZENE	0624HN
GRS	0901	02209002289000326WA9002L606	004	T13DCP2JLT	5UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPROPANE	0624HN	
GRS	0901	02209002289000326WA9002L606	004	CHBR3	2JLT	5UGKG	1.0000MSJBD	0BROMOFORM	0624HN
GRS	0901	02209002289000326WA9002L606	004	4ME2PE2JLT	11UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	0624HN	
GRS	0901	02209002289000326WA9002L606	004	2HXONE2JLT	11UGKG	1.0000MSJBD	02-HEXANONE	0624HN	
GRS	0901	02209002289000326WA9002L606	004	TCLEE 2JLT	5UGKG	1.0000MSJBD	0TETRACHLOROETHENE	0624HN	
GRS	0901	02209002289000326WA9002L606	004	TCLEA 2JLT	5UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROETHANE	0624HN	
GRS	0901	02209002289000326WA9002L606	004	MEC6H52JLT	5UGKG	1.0000MSJBD	0TOLUENE	0624HN	
GRS	0901	02209002289000326WA9002L606	004	CLC6H52JLT	5UGKG	1.0000MSJBD	0CHLOROBENZENE	0624HN	
GRS	0901	02209002289000326WA9002L606	004	ETC6H52JLT	5UGKG	1.0000MSJBD	0ETHYLBENZENE	0624HN	
GRS	0901	02209002289000326WA9002L606	004	STYR 2JLT	5UGKG	1.0000MSJBD	0STYRENE	0624HN	
GRS	0901	02209002289000326WA9002L606	004	XYLEN 2JLT	5UGKG	1.0000MSJBD	0XYLENE (TOTAL)	0624HN	
GRS	0901	0220900309900326WA9002L606	004	NBD5	1X	81PER	1.0000MSDAR	1774.7755NITROBENZENE-D5	0625HN
GRS	0901	0220900309900326WA9002L606	004	2FBP	1X	88PER	1.0000MSDAR	1774.7752-FLUOROBIPHENYL	0625HN
GRS	0901	0220900309900326WA9002L606	004	PTERP	1X	98PER	1.0000MSDAR	1774.775P-TERPHENYL-D14	0625HN
GRS	0901	0220900309900326WA9002L606	004	PHENDS1X	90PER	1.0000MSDAR	3549.550PHENOL-D5	0625HN	
GRS	0901	0220900309900326WA9002L606	004	2FP	1X	92PER	1.0000MSDAR	3549.5502-FLUOROPHENOL	0625HN
GRS	0901	0220900309900326WA9002L606	004	246TBP1X	92PER	1.0000MSDAR	3549.5502,4,6-TRIBROMOPHENOL	0625HN	
GRS	0901	0220900309900326WA9002L606	004	PHENOL1XLT	390UGKG	1.0000MSDAR	0PHENOL	0625HN	
GRS	0901	0220900309900326WA9002L606	004	B2CEE 1XLT	390UGKG	1.0000MSDAR	0BIS (2-CHLOROETHYL) ET	0625HN	
GRS	0901	0220900309900326WA9002L606	004	2CLP 1XLT	390UGKG	1.0000MSDAR	02-CHLOROPHENOL	0625HN	
GRS	0901	0220900309900326WA9002L606	004	13DCLB1XLT	390UGKG	1.0000MSDAR	01,3-DICHLOROBENZENE	0625HN	
GRS	0901	0220900309900326WA9002L606	004	14DCLB1XLT	390UGKG	1.0000MSDAR	01,4-DICHLOROBENZENE	0625HN	
GRS	0901	0220900309900326WA9002L606	004	BZALC 1XLT	390UGKG	1.0000MSDAR	0BENZYL ALCOHOL	0625HN	
GRS	0901	0220900309900326WA9002L606	004	12DCLB1XLT	390UGKG	1.0000MSDAR	01,2-DICHLOROBENZENE	0625HN	
GRS	0901	0220900309900326WA9002L606	004	2MP 1XLT	390UGKG	1.0000MSDAR	02-METHYLPHENOL	0625HN	
GRS	0901	0220900309900326WA9002L606	004	B2CIPE1XLT	390UGKG	1.0000MSDAR	0BIS (2-CHLOROISOPROPYL)	0625HN	
GRS	0901	0220900309900326WA9002L606	004	4MP 1XLT	390UGKG	1.0000MSDAR	04-METHYLPHENOL	0625HN	
GRS	0901	0220900309900326WA9002L606	004	NDNPA 1XLT	390UGKG	1.0000MSDAR	0N-NITROSO-DI-N-PROPYL	0625HN	
GRS	0901	0220900309900326WA9002L606	004	CL6ET 1XLT	390UGKG	1.0000MSDAR	0HEXACHLOROETHANE	0625HN	
GRS	0901	0220900309900326WA9002L606	004	NB 1XLT	390UGKG	1.0000MSDAR	0NITROBENZENE	0625HN	
GRS	0901	0220900309900326WA9002L606	004	ISOPHR1XLT	390UGKG	1.0000MSDAR	0ISOPHORONE	0625HN	
GRS	0901	0220900309900326WA9002L606	004	2NP 1XLT	390UGKG	1.0000MSDAR	02-NITROPHENOL	0625HN	
GRS	0901	0220900309900326WA9002L606	004	24MPN1XLT	390UGKG	1.0000MSDAR	02,4-DIMETHYLPHENOL	0625HN	
GRS	0901	0220900309900326WA9002L606	004	BENZOAI1XLT	200UGKG	1.0000MSDAR	0BENZOIC ACID	0625HN	
GRS	0901	0220900309900326WA9002L606	004	B2CEXMI1XLT	390UGKG	1.0000MSDAR	0BIS (2-CHLOROETHOXY) M	0625HN	
GRS	0901	0220900309900326WA9002L606	004	24DCLP1XLT	390UGKG	1.0000MSDAR	02,4-DICHLOROPHENOL	0625HN	
GRS	0901	0220900309900326WA9002L606	004	124TCB1XLT	390UGKG	1.0000MSDAR	01,2,4-TRICHLOROBENZENE	0625HN	

GRS	0901	0220900309900326WA9002L606	004	NAP	1XLT	390UGKG	1.000	OMSDAR	0NAPHTHALENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	4CANIL1XLT		390UGKG	1.000	OMSDAR	04-CHLOROANILINE	0625HN
GRS	0901	0220900309900326WA9002L606	004	HCBD	1XLT	390UGKG	1.000	OMSDAR	0HEXACHLOROBUTADIENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	4CL3C	1XLT	390UGKG	1.000	OMSDAR	04-CHLORO-3-METHYLPHEO	0625HN
GRS	0901	0220900309900326WA9002L606	004	2MENAP1XLT		390UGKG	1.000	OMSDAR	02-METHYLNAPHTHALENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	CL6CP	1XLT	390UGKG	1.000	OMSDAR	0HEXACHLOROCYCLOPENTAO	0625HN
GRS	0901	0220900309900326WA9002L606	004	246TCP1XLT		390UGKG	1.000	OMSDAR	02, 4, 6-TRICHLOROPHENOO	0625HN
GRS	0901	0220900309900326WA9002L606	004	245TCP1XLT		2000UGKG	1.000	OMSDAR	02, 4, 5-TRICHLOROPHENOO	0625HN
GRS	0901	0220900309900326WA9002L606	004	2CNAP	1XLT	390UGKG	1.000	OMSDAR	02-CHLORONAPHTHALENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	2NANIL1XLT		2000UGKG	1.000	OMSDAR	02-NITROANILINE	0625HN
GRS	0901	0220900309900326WA9002L606	004	DMP	1XLT	390UGKG	1.000	OMSDAR	0DIMETHYLPHTHALATE	0625HN
GRS	0901	0220900309900326WA9002L606	004	ANAPYL1XLT		390UGKG	1.000	OMSDAR	0ACENAPHTHYLENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	26DNT	1XLT	390UGKG	1.000	OMSDAR	02, 6-DINITROTOLUENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	3NANIL1XLT		2000UGKG	1.000	OMSDAR	03-NITROANILINE	0625HN
GRS	0901	0220900309900326WA9002L606	004	ANAPNE1XLT		390UGKG	1.000	OMSDAR	0ACENAPHTHENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	24DNP	1XLT	2000UGKG	1.000	OMSDAR	02, 4-DINITROPHENOL	0625HN
GRS	0901	0220900309900326WA9002L606	004	4NP	1XLT	2000UGKG	1.000	OMSDAR	04-NITROPHENOL	0625HN
GRS	0901	0220900309900326WA9002L606	004	DIBZFU1XLT		390UGKG	1.000	OMSDAR	0DIBENZOFURAN	0625HN
GRS	0901	0220900309900326WA9002L606	004	24DNT	1XLT	390UGKG	1.000	OMSDAR	02, 4-DINITROTOLUENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	DEP	1XLT	390UGKG	1.000	OMSDAR	0DIETHYLPHTHALATE	0625HN
GRS	0901	0220900309900326WA9002L606	004	4CLPPE1XLT		390UGKG	1.000	OMSDAR	04-CHLOROPHENYL-PHENYO	0625HN
GRS	0901	0220900309900326WA9002L606	004	FLRENE1XLT		390UGKG	1.000	OMSDAR	0FLUORENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	4NANIL1XLT		2000UGKG	1.000	OMSDAR	04-NITROANILINE	0625HN
GRS	0901	0220900309900326WA9002L606	004	46DN2C1XLT		2000UGKG	1.000	OMSDAR	04, 6-DINITRO-2-METHYLO	0625HN
GRS	0901	0220900309900326WA9002L606	004	NNDPA	1XLT	390UGKG	1.000	OMSDAR	0N-NITROSODIPHENYLAMIO	0625HN
GRS	0901	0220900309900326WA9002L606	004	4BRPPE1XLT		390UGKG	1.000	OMSDAR	04-BROMOPHENYL-PHENYLO	0625HN
GRS	0901	0220900309900326WA9002L606	004	CL6BZ	1XLT	390UGKG	1.000	OMSDAR	0HEXACHLORO BENZENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	PCP	1XLT	2000UGKG	1.000	OMSDAR	0PENTACHLOROPHENOL	0625HN
GRS	0901	0220900309900326WA9002L606	004	PHANTR1XLT		390UGKG	1.000	OMSDAR	0PHENANTHRENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	ANTRC	1XLT	390UGKG	1.000	OMSDAR	0ANTHRACENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	DNBP	1XLT	390UGKG	1.000	OMSDAR	0DI-N-BUTYLPHTHALATE	0625HN
GRS	0901	0220900309900326WA9002L606	004	FANT	1XLT	390UGKG	1.000	OMSDAR	0FLUORANTHENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	PYR	1XLT	390UGKG	1.000	OMSDAR	0PYRENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	BBZP	1XLT	390UGKG	1.000	OMSDAR	0BUTYLBENZYLPHTHALATEO	0625HN
GRS	0901	0220900309900326WA9002L606	004	33CL2B1XLT		790UGKG	1.000	OMSDAR	03, 3'-DICHLORO BENZIDIO	0625HN
GRS	0901	0220900309900326WA9002L606	004	BAANTR1XLT		390UGKG	1.000	OMSDAR	0BENZO (A) ANTHRACENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	CHRY	1XLT	390UGKG	1.000	OMSDAR	0CHRYSENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	B2EHP	1X	1000UGKG	1.000	OMSDAR	0BIS (2-ETHYLHEXYL) PHTO	0625HN
GRS	0901	0220900309900326WA9002L606	004	DNOP	1XLT	390UGKG	1.000	OMSDAR	0DI-N-OCTYL PHTHALATEO	0625HN
GRS	0901	0220900309900326WA9002L606	004	BF2ANT1XLT		390UGKG	1.000	OMSDAR	0BENZO (B) FLUORANTHENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	BKFANT1XLT		390UGKG	1.000	OMSDAR	0BENZO (K) FLUORANTHENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	BAPYR	1XLT	390UGKG	1.000	OMSDAR	0BENZO (A) PYRENE	0625HN
GRS	0901	0220900309900326WA9002L606	004	ICDPYR1XLT		390UGKG	1.000	OMSDAR	0INDENO (1, 2, 3-CD) PYREO	0625HN
GRS	0901	0220900309900326WA9002L606	004	DBAHA	1XLT	390UGKG	1.000	OMSDAR	0DIBENZO (A, H) ANTHRACEO	0625HN
GRS	0901	0220900309900326WA9002L606	004	BGHIPY1XLT		390UGKG	1.000	OMSDAR	0BENZO (G, H, I) PERYLENEO	0625HN
GRS	0902	0220900228900032WA9002L606	005	MEC6D82J		107PER	1.000	OMSJBD	59.500TOLUENE-D8	0624HN
GRS	0902	0220900228900032WA9002L606	005	PBFB	2J	105PER	1.000	OMSJBD	59.500BROMOFLUOROBENZENE	0634HN
GRS	0902	0220900228900032WA9002L606	005	12DCD42J		111PER	1.000	OMSJBD	59.5001, 2-DICHLOROETHANE-DO	0624HN

GRS	0902	0220900228900032WA9002L606	005	CH3CL 2JLT	12UGKG	1.0000MSJBD	0CHLOROMETHANE	O624HN
GRS	0902	0220900228900032WA9002L606	005	CH3BR 2JLT	12UGKG	1.0000MSJBD	0BROMOMETHANE	O624HN
GRS	0902	0220900228900032WA9002L606	005	C2H3CL2JLT	12UGKG	1.0000MSJBD	0VINYL CHLORIDE	O624HN
GRS	0902	0220900228900032WA9002L606	005	C2H5CL2JLT	12UGKG	1.0000MSJBD	0CHLOROETHANE	O624HN
GRS	0902	0220900228900032WA9002L606	005	CH2CL22JB	33UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	O624HN
GRS	0902	0220900228900032WA9002L606	005	ACET 2JB	45UGKG	1.0000MSJBD	0ACETONE	O624HN
GRS	0902	0220900228900032WA9002L606	005	CS2 2JLT	6UGKG	1.0000MSJBD	0CARBON DISULFIDE	O624HN
GRS	0902	0220900228900032WA9002L606	005	11DCE 2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	O624HN
GRS	0902	0220900228900032WA9002L606	005	11DCLE2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	O624HN
GRS	0902	0220900228900032WA9002L606	005	T12DCE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	O624HN
GRS	0902	0220900228900032WA9002L606	005	CHCL3 2JLT	6UGKG	1.0000MSJBD	0CHLOROFORM	O624HN
GRS	0902	0220900228900032WA9002L606	005	12DCLE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	O624HN
GRS	0902	0220900228900032WA9002L606	005	MEK 2JLT	12UGKG	1.0000MSJBD	02-BUTANONE	O624HN
GRS	0902	0220900228900032WA9002L606	005	111TCE2JLT	6UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANE	O624HN
GRS	0902	0220900228900032WA9002L606	005	CCL4 2JLT	6UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	O624HN
GRS	0902	0220900228900032WA9002L606	005	VINYLA2JLT	12UGKG	1.0000MSJBD	0VINYL ACETATE	O624HN
GRS	0902	0220900228900032WA9002L606	005	BRDCLM2JLT	6UGKG	1.0000MSJBD	0BROMODICHLOROMETHANE	O624HN
GRS	0902	0220900228900032WA9002L606	005	12DCLP2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	O624HN
GRS	0902	0220900228900032WA9002L606	005	13DCPC2JLT	6UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	O624HN
GRS	0902	0220900228900032WA9002L606	005	TRCLE 2JLT	6UGKG	1.0000MSJBD	0TRICHLOROETHENE	O624HN
GRS	0902	0220900228900032WA9002L606	005	DBRCLM2JLT	6UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANE	O624HN
GRS	0902	0220900228900032WA9002L606	005	112TCE2JLT	6UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANE	O624HN
GRS	0902	0220900228900032WA9002L606	005	C6H6 2JLT	6UGKG	1.0000MSJBD	0BENZENE	O624HN
GRS	0902	0220900228900032WA9002L606	005	T13DCP2JLT	6UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	O624HN
GRS	0902	0220900228900032WA9002L606	005	CHBR3 2JLT	6UGKG	1.0000MSJBD	0BROMOFORM	O624HN
GRS	0902	0220900228900032WA9002L606	005	4ME2PE2JLT	12UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	O624HN
GRS	0902	0220900228900032WA9002L606	005	2HXONE2JLT	12UGKG	1.0000MSJBD	02-HEXANONE	O624HN
GRS	0902	0220900228900032WA9002L606	005	TCLEE 2JLT	6UGKG	1.0000MSJBD	0TETRACHLOROETHENE	O624HN
GRS	0902	0220900228900032WA9002L606	005	TCLEA 2JLT	6UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROETH	O624HN
GRS	0902	0220900228900032WA9002L606	005	MEC6H52JLT	6UGKG	1.0000MSJBD	0TOLUENE	O624HN
GRS	0902	0220900228900032WA9002L606	005	CLC6H52JLT	6UGKG	1.0000MSJBD	0CHLOROBENZENE	O624HN
GRS	0902	0220900228900032WA9002L606	005	ETC6H52JLT	6UGKG	1.0000MSJBD	0ETHYLBENZENE	O624HN
GRS	0902	0220900228900032WA9002L606	005	STYR 2JLT	6UGKG	1.0000MSJBD	0STYRENE	O624HN
GRS	0902	0220900228900032WA9002L606	005	XYLEN 2JLT	6UGKG	1.0000MSJBD	0XYLENE (TOTAL)	O624HN
GRS	0902	0220900309900326WA9002L606	005	NBD5 1X	53PER	1.0000MSDAR	1959.460NITROBENZENE-D5	O625HN
GRS	0902	0220900309900326WA9002L606	005	2FBP 1X	65PER	1.0000MSDAR	1959.4602-FLUOROBIPHENYL	O625HN
GRS	0902	0220900309900326WA9002L606	005	PTERP 1X	80PER	1.0000MSDAR	1959.460P-TERPHENYL-D14	O625HN
GRS	0902	0220900309900326WA9002L606	005	PHEND51X	67PER	1.0000MSDAR	3918.920PHENOL-D5	O625HN
GRS	0902	0220900309900326WA9002L606	005	2FP 1X	64PER	1.0000MSDAR	3918.9202-FLUOROPHENOL	O625HN
GRS	0902	0220900309900326WA9002L606	005	246TBP1X	64PER	1.0000MSDAR	3918.9202,4,6-TRIBROMOPHENOL	O625HN
GRS	0902	0220900309900326WA9002L606	005	PHENOL1XLT	440UGKG	1.0000MSDAR	0PHENOL	O625HN
GRS	0902	0220900309900326WA9002L606	005	B2CEE 1XLT	440UGKG	1.0000MSDAR	0BIS (2-CHLOROETHYL) ET	O625HN
GRS	0902	0220900309900326WA9002L606	005	2CLP 1XLT	440UGKG	1.0000MSDAR	02-CHLOROPHENOL	O625HN
GRS	0902	0220900309900326WA9002L606	005	13DCLB1XLT	440UGKG	1.0000MSDAR	01,3-DICHLOROBENZENE	O625HN
GRS	0902	0220900309900326WA9002L606	005	14DCLB1XLT	440UGKG	1.0000MSDAR	01,4-DICHLOROBENZENE	O625HN
GRS	0902	0220900309900326WA9002L606	005	BZALC 1XLT	440UGKG	1.0000MSDAR	0BENZYL ALCOHOL	O625HN
GRS	0902	0220900309900326WA9002L606	005	12DCLB1XLT	440UGKG	1.0000MSDAR	01,2-DICHLOROBENZENE	O625HN
GRS	0902	0220900309900326WA9002L606	005	2MP 1XLT	440UGKG	1.0000MSDAR	02-METHYLPHENOL	O625HN

GRS	0902	0220900309900326WA9002L606	005	B2CIPE1XLT	440UGKG	1.0000MSDAR	0BIS (2-CHLOROISOPROPYLO625HN
GRS	0902	0220900309900326WA9002L606	005	4MP 1XLT	440UGKG	1.0000MSDAR	04-METHYLPHENOL 0625HN
GRS	0902	0220900309900326WA9002L606	005	NDNPA 1XLT	440UGKG	1.0000MSDAR	0N-NITROSO-DI-N-PROPYO625HN
GRS	0902	0220900309900326WA9002L606	005	CL6ET 1XLT	440UGKG	1.0000MSDAR	0HEXACHLOROETHANE 0625HN
GRS	0902	0220900309900326WA9002L606	005	NB 1XLT	440UGKG	1.0000MSDAR	0NITROBENZENE 0625HN
GRS	0902	0220900309900326WA9002L606	005	ISOPHR1XLT	440UGKG	1.0000MSDAR	0ISOPHORONE 0625HN
GRS	0902	0220900309900326WA9002L606	005	2NP 1XLT	440UGKG	1.0000MSDAR	02-NITROPHENOL 0625HN
GRS	0902	0220900309900326WA9002L606	005	24DMPN1XLT	440UGKG	1.0000MSDAR	02, 4-DIMETHYLPHENOL 0625HN
GRS	0902	0220900309900326WA9002L606	005	BENZO1XLT	2200UGKG	1.0000MSDAR	0BENZOIC ACID 0625HN
GRS	0902	0220900309900326WA9002L606	005	B2CEXM1XLT	440UGKG	1.0000MSDAR	0BIS (2-CHLOROETHOXY)MO625HN
GRS	0902	0220900309900326WA9002L606	005	24DCLP1XLT	440UGKG	1.0000MSDAR	02, 4-DICHLOROPHENOL 0625HN
GRS	0902	0220900309900326WA9002L606	005	124TCB1XLT	440UGKG	1.0000MSDAR	01, 2, 4-TRICHLOROBENZEO625HN
GRS	0902	0220900309900326WA9002L606	005	NAP 1XLT	440UGKG	1.0000MSDAR	0NAPHTHALENE 0625HN
GRS	0902	0220900309900326WA9002L606	005	4CANIL1XLT	440UGKG	1.0000MSDAR	04-CHLOROANILINE 0625HN
GRS	0902	0220900309900326WA9002L606	005	HCBD 1XLT	440UGKG	1.0000MSDAR	0HEXACHLOROBUTADIENE 0625HN
GRS	0902	0220900309900326WA9002L606	005	4CL3C 1XLT	440UGKG	1.0000MSDAR	04-CHLORO-3-METHYLPHEO625HN
GRS	0902	0220900309900326WA9002L606	005	2MENAP1XLT	440UGKG	1.0000MSDAR	02-METHYLNAPHTHALENE 0625HN
GRS	0902	0220900309900326WA9002L606	005	CL6CP 1XLT	440UGKG	1.0000MSDAR	0HEXACHLOROCYCLOPENTAO625HN
GRS	0902	0220900309900326WA9002L606	005	246TCP1XLT	440UGKG	1.0000MSDAR	02, 4, 6-TRICHLOROPHENOO625HN
GRS	0902	0220900309900326WA9002L606	005	245TCP1XLT	2200UGKG	1.0000MSDAR	02, 4, 5-TRICHLOROPHENOO625HN
GRS	0902	0220900309900326WA9002L606	005	2CNAP 1XLT	440UGKG	1.0000MSDAR	02-CHLORONAPHTHALENE 0625HN
GRS	0902	0220900309900326WA9002L606	005	2NANIL1XLT	2200UGKG	1.0000MSDAR	02-NITROANILINE 0625HN
GRS	0902	0220900309900326WA9002L606	005	DMP 1XLT	440UGKG	1.0000MSDAR	0DIMETHYLPHTHALATE 0625HN
GRS	0902	0220900309900326WA9002L606	005	ANAPYL1XLT	440UGKG	1.0000MSDAR	0ACENAPHTHYLENE 0625HN
GRS	0902	0220900309900326WA9002L606	005	26DNT 1XLT	440UGKG	1.0000MSDAR	02, 6-DINITROTOLUENE 0625HN
GRS	0902	0220900309900326WA9002L606	005	3NANIL1XLT	2200UGKG	1.0000MSDAR	03-NITROANILINE 0625HN
GRS	0902	0220900309900326WA9002L606	005	ANAPNE1XLT	440UGKG	1.0000MSDAR	0ACENAPHTHENE 0625HN
GRS	0902	0220900309900326WA9002L606	005	24DNP 1XLT	2200UGKG	1.0000MSDAR	02, 4-DINITROPHENOL 0625HN
GRS	0902	0220900309900326WA9002L606	005	4NP 1XLT	2200UGKG	1.0000MSDAR	04-NITROPHENOL 0625HN
GRS	0902	0220900309900326WA9002L606	005	DIBZFU1XLT	440UGKG	1.0000MSDAR	0DIBENZOFURAN 0625HN
GRS	0902	0220900309900326WA9002L606	005	24DNT 1XLT	440UGKG	1.0000MSDAR	02, 4-DINITROTOLUENE 0625HN
GRS	0902	0220900309900326WA9002L606	005	DEP 1XLT	440UGKG	1.0000MSDAR	0DIETHYLPHTHALATE 0625HN
GRS	0902	0220900309900326WA9002L606	005	4CLPPE1XLT	440UGKG	1.0000MSDAR	04-CHLOROPHENYL-PHENYO625HN
GRS	0902	0220900309900326WA9002L606	005	FLRENE1XLT	440UGKG	1.0000MSDAR	0FLUORENE 0625HN
GRS	0902	0220900309900326WA9002L606	005	4NANIL1XLT	2200UGKG	1.0000MSDAR	04-NITROANILINE 0625HN
GRS	0902	0220900309900326WA9002L606	005	46DN2C1XLT	2200UGKG	1.0000MSDAR	04, 6-DINITRO-2-METHYLO625HN
GRS	0902	0220900309900326WA9002L606	005	NNDPA 1XLT	440UGKG	1.0000MSDAR	0N-NITROSODIPHENYLAMIO625HN
GRS	0902	0220900309900326WA9002L606	005	4BRPPE1XLT	440UGKG	1.0000MSDAR	04-BROMOPHENYL-PHENYLO625HN
GRS	0902	0220900309900326WA9002L606	005	CL6BZ 1XLT	440UGKG	1.0000MSDAR	0HEXACHLOROBENZENE 0625HN
GRS	0902	0220900309900326WA9002L606	005	PCP 1XLT	2200UGKG	1.0000MSDAR	0PENTACHLOROPHENOL 0625HN
GRS	0902	0220900309900326WA9002L606	005	PHANTR1XLT	440UGKG	1.0000MSDAR	0PHENANTHRENE 0625HN
GRS	0902	0220900309900326WA9002L606	005	ANTRC 1XLT	440UGKG	1.0000MSDAR	0ANTHRACENE 0625HN
GRS	0902	0220900309900326WA9002L606	005	DNBP 1XLT	440UGKG	1.0000MSDAR	0DI-N-BUTYLPHTHALATE 0625HN
GRS	0902	0220900309900326WA9002L606	005	FANT 1XLT	440UGKG	1.0000MSDAR	0FLUORANTHENE 0625HN
GRS	0902	0220900309900326WA9002L606	005	PYR 1XLT	440UGKG	1.0000MSDAR	0PYRENE 0625HN
GRS	0902	0220900309900326WA9002L606	005	BBZP 1XLT	440UGKG	1.0000MSDAR	0BUTYLBENZYLPHTHALATEO625HN
GRS	0902	0220900309900326WA9002L606	005	33CL2B1XLT	870UGKG	1.0000MSDAR	03, 3'-DICHLOROBENZIDIO625HN
GRS	0902	0220900309900326WA9002L606	005	BAANTR1XLT	440UGKG	1.0000MSDAR	0BENZO (A) ANTHRACENE 0625HN

GRS	0902	0220900309900326WA9002L606	005	CHRY	1XLT	440UGKG	1.0000MSDAR	0CHRYSENE	0625HN
GRS	0902	0220900309900326WA9002L606	005	B2EHP	1X	4800UGKG	1.0000MSDAR	0BIS (2-ETHYLHEXYL) PHTO	0625HN
GRS	0902	0220900309900326WA9002L606	005	DNOP	1XLT	440UGKG	1.0000MSDAR	0DI-N-OCTYL PHTHALATE	0625HN
GRS	0902	0220900309900326WA9002L606	005	BF2ANT	1XLT	440UGKG	1.0000MSDAR	0BENZO (B) FLUORANTHENE	0625HN
GRS	0902	0220900309900326WA9002L606	005	BKFANT	1XLT	440UGKG	1.0000MSDAR	0BENZO (K) FLUORANTHENE	0625HN
GRS	0902	0220900309900326WA9002L606	005	BAPYR	1XLT	440UGKG	1.0000MSDAR	0BENZO (A) PYRENE	0625HN
GRS	0902	0220900309900326WA9002L606	005	ICDPYR	1XLT	440UGKG	1.0000MSDAR	0INDENO (1,2,3-CD) PYRE	0625HN
GRS	0902	0220900309900326WA9002L606	005	DBAHA	1XLT	440UGKG	1.0000MSDAR	0DIBENZO (A,H) ANTHRACE	0625HN
GRS	0902	0220900309900326WA9002L606	005	BGHPY	1XLT	440UGKG	1.0000MSDAR	0BENZO (G,H,I) PERYLENE	0625HN
GRS	0903	0220900228900032WA9002L606	006	MEC6D	82J	108PER	1.0000MSJBD	59.500TOLUENE-D8	0624HN
GRS	0903	0220900228900032WA9002L606	006	PBFB	2J	111PER	1.0000MSJBD	59.500BROMOFLUOROBENZENE	0624HN
GRS	0903	0220900228900032WA9002L606	006	12DCD	42J	114PER	1.0000MSJBD	59.5001,2-DICHLOROETHANE-DO	0624HN
GRS	0903	0220900228900032WA9002L606	006	CH3CL	2JLT	12UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
GRS	0903	0220900228900032WA9002L606	006	CH3BR	2JLT	12UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
GRS	0903	0220900228900032WA9002L606	006	C2H3CL	2JLT	12UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
GRS	0903	0220900228900032WA9002L606	006	C2H5CL	2JLT	12UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
GRS	0903	0220900228900032WA9002L606	006	CH2CL	22JB	14UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
GRS	0903	0220900228900032WA9002L606	006	ACET	2JB	69UGKG	1.0000MSJBD	0ACETONE	0624HN
GRS	0903	0220900228900032WA9002L606	006	CS2	2JLT	6UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
GRS	0903	0220900228900032WA9002L606	006	11DCE	2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
GRS	0903	0220900228900032WA9002L606	006	11DCE	2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
GRS	0903	0220900228900032WA9002L606	006	T12DCE	2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN
GRS	0903	0220900228900032WA9002L606	006	CHCL3	2JLT	6UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
GRS	0903	0220900228900032WA9002L606	006	12DCE	2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN
GRS	0903	0220900228900032WA9002L606	006	MEK	2JLT	12UGKG	1.0000MSJBD	02-BUTANONE	0624HN
GRS	0903	0220900228900032WA9002L606	006	111TCE	2JLT	6UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANO	0624HN
GRS	0903	0220900228900032WA9002L606	006	CCL4	2JLT	6UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HN
GRS	0903	0220900228900032WA9002L606	006	VINYLA	2JLT	12UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN
GRS	0903	0220900228900032WA9002L606	006	BRDCLM	2JLT	6UGKG	1.0000MSJBD	0BROMODICHLOROMETHANE	0624HN
GRS	0903	0220900228900032WA9002L606	006	12DCLP	2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN
GRS	0903	0220900228900032WA9002L606	006	13DCPC	2JLT	6UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	0624HN
GRS	0903	0220900228900032WA9002L606	006	TRCLE	2JLT	6UGKG	1.0000MSJBD	0TRICHLOROETHENE	0624HN
GRS	0903	0220900228900032WA9002L606	006	DBRCLM	2JLT	6UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANE	0624HN
GRS	0903	0220900228900032WA9002L606	006	112TCE	2JLT	6UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO	0624HN
GRS	0903	0220900228900032WA9002L606	006	C6H6	2JLT	6UGKG	1.0000MSJBD	0BENZENE	0624HN
GRS	0903	0220900228900032WA9002L606	006	T13DCP	2JLT	6UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	0624HN
GRS	0903	0220900228900032WA9002L606	006	CHBR3	2JLT	6UGKG	1.0000MSJBD	0BROMOFORM	0624HN
GRS	0903	0220900228900032WA9002L606	006	4ME2PE	2JLT	12UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	0624HN
GRS	0903	0220900228900032WA9002L606	006	2HXONE	2JLT	12UGKG	1.0000MSJBD	02-HEXANONE	0624HN
GRS	0903	0220900228900032WA9002L606	006	TCLEE	2JLT	6UGKG	1.0000MSJBD	0TETRACHLOROETHENE	0624HN
GRS	0903	0220900228900032WA9002L606	006	TCLEA	2JLT	6UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	0624HN
GRS	0903	0220900228900032WA9002L606	006	MEC6H5	2JLT	6UGKG	1.0000MSJBD	0TOLUENE	0624HN
GRS	0903	0220900228900032WA9002L606	006	CLC6H5	2JLT	6UGKG	1.0000MSJBD	0CHLOROBENZENE	0624HN
GRS	0903	0220900228900032WA9002L606	006	ETC6H5	2JLT	6UGKG	1.0000MSJBD	0ETHYLBENZENE	0624HN
GRS	0903	0220900228900032WA9002L606	006	STYR	2JLT	6UGKG	1.0000MSJBD	0STYRENE	0624HN
GRS	0903	0220900228900032WA9002L606	006	XYLEN	2JLT	6UGKG	1.0000MSJBD	0XYLENE (TOTAL)	0624HN
GRS	0903	0220900309900326WA9002L606	006	NBD5	1X	54PER	1.0000MSDAR	1950.451NITROBENZENE-D5	0625HN
GRS	0903	0220900309900326WA9002L606	006	2FBP	1X	66PER	1.0000MSDAR	1950.4512-FLUOROBIPHENYL	0625HN

GRS	0903	0220900309900326WA9002L606	006	PTERP 1X	19PER	1.0000MSDAR	1950.451P-TERPHENYL-D14	O625HN
GRS	0903	0220900309900326WA9002L606	006	PHEND51X	67PER	1.0000MSDAR	3900.902PHENOL-D5	O625HN
GRS	0903	0220900309900326WA9002L606	006	2FP 1X	67PER	1.0000MSDAR	3900.9022-FLUOROPHENOL	O625HN
GRS	0903	0220900309900326WA9002L606	006	246TBP1X	61PER	1.0000MSDAR	3900.9022,4,6-TRIBROMOPHENOL	O625HN
GRS	0903	0220900309900326WA9002L606	006	PHENOL1XLT	430UGKG	1.0000MSDAR	0PHENOL	O625HN
GRS	0903	0220900309900326WA9002L606	006	B2CEE 1XLT	430UGKG	1.0000MSDAR	0BIS (2-CHLOROETHYL) ET	O625HN
GRS	0903	0220900309900326WA9002L606	006	2CLP 1XLT	430UGKG	1.0000MSDAR	02-CHLOROPHENOL	O625HN
GRS	0903	0220900309900326WA9002L606	006	13DCLB1XLT	430UGKG	1.0000MSDAR	01,3-DICHLOROBENZENE	O625HN
GRS	0903	0220900309900326WA9002L606	006	14DCLB1XLT	430UGKG	1.0000MSDAR	01,4-DICHLOROBENZENE	O625HN
GRS	0903	0220900309900326WA9002L606	006	B2ALC 1XLT	430UGKG	1.0000MSDAR	0BENZYL ALCOHOL	O625HN
GRS	0903	0220900309900326WA9002L606	006	12DCLB1XLT	430UGKG	1.0000MSDAR	01,2-DICHLOROBENZENE	O625HN
GRS	0903	0220900309900326WA9002L606	006	2MP 1XLT	430UGKG	1.0000MSDAR	02-METHYLPHENOL	O625HN
GRS	0903	0220900309900326WA9002L606	006	B2CIPE1XLT	430UGKG	1.0000MSDAR	0BIS (2-CHLOROISOPROPY	O625HN
GRS	0903	0220900309900326WA9002L606	006	4MP 1XLT	430UGKG	1.0000MSDAR	04-METHYLPHENOL	O625HN
GRS	0903	0220900309900326WA9002L606	006	NDNPA 1XLT	430UGKG	1.0000MSDAR	0N-NITROSO-DI-N-PROPY	O625HN
GRS	0903	0220900309900326WA9002L606	006	CL6ET 1XLT	430UGKG	1.0000MSDAR	0HEXACHLOROETHANE	O625HN
GRS	0903	0220900309900326WA9002L606	006	NB 1XLT	430UGKG	1.0000MSDAR	0NITROBENZENE	O625HN
GRS	0903	0220900309900326WA9002L606	006	ISOPHR1XLT	430UGKG	1.0000MSDAR	0ISOPHORONE	O625HN
GRS	0903	0220900309900326WA9002L606	006	2NP 1XLT	430UGKG	1.0000MSDAR	02-NITROPHENOL	O625HN
GRS	0903	0220900309900326WA9002L606	006	24DMPN1XLT	430UGKG	1.0000MSDAR	02,4-DIMETHYLPHENOL	O625HN
GRS	0903	0220900309900326WA9002L606	006	BENZOA1XLT	2200UGKG	1.0000MSDAR	0BENZOIC ACID	O625HN
GRS	0903	0220900309900326WA9002L606	006	B2CEXM1XLT	430UGKG	1.0000MSDAR	0BIS (2-CHLOROETHOXY) M	O625HN
GRS	0903	0220900309900326WA9002L606	006	24DCLP1XLT	430UGKG	1.0000MSDAR	02,4-DICHLOROPHENOL	O625HN
GRS	0903	0220900309900326WA9002L606	006	124TCB1XLT	430UGKG	1.0000MSDAR	01,2,4-TRICHLOROBENZEO	O625HN
GRS	0903	0220900309900326WA9002L606	006	NAP 1XLT	430UGKG	1.0000MSDAR	0NAPHTHALENE	O625HN
GRS	0903	0220900309900326WA9002L606	006	4CANIL1XLT	430UGKG	1.0000MSDAR	04-CHLOROANILINE	O625HN
GRS	0903	0220900309900326WA9002L606	006	HCBD 1XLT	430UGKG	1.0000MSDAR	0HEXACHLOROBUTADIENE	O625HN
GRS	0903	0220900309900326WA9002L606	006	4CL3C 1XLT	430UGKG	1.0000MSDAR	04-CHLORO-3-METHYLPHEO	O625HN
GRS	0903	0220900309900326WA9002L606	006	2MENAP1XLT	430UGKG	1.0000MSDAR	02-METHYLNAPHTHALENE	O625HN
GRS	0903	0220900309900326WA9002L606	006	CL6CP 1XLT	430UGKG	1.0000MSDAR	0HEXACHLOROCYCLOPENTA	O625HN
GRS	0903	0220900309900326WA9002L606	006	246TCP1XLT	430UGKG	1.0000MSDAR	02,4,6-TRICHLOROPHENOO	O625HN
GRS	0903	0220900309900326WA9002L606	006	245TCP1XLT	2200UGKG	1.0000MSDAR	02,4,5-TRICHLOROPHENOO	O625HN
GRS	0903	0220900309900326WA9002L606	006	2CNAP 1XLT	430UGKG	1.0000MSDAR	02-CHLORONAPHTHALENE	O625HN
GRS	0903	0220900309900326WA9002L606	006	2NANIL1XLT	2200UGKG	1.0000MSDAR	02-NITROANILINE	O625HN
GRS	0903	0220900309900326WA9002L606	006	DMP 1XLT	430UGKG	1.0000MSDAR	0DIMETHYLPHTHALATE	O625HN
GRS	0903	0220900309900326WA9002L606	006	ANAPYL1XLT	430UGKG	1.0000MSDAR	0ACENAPHTHYLENE	O625HN
GRS	0903	0220900309900326WA9002L606	006	26DNT 1XLT	430UGKG	1.0000MSDAR	02,6-DINITROTOLUENE	O625HN
GRS	0903	0220900309900326WA9002L606	006	3NANIL1XLT	2200UGKG	1.0000MSDAR	03-NITROANILINE	O625HN
GRS	0903	0220900309900326WA9002L606	006	ANAPNE1XLT	430UGKG	1.0000MSDAR	0ACENAPHTHENE	O625HN
GRS	0903	0220900309900326WA9002L606	006	24DNP 1XLT	2200UGKG	1.0000MSDAR	02,4-DINITROPHENOL	O625HN
GRS	0903	0220900309900326WA9002L606	006	4NP 1XLT	2200UGKG	1.0000MSDAR	04-NITROPHENOL	O625HN
GRS	0903	0220900309900326WA9002L606	006	DIBZFU1XLT	430UGKG	1.0000MSDAR	0DIBENZOFURAN	O625HN
GRS	0903	0220900309900326WA9002L606	006	24DNT 1XLT	430UGKG	1.0000MSDAR	02,4-DINITROTOLUENE	O625HN
GRS	0903	0220900309900326WA9002L606	006	DEP 1XLT	430UGKG	1.0000MSDAR	0DIETHYLPHTHALATE	O625HN
GRS	0903	0220900309900326WA9002L606	006	4CLPPE1XLT	430UGKG	1.0000MSDAR	04-CHLOROPHENYL-PHENY	O625HN
GRS	0903	0220900309900326WA9002L606	006	FLRENE1XLT	430UGKG	1.0000MSDAR	0FLUORENE	O625HN
GRS	0903	0220900309900326WA9002L606	006	4NANIL1XLT	2200UGKG	1.0000MSDAR	04-NITROANILINE	O625HN
GRS	0903	0220900309900326WA9002L606	006	46DN2C1XLT	2200UGKG	1.0000MSDAR	04,6-DINITRO-2-METHYL	O625HN

GRS	0903	0220900309900326WA9002L606	006	NNDPA 1XLT	430UGK	1.0000MSDAR	ON-NITROSODIPHENYLAMIO	625HN
GRS	0903	0220900309900326WA9002L606	006	4BRPPE1XLT	430UGK	1.0000MSDAR	04-BROMOPHENYL-PHENYLO	625HN
GRS	0903	0220900309900326WA9002L606	006	CL6BZ 1XLT	430UGK	1.0000MSDAR	0HEXACHLOROBENZENE	0625HN
GRS	0903	0220900309900326WA9002L606	006	PCP 1XLT	2200UGK	1.0000MSDAR	0PENTACHLOROPHENOL	0625HN
GRS	0903	0220900309900326WA9002L606	006	PHANTR1XLT	430UGK	1.0000MSDAR	0PHENANTHRENE	0625HN
GRS	0903	0220900309900326WA9002L606	006	ANTRC 1XLT	430UGK	1.0000MSDAR	0ANTHRACENE	0625HN
GRS	0903	0220900309900326WA9002L606	006	DNBP 1XLT	430UGK	1.0000MSDAR	0DI-N-BUTYLPHTHALATE	0625HN
GRS	0903	0220900309900326WA9002L606	006	FANT 1XLT	430UGK	1.0000MSDAR	0FLUORANTHENE	0625HN
GRS	0903	0220900309900326WA9002L606	006	PYR 1XLT	430UGK	1.0000MSDAR	0PYRENE	0625HN
GRS	0903	0220900309900326WA9002L606	006	BBZP 1XLT	430UGK	1.0000MSDAR	0BUTYLBENZYLPHTHALATEO	625HN
GRS	0903	0220900309900326WA9002L606	006	33CL2B1XLT	870UGK	1.0000MSDAR	03,3'-DICHLOROBENZIDIO	625HN
GRS	0903	0220900309900326WA9002L606	006	BAANTR1XLT	430UGK	1.0000MSDAR	0BENZO (A) ANTHRACENE	0625HN
GRS	0903	0220900309900326WA9002L606	006	CHRY 1XLT	430UGK	1.0000MSDAR	0CHRYSENE	0625HN
GRS	0903	0220900309900326WA9002L606	006	B2EHP 1X	4700UGK	1.0000MSDAR	0BIS (2-ETHYLHEXYL) PHTO	625HN
GRS	0903	0220900309900326WA9002L606	006	DNOP 1XLT	430UGK	1.0000MSDAR	0DI-N-OCTYL PHTHALATEO	625HN
GRS	0903	0220900309900326WA9002L606	006	BF2ANT1XLT	430UGK	1.0000MSDAR	0BENZO (B) FLUORANTHENE	625HN
GRS	0903	0220900309900326WA9002L606	006	BAPYR 1XLT	430UGK	1.0000MSDAR	0BENZO (K) FLUORANTHENE	625HN
GRS	0903	0220900309900326WA9002L606	006	ICDPYR1XLT	430UGK	1.0000MSDAR	0BENZO (A) PYRENE	0625HN
GRS	0903	0220900309900326WA9002L606	006	DBAHA 1XLT	430UGK	1.0000MSDAR	0INDENO (1,2,3-CD) PYREO	625HN
GRS	0903	0220900309900326WA9002L606	006	BGHIPIY1XLT	430UGK	1.0000MSDAR	0DIBENZO (A,H) ANTHRACEO	625HN
GRS	0701	0221900308900039WA9002L606	007		83.1%	10 JH	0BENZO (G,H,I) PERYLENEO	625HN
GRS	0701	0221900308900039WA9002L606	007R		83.1%	10 JH	0% SOLIDS	I% SOLN
GRS	0701	0221900323900226WA9002L606	007	AG 2ZLT	2.1MGKG	1.00ICALM	0% SOLIDS (REP)	I% SOLR
GRS	0701	0221900330900225WA9002L606	007	AS 1B	3.2MGKG	1.00AAER	0SILVER, TOTAL	MAGTON
GRS	0701	0221900323900226WA9002L606	007	BA 2ZLT	42.4MGKG	1.00ICALM	0ARSENIC, TOTAL	MAGTON
GRS	0701	0221900323900226WA9002L606	007	CD 2ZLT	1.1MGKG	1.00ICALM	0BARIUM, TOTAL	MBATON
GRS	0701	0221900323900226WA9002L606	007	CR 2Z	28.8MGKG	1.00ICALM	0CADMIUM, TOTAL	MCDTON
GRS	0701	0221900319900042WA9002L606	007	HGTOT 1DLT	0.12MGKG	1.00ICALM	0CHROMIUM, TOTAL	MCRTON
GRS	0701	0221900405900225WA9002L606	007	PB 1B	8.9MGKG	1.00HGSQ	0MERCURY, TOTAL	MHGTON
GRS	0701	0221900401900225WA9002L606	007	SE 1BLT	1.1MGKG	1.00AAMLR	0LEAD, TOTAL	MPBTON
GRS	0701	0221900228900032WA9002L606	007	MEC6D82J	112PER	1.0000MSJBD	0SELENIUM, TOTAL	MSETON
GRS	0701	0221900228900032WA9002L606	007	PBFB 2J	108PER	1.0000MSJBD	59.500TOLUENE-D8	0624HN
GRS	0701	0221900228900032WA9002L606	007	12DCD42J	122PER	1.0000MSJBD	59.500BROMOFUOROBENZENE	0624HN
GRS	0701	0221900228900032WA9002L606	007	CH3CL 2JLT	12UGKG	1.0000MSJBD	59.5001,2-DICHLOROETHANE-D	0624HN
GRS	0701	0221900228900032WA9002L606	007	CH3BR 2JLT	12UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
GRS	0701	0221900228900032WA9002L606	007	C2H3CL2JLT	12UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
GRS	0701	0221900228900032WA9002L606	007	C2H5CL2JLT	12UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
GRS	0701	0221900228900032WA9002L606	007	CH2CL22JB	32UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
GRS	0701	0221900228900032WA9002L606	007	ACET 2JB	35UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
GRS	0701	0221900228900032WA9002L606	007	CS2 2JLT	6UGKG	1.0000MSJBD	0ACETONE	0624HN
GRS	0701	0221900228900032WA9002L606	007	11DCE 2JLT	6UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
GRS	0701	0221900228900032WA9002L606	007	11DCLE2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
GRS	0701	0221900228900032WA9002L606	007	T12DCE2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
GRS	0701	0221900228900032WA9002L606	007	CHCL3 2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	(0624HN
GRS	0701	0221900228900032WA9002L606	007	12DCLE2JLT	12UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
GRS	0701	0221900228900032WA9002L606	007	MEK 2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN
GRS	0701	0221900228900032WA9002L606	007	111TCE2JLT	6UGKG	1.0000MSJBD	02-BUTANONE	0624HN
GRS	0701	0221900228900032WA9002L606	007		6UGKG	1.0000MSJBD	01,1,1-TRICHLOROETH	624HN

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GRS	07	0221900228900032WA9002L606	007	CCL4	2JLT	0UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HN
GRS	0701	0221900228900032WA9002L606	007	VINYLA2	2JLT	12UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN
GRS	0701	0221900228900032WA9002L606	007	BRDCLM2	2JLT	6UGKG	1.0000MSJBD	0BROMODICHLOROMETHANE	0624HN
GRS	0701	0221900228900032WA9002L606	007	12DCLP2	2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN
GRS	0701	0221900228900032WA9002L606	007	13DCPC2	2JLT	6UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	0624HN
GRS	0701	0221900228900032WA9002L606	007	TRCLE	2JLT	6UGKG	1.0000MSJBD	0TRICHLOROETHENE	0624HN
GRS	0701	0221900228900032WA9002L606	007	DBRCLM2	2JLT	6UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANE	0624HN
GRS	0701	0221900228900032WA9002L606	007	112TCE2	2JLT	6UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO	0624HN
GRS	0701	0221900228900032WA9002L606	007	C6H6	2JLT	6UGKG	1.0000MSJBD	0BENZENE	0624HN
GRS	0701	0221900228900032WA9002L606	007	T13DCP2	2JLT	6UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	0624HN
GRS	0701	0221900228900032WA9002L606	007	CHBR3	2JLT	6UGKG	1.0000MSJBD	0BROMOFORM	0624HN
GRS	0701	0221900228900032WA9002L606	007	4ME2PE2	2JLT	12UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	0624HN
GRS	0701	0221900228900032WA9002L606	007	2HXONE2	2JLT	12UGKG	1.0000MSJBD	02-HEXANONE	0624HN
GRS	0701	0221900228900032WA9002L606	007	TCLEE	2JLT	6UGKG	1.0000MSJBD	0TETRACHLOROETHENE	0624HN
GRS	0701	0221900228900032WA9002L606	007	TCLEA	2JLT	6UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	0624HN
GRS	0701	0221900228900032WA9002L606	007	MEC6H52	2JLT	6UGKG	1.0000MSJBD	0TOLUENE	0624HN
GRS	0701	0221900228900032WA9002L606	007	CLC6H52	2JLT	6UGKG	1.0000MSJBD	0CHLOROBENZENE	0624HN
GRS	0701	0221900228900032WA9002L606	007	ETC6H52	2JLT	6UGKG	1.0000MSJBD	0ETHYLBENZENE	0624HN
GRS	0701	0221900228900032WA9002L606	007	STYR	2JLT	6UGKG	1.0000MSJBD	0STYRENE	0624HN
GRS	0701	0221900228900032WA9002L606	007	XYLEN	2JLT	6UGKG	1.0000MSJBD	0XYLENE (TOTAL)	0624HN
GRS	0701	0221900309900326WA9002L606	007	NBD5	1X	60PER	1.0000MSDAR	1972.974NITROBENZENE-D5	0625HN
GRS	0701	0221900309900326WA9002L606	007	2FBP	1X	68PER	1.0000MSDAR	1972.9742-FLUOROBIPHENYL	0625HN
GRS	0701	0221900309900326WA9002L606	007	PTERP	1X	76PER	1.0000MSDAR	1972.974P-TERPHENYL-D14	0625HN
GRS	0701	0221900309900326WA9002L606	007	PHEND51	X	69PER	1.0000MSDAR	3945.947PHENOL-D5	0625HN
GRS	0701	0221900309900326WA9002L606	007	2FP	1X	73PER	1.0000MSDAR	3945.9472-FLUOROPHENOL	0625HN
GRS	0701	0221900309900326WA9002L606	007	246TBP1	X	64PER	1.0000MSDAR	3945.9472,4,6-TRIBROMOPHENOL	0625HN
GRS	0701	0221900309900326WA9002L606	007	PHENOL1	XLT	440UGKG	1.0000MSDAR	0PHENOL	0625HN
GRS	0701	0221900309900326WA9002L606	007	B2CEE	1XLT	440UGKG	1.0000MSDAR	0BIS (2-CHLOROETHYL) ETO	0625HN
GRS	0701	0221900309900326WA9002L606	007	2CLP	1XLT	440UGKG	1.0000MSDAR	02-CHLOROPHENOL	0625HN
GRS	0701	0221900309900326WA9002L606	007	13DCLB1	XLT	440UGKG	1.0000MSDAR	01,3-DICHLOROBENZENE	0625HN
GRS	0701	0221900309900326WA9002L606	007	14DCLB1	XLT	440UGKG	1.0000MSDAR	01,4-DICHLOROBENZENE	0625HN
GRS	0701	0221900309900326WA9002L606	007	BZALC	1XLT	440UGKG	1.0000MSDAR	0BENZYL ALCOHOL	0625HN
GRS	0701	0221900309900326WA9002L606	007	12DCLB1	XLT	440UGKG	1.0000MSDAR	01,2-DICHLOROBENZENE	0625HN
GRS	0701	0221900309900326WA9002L606	007	2MP	1XLT	440UGKG	1.0000MSDAR	02-METHYLPHENOL	0625HN
GRS	0701	0221900309900326WA9002L606	007	B2CIPE1	XLT	440UGKG	1.0000MSDAR	0BIS (2-CHLOROISOPROPYLO	0625HN
GRS	0701	0221900309900326WA9002L606	007	4MP	1XLT	440UGKG	1.0000MSDAR	04-METHYLPHENOL	0625HN
GRS	0701	0221900309900326WA9002L606	007	NDNPA	1XLT	440UGKG	1.0000MSDAR	0N-NITROSO-DI-N-PROPYLO	0625HN
GRS	0701	0221900309900326WA9002L606	007	CL6ET	1XLT	440UGKG	1.0000MSDAR	0HEXACHLOROETHANE	0625HN
GRS	0701	0221900309900326WA9002L606	007	NB	1XLT	440UGKG	1.0000MSDAR	0NITROBENZENE	0625HN
GRS	0701	0221900309900326WA9002L606	007	ISOPHR1	XLT	440UGKG	1.0000MSDAR	0ISOPHORONE	0625HN
GRS	0701	0221900309900326WA9002L606	007	2NP	1XLT	440UGKG	1.0000MSDAR	02-NITROPHENOL	0625HN
GRS	0701	0221900309900326WA9002L606	007	24DMPN1	XLT	440UGKG	1.0000MSDAR	02,4-DIMETHYLPHENOL	0625HN
GRS	0701	0221900309900326WA9002L606	007	BENZOAI	XLT	2200UGKG	1.0000MSDAR	0BENZOIC ACID	0625HN
GRS	0701	0221900309900326WA9002L606	007	B2CEXM1	XLT	440UGKG	1.0000MSDAR	0BIS (2-CHLOROETHOXY)MO	0625HN
GRS	0701	0221900309900326WA9002L606	007	24DCLP1	XLT	440UGKG	1.0000MSDAR	02,4-DICHLOROPHENOL	0625HN
GRS	0701	0221900309900326WA9002L606	007	124TCB1	XLT	440UGKG	1.0000MSDAR	01,2,4-TRICHLOROBENZEO	0625HN
GRS	0701	0221900309900326WA9002L606	007	NAP	1XLT	440UGKG	1.0000MSDAR	0NAPHTHALENE	0625HN
GRS	0701	0221900309900326WA9002L606	007	4CANIL1	XLT	440UGKG	1.0000MSDAR	04-CHLOROANILINE	0625HN

GRS	0701	0221900309900326WA9002L606	007	HCBD	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	4CL3C	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	2MENAP	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	CL6CP	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	246TCP	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	245TCP	1XLT	2200UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	2CNAP	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	2NANIL	1XLT	2200UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	DMP	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	ANAPYL	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	26DNT	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	3NANIL	1XLT	2200UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	ANAPNE	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	24DNP	1XLT	2200UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	4NP	1XLT	2200UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	DIBZFU	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	24DNT	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	DEP	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	4CLPPE	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	FLRENE	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	4NANIL	1XLT	2200UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	46DN2C	1XLT	2200UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	NNDPA	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	4BRPPE	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	CL6BZ	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	PCP	1XLT	2200UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	PHANTR	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	ANTRC	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	DNBP	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	FANT	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	PYR	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	BBZP	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	33CL2B	1XLT	880UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	BAANTR	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	CHRY	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	B2EHP	1X	1400UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	DNOP	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	BF2ANT	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	BKFANT	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	BAPYR	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	ICDPYR	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	DBAHA	1XLT	440UGKG	1.0000MSDAR
GRS	0701	0221900309900326WA9002L606	007	BGHPY	1XLT	440UGKG	1.0000MSDAR
GRS	0701A	0221900308900039WA9002L606	008			83.5%	10 JH
GRS	0701A	0221900323900226WA9002L606	008	AG	2ZLT	2.0MGKG	1.00ICALM
GRS	0701A	0221900330900225WA9002L606	008	AS	1B	2.7MGKG	1.00AAAER
GRS	0701A	0221900323900226WA9002L606	008	BA	2ZLT	39.3MGKG	1.00ICALM
GRS	0701A	0221900323900226WA9002L606	008	CD	2ZLT	0.98MGKG	1.00ICALM

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0HEXACHLOROBUTADIENE	O625HN
04-CHLORO-3-METHYLPHEO	O625HN
02-METHYLNAPHTHALENE	O625HN
0HEXACHLOROCYCLOPENTAO	O625HN
02,4,6-TRICHLOROPHENOO	O625HN
02,4,5-TRICHLOROPHENOO	O625HN
02-CHLORONAPHTHALENE	O625HN
02-NITROANILINE	O625HN
0DIMETHYLPHTHALATE	O625HN
0ACENAPHTHYLENE	O625HN
02,6-DINITROTOLUENE	O625HN
03-NITROANILINE	O625HN
0ACENAPHTHENE	O625HN
02,4-DINITROPHENOL	O625HN
04-NITROPHENOL	O625HN
0DIBENZOFURAN	O625HN
02,4-DINITROTOLUENE	O625HN
0DIETHYLPHTHALATE	O625HN
04-CHLOROPHENYL-PHENYO	O625HN
0FLUORENE	O625HN
04-NITROANILINE	O625HN
04,6-DINITRO-2-METHYLO	O625HN
0N-NITROSODIPHENYLAMIO	O625HN
04-BROMOPHENYL-PHENYO	O625HN
0HEXACHLOROBENZENE	O625HN
0PENTACHLOROPHENOL	O625HN
0PHENANTHRENE	O625HN
0ANTHRACENE	O625HN
0DI-N-BUTYLPHTHALATE	O625HN
0FLUORANTHENE	O625HN
0PYRENE	O625HN
0BUTYLBENZYLPHTHALATEO	O625HN
03,3'-DICHLOROBENZIDIO	O625HN
0BENZO (A) ANTHRACENE	O625HN
0CHRYSENE	O625HN
0BIS (2-ETHYLHEXYL) PHTO	O625HN
0DI-N-OCTYL PHTHALATEO	O625HN
0BENZO (B) FLUORANTHENE	O625HN
0BENZO (K) FLUORANTHENE	O625HN
0BENZO (A) PYRENE	O625HN
0INDENO (1,2,3-CD) PYREO	O625HN
0DIBENZO (A,H) ANTHRACEO	O625HN
0BENZO (G,H,I) PERYLENEO	O625HN
0% SOLIDS	I% SOLN
0SILVER, TOTAL	MAGTON
0ARSENIC, TOTAL	MASTON
0BARIUM, TOTAL	MBATON
0CADMIUM, TOTAL	MCOTON

GRS	0701A0221900323900226WA9002L606	008	CR	2Z	29.0MGKG	1.00ICALM	0CHROMIUM, TOTAL	MCRTON
GRS	0701A0221900319900042WA9002L606	008	HGTOT	1DLT	0.12MGKG	1.00HGSQ	0MERCURY, TOTAL	MHGTON
GRS	0701A0221900405900225WA9002L606	008	PB	1B	8.1MGKG	1.00AACMT	0LEAD, TOTAL	MPBTON
GRS	0701A0221900401900225WA9002L606	008	SE	1BLT	1.1MGKG	1.00AAMLRL	0SELENIUM, TOTAL	MSETON
GRS	0701A0221900301900032WA9002L606	008	MEC6D82J		112PER	1.0000MSJBD	59.500TOLUENE-D8	0624HN
GRS	0701A0221900301900032WA9002L606	008	PBFB	2J	106PER	1.0000MSJBD	59.500BROMOFLUOROBENZENE	0624HN
GRS	0701A0221900301900032WA9002L606	008	12DCD42J		112PER	1.0000MSJBD	59.5001,2-DICHLOROETHANE-DO	0624HN
GRS	0701A0221900301900032WA9002L606	008	CH3CL	2JLT	12UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
GRS	0701A0221900301900032WA9002L606	008	CH3BR	2JLT	12UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
GRS	0701A0221900301900032WA9002L606	008	C2H3CL2JLT		12UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
GRS	0701A0221900301900032WA9002L606	008	C2H5CL2JLT		12UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
GRS	0701A0221900301900032WA9002L606	008	CH2CL22JB		24UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
GRS	0701A0221900301900032WA9002L606	008	ACET	2JB	29UGKG	1.0000MSJBD	0ACETONE	0624HN
GRS	0701A0221900301900032WA9002L606	008	CS2	2JLT	6UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
GRS	0701A0221900301900032WA9002L606	008	11DCE	2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
GRS	0701A0221900301900032WA9002L606	008	11DCLE2JLT		6UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
GRS	0701A0221900301900032WA9002L606	008	T12DCE2JLT		6UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN
GRS	0701A0221900301900032WA9002L606	008	CHCL3	2JLT	6UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
GRS	0701A0221900301900032WA9002L606	008	12DCLE2JLT		6UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN
GRS	0701A0221900301900032WA9002L606	008	MEK	2JLT	12UGKG	1.0000MSJBD	02-BUTANONE	0624HN
GRS	0701A0221900301900032WA9002L606	008	111TCE2JLT		6UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANO	0624HN
GRS	0701A0221900301900032WA9002L606	008	CCL4	2JLT	6UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HN
GRS	0701A0221900301900032WA9002L606	008	VINYLA2JLT		12UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN
GRS	0701A0221900301900032WA9002L606	008	BRDCLM2JLT		6UGKG	1.0000MSJBD	0BROMODICHLOROMETHANEO	0624HN
GRS	0701A0221900301900032WA9002L606	008	12DCLP2JLT		6UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN
GRS	0701A0221900301900032WA9002L606	008	13DCPC2JLT		6UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	0624HN
GRS	0701A0221900301900032WA9002L606	008	TRCLE	2JLT	6UGKG	1.0000MSJBD	0TRICHLOROETHENE	0624HN
GRS	0701A0221900301900032WA9002L606	008	DBRCLM2JLT		6UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANEO	0624HN
GRS	0701A0221900301900032WA9002L606	008	112TCE2JLT		6UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO	0624HN
GRS	0701A0221900301900032WA9002L606	008	C6H6	2JLT	6UGKG	1.0000MSJBD	0BENZENE	0624HN
GRS	0701A0221900301900032WA9002L606	008	T13DCP2JLT		6UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	0624HN
GRS	0701A0221900301900032WA9002L606	008	CHBR3	2JLT	6UGKG	1.0000MSJBD	0BROMOFORM	0624HN
GRS	0701A0221900301900032WA9002L606	008	4ME2PE2JLT		12UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	0624HN
GRS	0701A0221900301900032WA9002L606	008	2HXONE2JLT		12UGKG	1.0000MSJBD	02-HEXANONE	0624HN
GRS	0701A0221900301900032WA9002L606	008	TCLEE	2JLT	6UGKG	1.0000MSJBD	0TETRACHLOROETHENE	0624HN
GRS	0701A0221900301900032WA9002L606	008	TCLEA	2JLT	6UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	0624HN
GRS	0701A0221900301900032WA9002L606	008	MEC6H52JLT		6UGKG	1.0000MSJBD	0TOLUENE	0624HN
GRS	0701A0221900301900032WA9002L606	008	CLC6H52JLT		6UGKG	1.0000MSJBD	0CHLOROBENZENE	0624HN
GRS	0701A0221900301900032WA9002L606	008	ETC6H52JLT		6UGKG	1.0000MSJBD	0ETHYLBENZENE	0624HN
GRS	0701A0221900301900032WA9002L606	008	STYR	2JLT	6UGKG	1.0000MSJBD	0STYRENE	0624HN
GRS	0701A0221900301900032WA9002L606	008	XYLEN	2JLT	6UGKG	1.0000MSJBD	0XYLENE (TOTAL)	0624HN
GRS	0701A0221900313900326WA9002L606	008	NBD5	1X	60PER	1.0000MSDAR	1927.929NITROBENZENE-D5	0625HN
GRS	0701A0221900313900326WA9002L606	008	2FBP	1X	69PER	1.0000MSDAR	1927.9292-FLUOROBIPHENYL	0625HN
GRS	0701A0221900313900326WA9002L606	008	PTERP	1X	61PER	1.0000MSDAR	1927.929P-TERPHENYL-D14	0625HN
GRS	0701A0221900313900326WA9002L606	008	PHEND51X		66PER	1.0000MSDAR	3855.857PHENOL-D5	0625HN
GRS	0701A0221900313900326WA9002L606	008	2FP	1X	46PER	1.0000MSDAR	3855.8572-FLUOROPHENOL	0625HN
GRS	0701A0221900313900326WA9002L606	008	246TBP1X		47PER	1.0000MSDAR	3855.8572,4,6-TRIBROMOPHENOLO	0625HN
GRS	0701A0221900313900326WA9002L606	008	PHENOL1XLT		430UGKG	1.0000MSDAR	0PHENOL	0625HN

GRS	0701A0221900313900326WA9002L606	008	B2CEE	1XLT	430UGKG	1.0000MSDAR	OBIS (2-CHLOROETHYL) ETO	0625HN
GRS	0701A0221900313900326WA9002L606	008	2CLP	1XLT	430UGKG	1.0000MSDAR	02-CHLOROPHENOL	0625HN
GRS	0701A0221900313900326WA9002L606	008	13CLB1XLT		430UGKG	1.0000MSDAR	01,3-DICHLOROBENZENE	0625HN
GRS	0701A0221900313900326WA9002L606	008	14CLB1XLT		430UGKG	1.0000MSDAR	01,4-DICHLOROBENZENE	0625HN
GRS	0701A0221900313900326WA9002L606	008	BZALC	1XLT	430UGKG	1.0000MSDAR	OBENZYL ALCOHOL	0625HN
GRS	0701A0221900313900326WA9002L606	008	12DCLB1XLT		430UGKG	1.0000MSDAR	01,2-DICHLOROBENZENE	0625HN
GRS	0701A0221900313900326WA9002L606	008	2MP	1XLT	430UGKG	1.0000MSDAR	02-METHYLPHENOL	0625HN
GRS	0701A0221900313900326WA9002L606	008	B2CIPE1XLT		430UGKG	1.0000MSDAR	OBIS (2-CHLOROISOPROPYLO	0625HN
GRS	0701A0221900313900326WA9002L606	008	4MP	1XLT	430UGKG	1.0000MSDAR	04-METHYLPHENOL	0625HN
GRS	0701A0221900313900326WA9002L606	008	NDNPA	1XLT	430UGKG	1.0000MSDAR	ON-NITROSO-DI-N-PROPYLO	0625HN
GRS	0701A0221900313900326WA9002L606	008	CL6ET	1XLT	430UGKG	1.0000MSDAR	0HEXACHLOROETHANE	0625HN
GRS	0701A0221900313900326WA9002L606	008	IS	1XLT	430UGKG	1.0000MSDAR	ONITROBENZENE	0625HN
GRS	0701A0221900313900326WA9002L606	008	ISOPHR1XLT		430UGKG	1.0000MSDAR	0ISOPHORONE	0625HN
GRS	0701A0221900313900326WA9002L606	008	2NP	1XLT	430UGKG	1.0000MSDAR	02-NITROPHENOL	0625HN
GRS	0701A0221900313900326WA9002L606	008	24DMPN1XLT		430UGKG	1.0000MSDAR	02,4-DIMETHYLPHENOL	0625HN
GRS	0701A0221900313900326WA9002L606	008	BENZOAI1XLT		2100UGKG	1.0000MSDAR	OBENZOIC ACID	0625HN
GRS	0701A0221900313900326WA9002L606	008	B2CEXM1XLT		430UGKG	1.0000MSDAR	OBIS (2-CHLOROETHOXY)MO	0625HN
GRS	0701A0221900313900326WA9002L606	008	24DCLP1XLT		430UGKG	1.0000MSDAR	02,4-DICHLOROPHENOL	0625HN
GRS	0701A0221900313900326WA9002L606	008	124TCB1XLT		430UGKG	1.0000MSDAR	01,2,4-TRICHLOROBENZENO	0625HN
GRS	0701A0221900313900326WA9002L606	008	NAP	1XLT	430UGKG	1.0000MSDAR	ONAPHTHALENE	0625HN
GRS	0701A0221900313900326WA9002L606	008	4CANIL1XLT		430UGKG	1.0000MSDAR	04-CHLOROANILINE	0625HN
GRS	0701A0221900313900326WA9002L606	008	HCBD	1XLT	430UGKG	1.0000MSDAR	0HEXACHLOROBUTADIENE	0625HN
GRS	0701A0221900313900326WA9002L606	008	4CL3C	1XLT	430UGKG	1.0000MSDAR	04-CHLORO-3-METHYLPHENO	0625HN
GRS	0701A0221900313900326WA9002L606	008	2MENAP1XLT		430UGKG	1.0000MSDAR	02-METHYLNAPHTHALENE	0625HN
GRS	0701A0221900313900326WA9002L606	008	CL6CP	1XLT	430UGKG	1.0000MSDAR	0HEXACHLOROCYCLOPENTAO	0625HN
GRS	0701A0221900313900326WA9002L606	008	246TCP1XLT		430UGKG	1.0000MSDAR	02,4,6-TRICHLOROPHENOO	0625HN
GRS	0701A0221900313900326WA9002L606	008	245TCP1XLT		2100UGKG	1.0000MSDAR	02,4,5-TRICHLOROPHENOO	0625HN
GRS	0701A0221900313900326WA9002L606	008	2CNAP	1XLT	430UGKG	1.0000MSDAR	02-CHLORONAPHTHALENE	0625HN
GRS	0701A0221900313900326WA9002L606	008	2NANIL1XLT		2100UGKG	1.0000MSDAR	02-NITROANILINE	0625HN
GRS	0701A0221900313900326WA9002L606	008	DMP	1XLT	430UGKG	1.0000MSDAR	0DIMETHYLPHTHALATE	0625HN
GRS	0701A0221900313900326WA9002L606	008	ANAPYL1XLT		430UGKG	1.0000MSDAR	0ACENAPHTHYLENE	0625HN
GRS	0701A0221900313900326WA9002L606	008	26DNT	1XLT	430UGKG	1.0000MSDAR	02,6-DINITROTOLUENE	0625HN
GRS	0701A0221900313900326WA9002L606	008	3NANIL1XLT		2100UGKG	1.0000MSDAR	03-NITROANILINE	0625HN
GRS	0701A0221900313900326WA9002L606	008	ANAPNE1XLT		430UGKG	1.0000MSDAR	0ACENAPHTHENE	0625HN
GRS	0701A0221900313900326WA9002L606	008	24DNP	1XLT	2100UGKG	1.0000MSDAR	02,4-DINITROPHENOL	0625HN
GRS	0701A0221900313900326WA9002L606	008	4NP	1XLT	2100UGKG	1.0000MSDAR	04-NITROPHENOL	0625HN
GRS	0701A0221900313900326WA9002L606	008	DIBZFUI1XLT		430UGKG	1.0000MSDAR	0DIBENZOFURAN	0625HN
GRS	0701A0221900313900326WA9002L606	008	24DNT	1XLT	430UGKG	1.0000MSDAR	02,4-DINITROTOLUENE	0625HN
GRS	0701A0221900313900326WA9002L606	008	DEP	1XLT	430UGKG	1.0000MSDAR	0DIETHYLPHTHALATE	0625HN
GRS	0701A0221900313900326WA9002L606	008	4CLPPE1XLT		430UGKG	1.0000MSDAR	04-CHLOROPHENYL-PHENYLO	0625HN
GRS	0701A0221900313900326WA9002L606	008	FLRENE1XLT		430UGKG	1.0000MSDAR	0FLUORENE	0625HN
GRS	0701A0221900313900326WA9002L606	008	4NANIL1XLT		2100UGKG	1.0000MSDAR	04-NITROANILINE	0625HN
GRS	0701A0221900313900326WA9002L606	008	46DN2C1XLT		2100UGKG	1.0000MSDAR	04,6-DINITRO-2-METHYLO	0625HN
GRS	0701A0221900313900326WA9002L606	008	NNDPA	1XLT	430UGKG	1.0000MSDAR	ON-NITROSODIPHENYLAMIO	0625HN
GRS	0701A0221900313900326WA9002L606	008	4BRPPE1XLT		430UGKG	1.0000MSDAR	04-BROMOPHENYL-PHENYLO	0625HN
GRS	0701A0221900313900326WA9002L606	008	CL6BZ	1XLT	430UGKG	1.0000MSDAR	0HEXACHLOROBENZENE	0625HN
GRS	0701A0221900313900326WA9002L606	008	PCP	1XLT	2100UGKG	1.0000MSDAR	0PENTACHLOROPHENOL	0625HN
GRS	0701A0221900313900326WA9002L606	008	PHANTRI1XLT		430UGKG	1.0000MSDAR	0PHENANTHRENE	0625HN

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GRS	0701A0221900313900326WA9002L606	008	ANTRC 1XLT	430UGKG	1.0000MSDAR	0ANTHRACENE	O625HN
GRS	0701A0221900313900326WA9002L606	008	DNBP 1XLT	430UGKG	1.0000MSDAR	0DI-N-BUTYLPHTHALATE	O625HN
GRS	0701A0221900313900326WA9002L606	008	FANT 1XLT	430UGKG	1.0000MSDAR	0FLUORANTHENE	O625HN
GRS	0701A0221900313900326WA9002L606	008	PYR 1XLT	430UGKG	1.0000MSDAR	0PYRENE	O625HN
GRS	0701A0221900313900326WA9002L606	008	BBZP 1XLT	430UGKG	1.0000MSDAR	0BUTYLBENZYLPHTHALATE	O625HN
GRS	0701A0221900313900326WA9002L606	008	33CL2B1XLT	860UGKG	1.0000MSDAR	03,3'-DICHLOROBENZIDIO	O625HN
GRS	0701A0221900313900326WA9002L606	008	BAANTR1XLT	430UGKG	1.0000MSDAR	0BENZO (A) ANTHRACENE	O625HN
GRS	0701A0221900313900326WA9002L606	008	CHRY 1XLT	430UGKG	1.0000MSDAR	0CHRYSENE	O625HN
GRS	0701A0221900313900326WA9002L606	008	B2EHP 1X	1900UGKG	1.0000MSDAR	0BIS (2-ETHYLHEXYL) PHTO	O625HN
GRS	0701A0221900313900326WA9002L606	008	DNOP 1XLT	430UGKG	1.0000MSDAR	0DI-N-OCTYL PHTHALATE	O625HN
GRS	0701A0221900313900326WA9002L606	008	BF2ANT1XLT	430UGKG	1.0000MSDAR	0BENZO (B) FLUORANTHENE	O625HN
GRS	0701A0221900313900326WA9002L606	008	BKFANT1XLT	430UGKG	1.0000MSDAR	0BENZO (K) FLUORANTHENE	O625HN
GRS	0701A0221900313900326WA9002L606	008	BAPYR 1XLT	430UGKG	1.0000MSDAR	0BENZO (A) PYRENE	O625HN
GRS	0701A0221900313900326WA9002L606	008	ICDPYR1XLT	430UGKG	1.0000MSDAR	0INDENO (1,2,3-CD) PYREO	O625HN
GRS	0701A0221900313900326WA9002L606	008	DBAHA 1XLT	430UGKG	1.0000MSDAR	0DIBENZO (A,H) ANTHRACEO	O625HN
GRS	0701A0221900313900326WA9002L606	008	BGHIPY1XLT	430UGKG	1.0000MSDAR	0BENZO (G,H,I) PERYLENEO	O625HN
GRS	0702 0221900301900032WA9002L606	009	MEC6D82J	114PER	1.0000MSJBD	56.000TOLUENE-D8	O624HN
GRS	0702 0221900301900032WA9002L606	009	PBFB 2J	112PER	1.0000MSJBD	56.000BROMOFLUOROBENZENE	O624HN
GRS	0702 0221900301900032WA9002L606	009	12DCD42J	121PER	1.0000MSJBD	56.0001,2-DICHLOROETHANE-DO	O624HN
GRS	0702 0221900301900032WA9002L606	009	CH3CL 2JLT	11UGKG	1.0000MSJBD	0CHLOROMETHANE	O624HN
GRS	0702 0221900301900032WA9002L606	009	CH3BR 2JLT	11UGKG	1.0000MSJBD	0BROMOMETHANE	O624HN
GRS	0702 0221900301900032WA9002L606	009	C2H3CL2JLT	11UGKG	1.0000MSJBD	0VINYL CHLORIDE	O624HN
GRS	0702 0221900301900032WA9002L606	009	C2H5CL2JLT	11UGKG	1.0000MSJBD	0CHLOROETHANE	O624HN
GRS	0702 0221900301900032WA9002L606	009	CH2CL22JB	18UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	O624HN
GRS	0702 0221900301900032WA9002L606	009	ACET 2JB	99UGKG	1.0000MSJBD	0ACETONE	O624HN
GRS	0702 0221900301900032WA9002L606	009	CS2 2JLT	6UGKG	1.0000MSJBD	0CARBON DISULFIDE	O624HN
GRS	0702 0221900301900032WA9002L606	009	11DCE 2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	O624HN
GRS	0702 0221900301900032WA9002L606	009	11DCLE2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	O624HN
GRS	0702 0221900301900032WA9002L606	009	T12DCE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	O624HN
GRS	0702 0221900301900032WA9002L606	009	CHCL3 2JLT	6UGKG	1.0000MSJBD	0CHLOROFORM	O624HN
GRS	0702 0221900301900032WA9002L606	009	12DCLE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	O624HN
GRS	0702 0221900301900032WA9002L606	009	MEK 2JLT	11UGKG	1.0000MSJBD	02-BUTANONE	O624HN
GRS	0702 0221900301900032WA9002L606	009	111TCE2JLT	6UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANO	O624HN
GRS	0702 0221900301900032WA9002L606	009	CCl4 2JLT	6UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	O624HN
GRS	0702 0221900301900032WA9002L606	009	VINYLA2JLT	11UGKG	1.0000MSJBD	0VINYL ACETATE	O624HN
GRS	0702 0221900301900032WA9002L606	009	BRDCLM2JLT	6UGKG	1.0000MSJBD	0BROMODICHLOROMETHANEO	O624HN
GRS	0702 0221900301900032WA9002L606	009	12DCLP2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	O624HN
GRS	0702 0221900301900032WA9002L606	009	13DCPC2JLT	6UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	O624HN
GRS	0702 0221900301900032WA9002L606	009	TRCLE 2JLT	6UGKG	1.0000MSJBD	0TRICHLOROETHENE	O624HN
GRS	0702 0221900301900032WA9002L606	009	DBRCLM2JLT	6UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANEO	O624HN
GRS	0702 0221900301900032WA9002L606	009	112TCE2JLT	6UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO	O624HN
GRS	0702 0221900301900032WA9002L606	009	C6H6 2JLT	6UGKG	1.0000MSJBD	0BENZENE	O624HN
GRS	0702 0221900301900032WA9002L606	009	T13DCP2JLT	6UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	O624HN
GRS	0702 0221900301900032WA9002L606	009	CHBR3 2JLT	6UGKG	1.0000MSJBD	0BROMOFORM	O624HN
GRS	0702 0221900301900032WA9002L606	009	4ME2PE2JLT	11UGKG	1.0000MSJBD	04-METHYL-2-PENTANONEO	O624HN
GRS	0702 0221900301900032WA9002L606	009	2HXONE2JLT	11UGKG	1.0000MSJBD	02-HEXANONE	O624HN
GRS	0702 0221900301900032WA9002L606	009	TCLEE 2JLT	6UGKG	1.0000MSJBD	0TETRACHLOROETHENE	O624HN
GRS	0702 0221900301900032WA9002L606	009	TCLEA 2JLT	6UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	O624HN

GRS	0702	0221900301900032WA9002L606	009	MEC6H52JLT	6UGKG	1.0000MSJBD	0TOLUENE	O624HN
GRS	0702	0221900301900032WA9002L606	009	CLC6H52JLT	6UGKG	1.0000MSJBD	0CHLOROBENZENE	O624HN
GRS	0702	0221900301900032WA9002L606	009	ETC6H52JLT	6UGKG	1.0000MSJBD	0ETHYLBENZENE	O624HN
GRS	0702	0221900301900032WA9002L606	009	STYR 2JLT	6UGKG	1.0000MSJBD	0STYRENE	O624HN
GRS	0702	0221900301900032WA9002L606	009	XYLEN 2JLT	6UGKG	1.0000MSJBD	0XYLENE (TOTAL)	O624HN
GRS	0702	0221900309900326WA9002L606	009	NBD5 1X	49PER	1.0000MSDAR	1873.875NITROBENZENE-D5	O625HN
GRS	0702	0221900309900326WA9002L606	009	2FBP 1X	60PER	1.0000MSDAR	1873.8752-FLUOROBIPHENYL	O625HN
GRS	0702	0221900309900326WA9002L606	009	PTERP 1X	71PER	1.0000MSDAR	1873.875P-TERPHENYL-D14	O625HN
GRS	0702	0221900309900326WA9002L606	009	PHEND51X	59PER	1.0000MSDAR	3747.749PHENOL-D5	O625HN
GRS	0702	0221900309900326WA9002L606	009	2FP 1X	55PER	1.0000MSDAR	3747.7492-FLUOROPHENOL	O625HN
GRS	0702	0221900309900326WA9002L606	009	246TBP1X	48PER	1.0000MSDAR	3747.7492,4,6-TRIBROMOPHENOL	O625HN
GRS	0702	0221900309900326WA9002L606	009	PHENOL1XLT	420UGKG	1.0000MSDAR	0PHENOL	O625HN
GRS	0702	0221900309900326WA9002L606	009	B2CEE 1XLT	420UGKG	1.0000MSDAR	0BIS (2-CHLOROETHYL) ETO	O625HN
GRS	0702	0221900309900326WA9002L606	009	2CLP 1XLT	420UGKG	1.0000MSDAR	02-CHLOROPHENOL	O625HN
GRS	0702	0221900309900326WA9002L606	009	13DCLB1XLT	420UGKG	1.0000MSDAR	01,3-DICHLOROBENZENE	O625HN
GRS	0702	0221900309900326WA9002L606	009	14DCLB1XLT	420UGKG	1.0000MSDAR	01,4-DICHLOROBENZENE	O625HN
GRS	0702	0221900309900326WA9002L606	009	BZALC 1XLT	420UGKG	1.0000MSDAR	0BENZYL ALCOHOL	O625HN
GRS	0702	0221900309900326WA9002L606	009	12DCLB1XLT	420UGKG	1.0000MSDAR	01,2-DICHLOROBENZENE	O625HN
GRS	0702	0221900309900326WA9002L606	009	2MP 1XLT	420UGKG	1.0000MSDAR	02-METHYLPHENOL	O625HN
GRS	0702	0221900309900326WA9002L606	009	B2CIPE1XLT	420UGKG	1.0000MSDAR	0BIS (2-CHLOROISOPROPYLO	O625HN
GRS	0702	0221900309900326WA9002L606	009	4MP 1XLT	420UGKG	1.0000MSDAR	04-METHYLPHENOL	O625HN
GRS	0702	0221900309900326WA9002L606	009	NDNPA 1XLT	420UGKG	1.0000MSDAR	0N-NITROSO-DI-N-PROPYO	O625HN
GRS	0702	0221900309900326WA9002L606	009	CL6ET 1XLT	420UGKG	1.0000MSDAR	0HEXACHLOROETHANE	O625HN
GRS	0702	0221900309900326WA9002L606	009	NB 1XLT	420UGKG	1.0000MSDAR	0NITROBENZENE	O625HN
GRS	0702	0221900309900326WA9002L606	009	ISOPHR1XLT	420UGKG	1.0000MSDAR	0ISOPHORONE	O625HN
GRS	0702	0221900309900326WA9002L606	009	2NP 1XLT	420UGKG	1.0000MSDAR	02-NITROPHENOL	O625HN
GRS	0702	0221900309900326WA9002L606	009	24DMPN1XLT	420UGKG	1.0000MSDAR	02,4-DIMETHYLPHENOL	O625HN
GRS	0702	0221900309900326WA9002L606	009	BENZOA1XLT	2100UGKG	1.0000MSDAR	0BENZOIC ACID	O625HN
GRS	0702	0221900309900326WA9002L606	009	B2CEXM1XLT	420UGKG	1.0000MSDAR	0BIS (2-CHLOROETHOXY) MO	O625HN
GRS	0702	0221900309900326WA9002L606	009	24DCLP1XLT	420UGKG	1.0000MSDAR	02,4-DICHLOROPHENOL	O625HN
GRS	0702	0221900309900326WA9002L606	009	124TCB1XLT	420UGKG	1.0000MSDAR	01,2,4-TRICHLOROBENZEO	O625HN
GRS	0702	0221900309900326WA9002L606	009	NAP 1XLT	420UGKG	1.0000MSDAR	0NAPHTHALENE	O625HN
GRS	0702	0221900309900326WA9002L606	009	4CANIL1XLT	420UGKG	1.0000MSDAR	04-CHLOROANILINE	O625HN
GRS	0702	0221900309900326WA9002L606	009	HCBD 1XLT	420UGKG	1.0000MSDAR	0HEXACHLOROBUTADIENE	O625HN
GRS	0702	0221900309900326WA9002L606	009	4CL3C 1XLT	420UGKG	1.0000MSDAR	04-CHLORO-3-METHYLPHEO	O625HN
GRS	0702	0221900309900326WA9002L606	009	2MENAP1XLT	420UGKG	1.0000MSDAR	02-METHYLNAPHTHALENE	O625HN
GRS	0702	0221900309900326WA9002L606	009	CL6CP 1XLT	420UGKG	1.0000MSDAR	0HEXACHLOROCYCLOPENTAO	O625HN
GRS	0702	0221900309900326WA9002L606	009	246TCP1XLT	420UGKG	1.0000MSDAR	02,4,6-TRICHLOROPHENOO	O625HN
GRS	0702	0221900309900326WA9002L606	009	245TCP1XLT	2100UGKG	1.0000MSDAR	02,4,5-TRICHLOROPHENOO	O625HN
GRS	0702	0221900309900326WA9002L606	009	2CNAP 1XLT	420UGKG	1.0000MSDAR	02-CHLORONAPHTHALENE	O625HN
GRS	0702	0221900309900326WA9002L606	009	2NANIL1XLT	2100UGKG	1.0000MSDAR	02-NITROANILINE	O625HN
GRS	0702	0221900309900326WA9002L606	009	DMP 1XLT	420UGKG	1.0000MSDAR	0DIMETHYLPHTHALATE	O625HN
GRS	0702	0221900309900326WA9002L606	009	ANAPYL1XLT	420UGKG	1.0000MSDAR	0ACENAPHTHYLENE	O625HN
GRS	0702	0221900309900326WA9002L606	009	26DNT 1XLT	420UGKG	1.0000MSDAR	02,6-DINITROTOLUENE	O625HN
GRS	0702	0221900309900326WA9002L606	009	3NANIL1XLT	2100UGKG	1.0000MSDAR	03-NITROANILINE	O625HN
GRS	0702	0221900309900326WA9002L606	009	ANAPNE1XLT	420UGKG	1.0000MSDAR	0ACENAPHTHENE	O625HN
GRS	0702	0221900309900326WA9002L606	009	24DNP 1XLT	2100UGKG	1.0000MSDAR	02,4-DINITROPHENOL	O625HN
GRS	0702	0221900309900326WA9002L606	009	4NP 1XLT	2100UGKG	1.0000MSDAR	04-NITROPHENOL	O625HN

GRS	0702	0221900309900326WA9002L606	009	DIBZFUIXLTL	420UGKG	1.0000MSDAR	0DIBENZOFURAN	0625HN
GRS	0702	0221900309900326WA9002L606	009	24DNT 1XLTL	420UGKG	1.0000MSDAR	02,4-DINITROTOLUENE	0625HN
GRS	0702	0221900309900326WA9002L606	009	DEP 1XLTL	420UGKG	1.0000MSDAR	0DIETHYLPHTHALATE	0625HN
GRS	0702	0221900309900326WA9002L606	009	4CLPPE1XLTL	420UGKG	1.0000MSDAR	04-CHLOROPHENYL-PHENYL	0625HN
GRS	0702	0221900309900326WA9002L606	009	FLRENE1XLTL	420UGKG	1.0000MSDAR	0FLUORENE	0625HN
GRS	0702	0221900309900326WA9002L606	009	4NANIL1XLTL	2100UGKG	1.0000MSDAR	04-NITROANILINE	0625HN
GRS	0702	0221900309900326WA9002L606	009	46DN2C1XLTL	2100UGKG	1.0000MSDAR	04,6-DINITRO-2-METHYL	0625HN
GRS	0702	0221900309900326WA9002L606	009	NNDPA 1XLTL	420UGKG	1.0000MSDAR	0N-NITROSODIPHENYLAMIO	0625HN
GRS	0702	0221900309900326WA9002L606	009	4BRPPE1XLTL	420UGKG	1.0000MSDAR	04-BROMOPHENYL-PHENYL	0625HN
GRS	0702	0221900309900326WA9002L606	009	CL6BZ 1XLTL	420UGKG	1.0000MSDAR	0HEXACHLOROBENZENE	0625HN
GRS	0702	0221900309900326WA9002L606	009	PCP 1XLTL	2100UGKG	1.0000MSDAR	0PENTACHLOROPHENOL	0625HN
GRS	0702	0221900309900326WA9002L606	009	PHANTR1XLTL	420UGKG	1.0000MSDAR	0PHENANTHRENE	0625HN
GRS	0702	0221900309900326WA9002L606	009	ANTRC 1XLTL	420UGKG	1.0000MSDAR	0ANTHRACENE	0625HN
GRS	0702	0221900309900326WA9002L606	009	DNBP 1XLTL	420UGKG	1.0000MSDAR	0DI-N-BUTYLPHTHALATE	0625HN
GRS	0702	0221900309900326WA9002L606	009	FANT 1XLTL	420UGKG	1.0000MSDAR	0FLUORANTHENE	0625HN
GRS	0702	0221900309900326WA9002L606	009	PYR 1XLTL	420UGKG	1.0000MSDAR	0PYRENE	0625HN
GRS	0702	0221900309900326WA9002L606	009	BBZP 1XLTL	420UGKG	1.0000MSDAR	0BUTYLBENZYLPHTHALATEO	0625HN
GRS	0702	0221900309900326WA9002L606	009	33CL2B1XLTL	830UGKG	1.0000MSDAR	03,3'-DICHLOROBENZIDIO	0625HN
GRS	0702	0221900309900326WA9002L606	009	BAANTR1XLTL	420UGKG	1.0000MSDAR	0BENZO (A) ANTHRACENE	0625HN
GRS	0702	0221900309900326WA9002L606	009	CHRY 1XLTL	420UGKG	1.0000MSDAR	0CHRYSENE	0625HN
GRS	0702	0221900309900326WA9002L606	009	B2EHP 1XLTL	420UGKG	1.0000MSDAR	0BIS (2-ETHYLHEXYL) PHTO	0625HN
GRS	0702	0221900309900326WA9002L606	009	DNOP 1XLTL	420UGKG	1.0000MSDAR	0DI-N-OCTYL PHTHALATEO	0625HN
GRS	0702	0221900309900326WA9002L606	009	BF2ANT1XLTL	420UGKG	1.0000MSDAR	0BENZO (B) FLUORANTHENE	0625HN
GRS	0702	0221900309900326WA9002L606	009	BKFANT1XLTL	420UGKG	1.0000MSDAR	0BENZO (K) FLUORANTHENE	0625HN
GRS	0702	0221900309900326WA9002L606	009	BAPYR 1XLTL	420UGKG	1.0000MSDAR	0BENZO (A) PYRENE	0625HN
GRS	0702	0221900309900326WA9002L606	009	ICDPYR1XLTL	420UGKG	1.0000MSDAR	0INDENO (1,2,3-CD) PYREO	0625HN
GRS	0702	0221900309900326WA9002L606	009	DBAHA 1XLTL	420UGKG	1.0000MSDAR	0DIBENZO (A,H) ANTHRACEO	0625HN
GRS	0702	0221900309900326WA9002L606	009	BGHIPY1XLTL	420UGKG	1.0000MSDAR	0BENZO (G,H,I) PERYLENEO	0625HN
GRS	0703	0221900305900036WA9002L606	010	MEC6D82J	89PER	1.0000MSJBD	57.500TOLUENE-D8	0624HN
GRS	0703	0221900305900036WA9002L606	010	PBFB 2J	97PER	1.0000MSJBD	57.500BROMOFLUOROBENZENE	0624HN
GRS	0703	0221900305900036WA9002L606	010	12DCD42J	85PER	1.0000MSJBD	57.5001,2-DICHLOROETHANE-DO	0624HN
GRS	0703	0221900305900036WA9002L606	010	CH3CL 2JLT	12UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
GRS	0703	0221900305900036WA9002L606	010	CH3BR 2JLT	12UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
GRS	0703	0221900305900036WA9002L606	010	C2H3CL2JLT	12UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
GRS	0703	0221900305900036WA9002L606	010	C2H5CL2JLT	12UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
GRS	0703	0221900305900036WA9002L606	010	CH2CL22JB	10UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
GRS	0703	0221900305900036WA9002L606	010	ACET 2JB	81UGKG	1.0000MSJBD	0ACETONE	0624HN
GRS	0703	0221900305900036WA9002L606	010	CS2 2JLT	6UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
GRS	0703	0221900305900036WA9002L606	010	11DCE 2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
GRS	0703	0221900305900036WA9002L606	010	11DCLE2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
GRS	0703	0221900305900036WA9002L606	010	T12DCE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN
GRS	0703	0221900305900036WA9002L606	010	CHCL3 2JLT	6UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
GRS	0703	0221900305900036WA9002L606	010	12DCLE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN
GRS	0703	0221900305900036WA9002L606	010	MEK 2JLT	12UGKG	1.0000MSJBD	02-BUTANONE	0624HN
GRS	0703	0221900305900036WA9002L606	010	111TCE2JLT	6UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANO	0624HN
GRS	0703	0221900305900036WA9002L606	010	CCL4 2JLT	6UGKG	1.0000MSJBD	0CARBON TETRACHLORIDEO	0624HN
GRS	0703	0221900305900036WA9002L606	010	VINYLA2JLT	12UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN
GRS	0703	0221900305900036WA9002L606	010	BRDCLM2JLT	6UGKG	1.0000MSJBD	0BROMODICHLOROMETHANEO	0624HN

GRS	0703	0221900305900036WA9002L606	010	12DCLP2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	O624HN
GRS	0703	0221900305900036WA9002L606	010	13DCPC2JLT	6UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	O624HN
GRS	0703	0221900305900036WA9002L606	010	TRCLE 2JLT	6UGKG	1.0000MSJBD	0TRICHLOROETHENE	O624HN
GRS	0703	0221900305900036WA9002L606	010	DBRCLM2JLT	6UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANEO	O624HN
GRS	0703	0221900305900036WA9002L606	010	112TCE2JLT	6UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO	O624HN
GRS	0703	0221900305900036WA9002L606	010	C6H6 2JLT	6UGKG	1.0000MSJBD	0BENZENE	O624HN
GRS	0703	0221900305900036WA9002L606	010	T13DCP2JLT	6UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	O624HN
GRS	0703	0221900305900036WA9002L606	010	CHBR3 2JLT	6UGKG	1.0000MSJBD	0BROMOFORM	O624HN
GRS	0703	0221900305900036WA9002L606	010	4ME2PE2JLT	12UGKG	1.0000MSJBD	04-METHYL-2-PENTANONEO	O624HN
GRS	0703	0221900305900036WA9002L606	010	2HXONE2JLT	12UGKG	1.0000MSJBD	02-HEXANONE	O624HN
GRS	0703	0221900305900036WA9002L606	010	TCLEE 2JLT	6UGKG	1.0000MSJBD	0TETRACHLOROETHENE	O624HN
GRS	0703	0221900305900036WA9002L606	010	TCLEA 2JLT	6UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	O624HN
GRS	0703	0221900305900036WA9002L606	010	MEC6H52JLT	6UGKG	1.0000MSJBD	0TOLUENE	O624HN
GRS	0703	0221900305900036WA9002L606	010	CLC6H52JLT	6UGKG	1.0000MSJBD	0CHLOROBENZENE	O624HN
GRS	0703	0221900305900036WA9002L606	010	ETC6H52JLT	6UGKG	1.0000MSJBD	0ETHYLBENZENE	O624HN
GRS	0703	0221900305900036WA9002L606	010	STYR 2JLT	6UGKG	1.0000MSJBD	0STYRENE	O624HN
GRS	0703	0221900305900036WA9002L606	010	XYLEN 2J	4UGKG	1.0000MSJBD	0XYLENE (TOTAL)	O624HN
GRS	0703	0221900309900326WA9002L606	010	NBD5 1X	65PER	1.0000MSDAR	1887.388NITROBENZENE-D5	O625HN
GRS	0703	0221900309900326WA9002L606	010	2FBP 1X	76PER	1.0000MSDAR	1887.3882-FLUOROBIPHENYL	O625HN
GRS	0703	0221900309900326WA9002L606	010	PTERP 1X	94PER	1.0000MSDAR	1887.388P-TERPHENYL-D14	O625HN
GRS	0703	0221900309900326WA9002L606	010	PHEND51X	80PER	1.0000MSDAR	3774.776PHENOL-D5	O625HN
GRS	0703	0221900309900326WA9002L606	010	2FP 1X	82PER	1.0000MSDAR	3774.7762-FLUOROPHENOL	O625HN
GRS	0703	0221900309900326WA9002L606	010	246TBP1X	65PER	1.0000MSDAR	3774.7762,4,6-TRIBROMOPHENOLO	O625HN
GRS	0703	0221900309900326WA9002L606	010	PHENOL1XLT	420UGKG	1.0000MSDAR	0PHENOL	O625HN
GRS	0703	0221900309900326WA9002L606	010	B2CEE 1XLT	420UGKG	1.0000MSDAR	0BIS (2-CHLOROETHYL) ETO	O625HN
GRS	0703	0221900309900326WA9002L606	010	2CLP 1XLT	420UGKG	1.0000MSDAR	02-CHLOROPHENOL	O625HN
GRS	0703	0221900309900326WA9002L606	010	13DCLB1XLT	420UGKG	1.0000MSDAR	01,3-DICHLOROBENZENE	O625HN
GRS	0703	0221900309900326WA9002L606	010	14DCLB1XLT	420UGKG	1.0000MSDAR	01,4-DICHLOROBENZENE	O625HN
GRS	0703	0221900309900326WA9002L606	010	BZALC 1XLT	420UGKG	1.0000MSDAR	0BENZYL ALCOHOL	O625HN
GRS	0703	0221900309900326WA9002L606	010	12DCLB1XLT	420UGKG	1.0000MSDAR	01,2-DICHLOROBENZENE	O625HN
GRS	0703	0221900309900326WA9002L606	010	2MP 1XLT	420UGKG	1.0000MSDAR	02-METHYLPHENOL	O625HN
GRS	0703	0221900309900326WA9002L606	010	B2CIPE1XLT	420UGKG	1.0000MSDAR	0BIS (2-CHLOROISOPROPYO	O625HN
GRS	0703	0221900309900326WA9002L606	010	4MP 1XLT	420UGKG	1.0000MSDAR	04-METHYLPHENOL	O625HN
GRS	0703	0221900309900326WA9002L606	010	NDNPA 1XLT	420UGKG	1.0000MSDAR	0N-NITROSO-DI-N-PROPYO	O625HN
GRS	0703	0221900309900326WA9002L606	010	CL6ET 1XLT	420UGKG	1.0000MSDAR	0HEXACHLOROETHANE	O625HN
GRS	0703	0221900309900326WA9002L606	010	NB 1XLT	420UGKG	1.0000MSDAR	0NITROBENZENE	O625HN
GRS	0703	0221900309900326WA9002L606	010	ISOPHR1XLT	420UGKG	1.0000MSDAR	0ISOPHORONE	O625HN
GRS	0703	0221900309900326WA9002L606	010	2NP 1XLT	420UGKG	1.0000MSDAR	02-NITROPHENOL	O625HN
GRS	0703	0221900309900326WA9002L606	010	24DMPN1XLT	420UGKG	1.0000MSDAR	02,4-DIMETHYLPHENOL	O625HN
GRS	0703	0221900309900326WA9002L606	010	BENZO1XLT	2100UGKG	1.0000MSDAR	0BENZOIC ACID	O625HN
GRS	0703	0221900309900326WA9002L606	010	B2CEXM1XLT	420UGKG	1.0000MSDAR	0BIS (2-CHLOROETHOXY) MO	O625HN
GRS	0703	0221900309900326WA9002L606	010	24DCLP1XLT	420UGKG	1.0000MSDAR	02,4-DICHLOROPHENOL	O625HN
GRS	0703	0221900309900326WA9002L606	010	124TCB1XLT	420UGKG	1.0000MSDAR	01,2,4-TRICHLOROBENZEO	O625HN
GRS	0703	0221900309900326WA9002L606	010	NAP 1XLT	420UGKG	1.0000MSDAR	0NAPHTHALENE	O625HN
GRS	0703	0221900309900326WA9002L606	010	4CANIL1XLT	420UGKG	1.0000MSDAR	04-CHLOROANILINE	O625HN
GRS	0703	0221900309900326WA9002L606	010	HCBD 1XLT	420UGKG	1.0000MSDAR	0HEXACHLOROBUTADIENE	O625HN
GRS	0703	0221900309900326WA9002L606	010	4CL3C 1XLT	420UGKG	1.0000MSDAR	04-CHLORO-3-METHYLPHEO	O625HN
GRS	0703	0221900309900326WA9002L606	010	2MENAP1XLT	420UGKG	1.0000MSDAR	02-METHYLNAPHTHALENE	O625HN

GRS	07	0221900309900326WA9002L606	010	CL6CP 1XLT	420UGKG	1.0000MSDAR	0HEXACHLOROCYCLOPENTAO625HN
GRS	0703	0221900309900326WA9002L606	010	246TCP1XLT	420UGKG	1.0000MSDAR	02, 4, 6-TRICHLOROPHENOO625HN
GRS	0703	0221900309900326WA9002L606	010	245TCP1XLT	2100UGKG	1.0000MSDAR	02, 4, 5-TRICHLOROPHENOO625HN
GRS	0703	0221900309900326WA9002L606	010	2CNAP 1XLT	420UGKG	1.0000MSDAR	02-CHLORONAPHTHALENE 0625HN
GRS	0703	0221900309900326WA9002L606	010	2NANIL1XLT	2100UGKG	1.0000MSDAR	02-NITROANILINE 0625HN
GRS	0703	0221900309900326WA9002L606	010	DMP 1XLT	420UGKG	1.0000MSDAR	0DIMETHYLPHTHALATE 0625HN
GRS	0703	0221900309900326WA9002L606	010	ANAPYL1XLT	420UGKG	1.0000MSDAR	0ACENAPHTHYLENE 0625HN
GRS	0703	0221900309900326WA9002L606	010	26DNT 1XLT	420UGKG	1.0000MSDAR	02, 6-DINITROTOLUENE 0625HN
GRS	0703	0221900309900326WA9002L606	010	3NANIL1XLT	2100UGKG	1.0000MSDAR	03-NITROANILINE 0625HN
GRS	0703	0221900309900326WA9002L606	010	ANAPNE1XLT	420UGKG	1.0000MSDAR	0ACENAPHTHENE 0625HN
GRS	0703	0221900309900326WA9002L606	010	24DNP 1XLT	2100UGKG	1.0000MSDAR	02, 4-DINITROPHENOL 0625HN
GRS	0703	0221900309900326WA9002L606	010	4NP 1XLT	2100UGKG	1.0000MSDAR	04-NITROPHENOL 0625HN
GRS	0703	0221900309900326WA9002L606	010	DIBZFUIXLT	420UGKG	1.0000MSDAR	0DIBENZOFURAN 0625HN
GRS	0703	0221900309900326WA9002L606	010	24DNT 1XLT	420UGKG	1.0000MSDAR	02, 4-DINITROTOLUENE 0625HN
GRS	0703	0221900309900326WA9002L606	010	DEP 1XLT	420UGKG	1.0000MSDAR	0DIETHYLPHTHALATE 0625HN
GRS	0703	0221900309900326WA9002L606	010	4CLPPE1XLT	420UGKG	1.0000MSDAR	04-CHLOROPHENYL-PHENYO625HN
GRS	0703	0221900309900326WA9002L606	010	FLRENE1XLT	420UGKG	1.0000MSDAR	0FLUORENE 0625HN
GRS	0703	0221900309900326WA9002L606	010	4NANIL1XLT	2100UGKG	1.0000MSDAR	04-NITROANILINE 0625HN
GRS	0703	0221900309900326WA9002L606	010	46DN2C1XLT	2100UGKG	1.0000MSDAR	04, 6-DINITRO-2-METHYLO625HN
GRS	0703	0221900309900326WA9002L606	010	NNDPA 1XLT	420UGKG	1.0000MSDAR	0N-NITROSODIPHENYLAMIO625HN
GRS	0703	0221900309900326WA9002L606	010	4BRPPE1XLT	420UGKG	1.0000MSDAR	04-BROMOPHENYL-PHENYLO625HN
GRS	0703	0221900309900326WA9002L606	010	CL6BZ 1XLT	420UGKG	1.0000MSDAR	0HEXACHLOROBENZENE 0625HN
GRS	0703	0221900309900326WA9002L606	010	PCP 1XLT	2100UGKG	1.0000MSDAR	0PENTACHLOROPHENOL 0625HN
GRS	0703	0221900309900326WA9002L606	010	PHANTRI1XLT	420UGKG	1.0000MSDAR	0PHENANTHRENE 0625HN
GRS	0703	0221900309900326WA9002L606	010	ANTRC 1XLT	420UGKG	1.0000MSDAR	0ANTHRACENE 0625HN
GRS	0703	0221900309900326WA9002L606	010	DNBP 1XLT	420UGKG	1.0000MSDAR	0DI-N-BUTYLPHTHALATE 0625HN
GRS	0703	0221900309900326WA9002L606	010	FANT 1XLT	420UGKG	1.0000MSDAR	0FLUORANTHENE 0625HN
GRS	0703	0221900309900326WA9002L606	010	PYR 1XLT	420UGKG	1.0000MSDAR	0PYRENE 0625HN
GRS	0703	0221900309900326WA9002L606	010	BBZP 1XLT	420UGKG	1.0000MSDAR	0BUTYLBENZYLPHTHALATEO625HN
GRS	0703	0221900309900326WA9002L606	010	33CL2B1XLT	840UGKG	1.0000MSDAR	03, 3'-DICHLOROBENZIDIO625HN
GRS	0703	0221900309900326WA9002L606	010	BAANTRI1XLT	420UGKG	1.0000MSDAR	0BENZO (A) ANTHRACENE 0625HN
GRS	0703	0221900309900326WA9002L606	010	CHRY 1XLT	420UGKG	1.0000MSDAR	0CHRYSENE 0625HN
GRS	0703	0221900309900326WA9002L606	010	B2EHP 1X	4200UGKG	1.0000MSDAR	0BIS (2-ETHYLHEXYL) PHTO625HN
GRS	0703	0221900309900326WA9002L606	010	DNOP 1XLT	420UGKG	1.0000MSDAR	0DI-N-OCTYL PHTHALATEO625HN
GRS	0703	0221900309900326WA9002L606	010	BF2ANTI1XLT	420UGKG	1.0000MSDAR	0BENZO (B) FLUORANTHENE0625HN
GRS	0703	0221900309900326WA9002L606	010	BKFANTI1XLT	420UGKG	1.0000MSDAR	0BENZO (K) FLUORANTHENE0625HN
GRS	0703	0221900309900326WA9002L606	010	BAPYR 1XLT	420UGKG	1.0000MSDAR	0BENZO (A) PYRENE 0625HN
GRS	0703	0221900309900326WA9002L606	010	ICDPYRI1XLT	420UGKG	1.0000MSDAR	0INDENO (1, 2, 3-CD) PYREO625HN
GRS	0703	0221900309900326WA9002L606	010	DBAHA 1XLT	420UGKG	1.0000MSDAR	0DIBENZO (A, H) ANTHRACEO625HN
GRS	0703	0221900309900326WA9002L606	010	BGHIPI1XLT	420UGKG	1.0000MSDAR	0BENZO (G, H, I) PERYLENEO625HN
GRS	0801	0221900308900039WA9002L606	011		82.8%	10 JH	0% SOLIDS I% SOLN
GRS	0801	0221900308900039WA9002L606	011R		82.9%	10 JH	0% SOLIDS (REP) I% SOLR
GRS	0801	0221900416901200WA9002L606	011	ALPHAG9W	22.0PCIG	10EBUNK	0GROSS ALPHA IALPHN
GRS	0801	0221900416901200WA9002L606	011	BETAG 9W	10.0PCIG	10EBUNK	0NONVOLATILE BETA IBETAN
GRS	0801	0221900315900002WA9002L606	011	CEC EX	7.7MEQ1	10NADKS	0CATION EXCHANGE CAPAICEC N
GRS	0801	0221900312900002WA9002L606	011	CECB EX	0.92MEQ1	10NAALM	0EXCHANGEABLE BASES ICECBN
GRS	0801	0221900308900002WA9002L606	011	CECT EX	6.8MEQ1	10NAJS	0EXCHANGEABLE ACIDS ICTCTN
GRS	0801	0221900302900002WA9002L606	011	TOC 9I	873MGKG	10DODKS	0TOTAL ORGANIC CARBONIOCT N

GRS	0801	0221900308900042WA9002L606	011	PH	9R	7.9PH U	10PHJH	0PH	IPH N
GRS	0802	0221900308900039WA9002L606	012			91.8%	10 JH	0% SOLIDS	I% SOLN
GRS	0802	0221900315900002WA9002L606	012	CEC	EX	5.5MEQ1	10NADKS	0CATION EXCHANGE CAPA	ICEC N
GRS	0802	0221900312900002WA9002L606	012	CECB	EX	0.51MEQ1	10NAALM	0EXCHANGEABLE BASES	ICECBN
GRS	0802	0221900308900002WA9002L606	012	CECT	EX	5.0MEQ1	10NAJS	0EXCHANGEABLE ACIDS	ICECTN
GRS	0802	0221900302900002WA9002L606	012	TOC	9I	454MGKG	10DODKS	0TOTAL ORGANIC CARBON	IOCT N
GRS	0802	0221900308900042WA9002L606	012	PH	9R	4.8PH U	10PHJH	0PH	IPH N
GRS	0802	0221900301900033WA9002L606	012	MEC6D82J		108PER	1.0000MSJBD	58.000TOLUENE-D8	0624HN
GRS	0802	0221900301900033WA9002L606	012	PBFB	2J	111PER	1.0000MSJBD	58.000BROMOFLUOROBENZENE	0624HN
GRS	0802	0221900301900033WA9002L606	012	12DCD42J		100PER	1.0000MSJBD	58.0001,2-DICHLOROETHANE-DO	0624HN
GRS	0802	0221900301900033WA9002L606	012	CH3CL	2JLT	12UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
GRS	0802	0221900301900033WA9002L606	012	CH3BR	2JLT	12UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
GRS	0802	0221900301900033WA9002L606	012	C2H3CL2	2JLT	12UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
GRS	0802	0221900301900033WA9002L606	012	C2H5CL2	2JLT	12UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
GRS	0802	0221900301900033WA9002L606	012	CH2CL2	2JB	13UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
GRS	0802	0221900301900033WA9002L606	012	ACET	2JB	49UGKG	1.0000MSJBD	0ACETONE	0624HN
GRS	0802	0221900301900033WA9002L606	012	CS2	2JLT	6UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
GRS	0802	0221900301900033WA9002L606	012	11DCE	2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
GRS	0802	0221900301900033WA9002L606	012	11DCE2	2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
GRS	0802	0221900301900033WA9002L606	012	T12DCE2	2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN
GRS	0802	0221900301900033WA9002L606	012	CHCL3	2JLT	6UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
GRS	0802	0221900301900033WA9002L606	012	12DCLE2	2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN
GRS	0802	0221900301900033WA9002L606	012	MEK	2JLT	12UGKG	1.0000MSJBD	02-BUTANONE	0624HN
GRS	0802	0221900301900033WA9002L606	012	111TCE2	2JLT	6UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANO	0624HN
GRS	0802	0221900301900033WA9002L606	012	CCL4	2JLT	6UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HN
GRS	0802	0221900301900033WA9002L606	012	VINYLA2	2JLT	12UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN
GRS	0802	0221900301900033WA9002L606	012	BRDCLM2	2JLT	6UGKG	1.0000MSJBD	0BROMODICHLOROMETHANE	0624HN
GRS	0802	0221900301900033WA9002L606	012	12DCLP2	2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN
GRS	0802	0221900301900033WA9002L606	012	13DCPC2	2JLT	6UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	0624HN
GRS	0802	0221900301900033WA9002L606	012	TRCLE	2JLT	6UGKG	1.0000MSJBD	0TRICHLOROETHENE	0624HN
GRS	0802	0221900301900033WA9002L606	012	DBRCLM2	2JLT	6UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANE	0624HN
GRS	0802	0221900301900033WA9002L606	012	112TCE2	2JLT	6UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO	0624HN
GRS	0802	0221900301900033WA9002L606	012	C6H6	2JLT	6UGKG	1.0000MSJBD	0BENZENE	0624HN
GRS	0802	0221900301900033WA9002L606	012	T13DCP2	2JLT	6UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	0624HN
GRS	0802	0221900301900033WA9002L606	012	CHBR3	2JLT	6UGKG	1.0000MSJBD	0BROMOFORM	0624HN
GRS	0802	0221900301900033WA9002L606	012	4ME2PE2	2JLT	12UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	0624HN
GRS	0802	0221900301900033WA9002L606	012	2HXONE2	2JLT	12UGKG	1.0000MSJBD	02-HEXANONE	0624HN
GRS	0802	0221900301900033WA9002L606	012	TCLEE	2JLT	6UGKG	1.0000MSJBD	0TETRACHLOROETHENE	0624HN
GRS	0802	0221900301900033WA9002L606	012	TCLEA	2JLT	6UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	0624HN
GRS	0802	0221900301900033WA9002L606	012	MEC6H52	2JLT	6UGKG	1.0000MSJBD	0TOLUENE	0624HN
GRS	0802	0221900301900033WA9002L606	012	CLC6H52	2JLT	6UGKG	1.0000MSJBD	0CHLOROBENZENE	0624HN
GRS	0802	0221900301900033WA9002L606	012	ETC6H52	2JLT	6UGKG	1.0000MSJBD	0ETHYLBENZENE	0624HN
GRS	0802	0221900301900033WA9002L606	012	STYR	2JLT	6UGKG	1.0000MSJBD	0STYRENE	0624HN
GRS	0802	0221900301900033WA9002L606	012	XYLEN	2JLT	6UGKG	1.0000MSJBD	0XYLENE (TOTAL)	0624HN
GRS	0802	0221900309900326WA9002L606	012	NBD5	1X	65PER	1.0000MSDAR	1869.370NITROBENZENE-D5	0625HN
GRS	0802	0221900309900326WA9002L606	012	2FBP	1X	77PER	1.0000MSDAR	1869.3702-FLUOROBIPHENYL	0625HN
GRS	0802	0221900309900326WA9002L606	012	PTERP	1X	94PER	1.0000MSDAR	1869.370P-TERPHENYL-D14	0625HN
GRS	0802	0221900309900326WA9002L606	012	PHEND51X		80PER	1.0000MSDAR	3738.740PHENOL-D5	0625HN

GRS	0802	0221900309900326WA9002L606	012	2FP 1X	81PER	1.0000MSDAR	3738.7402-FLUOROPHENOL	O625HN
GRS	0802	0221900309900326WA9002L606	012	246TBP1X	75PER	1.0000MSDAR	3738.7402, 4, 6-TRIBROMOPHENOL	O625HN
GRS	0802	0221900309900326WA9002L606	012	PHENOL1XLT	420UGKG	1.0000MSDAR	OPHENOL	O625HN
GRS	0802	0221900309900326WA9002L606	012	B2CEE 1XLT	420UGKG	1.0000MSDAR	OBIS (2-CHLOROETHYL) ETO	O625HN
GRS	0802	0221900309900326WA9002L606	012	2CLP 1XLT	420UGKG	1.0000MSDAR	O2-CHLOROPHENOL	O625HN
GRS	0802	0221900309900326WA9002L606	012	13DCLB1XLT	420UGKG	1.0000MSDAR	01, 3-DICHLOROBENZENE	O625HN
GRS	0802	0221900309900326WA9002L606	012	14DCLB1XLT	420UGKG	1.0000MSDAR	01, 4-DICHLOROBENZENE	O625HN
GRS	0802	0221900309900326WA9002L606	012	BZALC 1XLT	420UGKG	1.0000MSDAR	OBENZYL ALCOHOL	O625HN
GRS	0802	0221900309900326WA9002L606	012	12DCLB1XLT	420UGKG	1.0000MSDAR	01, 2-DICHLOROBENZENE	O625HN
GRS	0802	0221900309900326WA9002L606	012	2MP 1XLT	420UGKG	1.0000MSDAR	O2-METHYLPHENOL	O625HN
GRS	0802	0221900309900326WA9002L606	012	B2CIPE1XLT	420UGKG	1.0000MSDAR	OBIS (2-CHLOROISOPROPYLO	O625HN
GRS	0802	0221900309900326WA9002L606	012	4MP 1XLT	420UGKG	1.0000MSDAR	O4-METHYLPHENOL	O625HN
GRS	0802	0221900309900326WA9002L606	012	NDNPA 1XLT	420UGKG	1.0000MSDAR	ON-NITROSO-DI-N-PROPYLO	O625HN
GRS	0802	0221900309900326WA9002L606	012	CL6ET 1XLT	420UGKG	1.0000MSDAR	OHEXACHLOROETHANE	O625HN
GRS	0802	0221900309900326WA9002L606	012	NB 1XLT	420UGKG	1.0000MSDAR	ONITROBENZENE	O625HN
GRS	0802	0221900309900326WA9002L606	012	ISOPHR1XLT	420UGKG	1.0000MSDAR	OISOPHORONE	O625HN
GRS	0802	0221900309900326WA9002L606	012	2NP 1XLT	420UGKG	1.0000MSDAR	O2-NITROPHENOL	O625HN
GRS	0802	0221900309900326WA9002L606	012	24DMPN1XLT	420UGKG	1.0000MSDAR	O2, 4-DIMETHYLPHENOL	O625HN
GRS	0802	0221900309900326WA9002L606	012	BENZOALXLT	2100UGKG	1.0000MSDAR	OBENZOIC ACID	O625HN
GRS	0802	0221900309900326WA9002L606	012	B2CEXM1XLT	420UGKG	1.0000MSDAR	OBIS (2-CHLOROETHOXY) MO	O625HN
GRS	0802	0221900309900326WA9002L606	012	24DCLP1XLT	420UGKG	1.0000MSDAR	O2, 4-DICHLOROPHENOL	O625HN
GRS	0802	0221900309900326WA9002L606	012	124TCB1XLT	420UGKG	1.0000MSDAR	01, 2, 4-TRICHLOROBENZEO	O625HN
GRS	0802	0221900309900326WA9002L606	012	NAP 1XLT	420UGKG	1.0000MSDAR	ONAPHTHALENE	O625HN
GRS	0802	0221900309900326WA9002L606	012	4CANIL1XLT	420UGKG	1.0000MSDAR	O4-CHLOROANILINE	O625HN
GRS	0802	0221900309900326WA9002L606	012	HCBD 1XLT	420UGKG	1.0000MSDAR	OHEXACHLOROBUTADIENE	O625HN
GRS	0802	0221900309900326WA9002L606	012	4CL3C 1XLT	420UGKG	1.0000MSDAR	O4-CHLORO-3-METHYLPHEO	O625HN
GRS	0802	0221900309900326WA9002L606	012	2MENAP1XLT	420UGKG	1.0000MSDAR	O2-METHYLNAPHTHALENE	O625HN
GRS	0802	0221900309900326WA9002L606	012	CL6CP 1XLT	420UGKG	1.0000MSDAR	OHEXACHLOROCYCLOPENTAO	O625HN
GRS	0802	0221900309900326WA9002L606	012	246TCP1XLT	420UGKG	1.0000MSDAR	O2, 4, 6-TRICHLOROPHENOO	O625HN
GRS	0802	0221900309900326WA9002L606	012	245TCP1XLT	2100UGKG	1.0000MSDAR	O2, 4, 5-TRICHLOROPHENOO	O625HN
GRS	0802	0221900309900326WA9002L606	012	2CNAP 1XLT	420UGKG	1.0000MSDAR	O2-CHLORONAPHTHALENE	O625HN
GRS	0802	0221900309900326WA9002L606	012	2NANIL1XLT	2100UGKG	1.0000MSDAR	O2-NITROANILINE	O625HN
GRS	0802	0221900309900326WA9002L606	012	DMP 1XLT	420UGKG	1.0000MSDAR	ODIMETHYLPHTHALATE	O625HN
GRS	0802	0221900309900326WA9002L606	012	ANAPYL1XLT	420UGKG	1.0000MSDAR	OACENAPHTHYLENE	O625HN
GRS	0802	0221900309900326WA9002L606	012	26DNT 1XLT	420UGKG	1.0000MSDAR	O2, 6-DINITROTOLUENE	O625HN
GRS	0802	0221900309900326WA9002L606	012	3NANIL1XLT	2100UGKG	1.0000MSDAR	O3-NITROANILINE	O625HN
GRS	0802	0221900309900326WA9002L606	012	ANAPNE1XLT	420UGKG	1.0000MSDAR	OACENAPHTHENE	O625HN
GRS	0802	0221900309900326WA9002L606	012	24DNP 1XLT	2100UGKG	1.0000MSDAR	O2, 4-DINITROPHENOL	O625HN
GRS	0802	0221900309900326WA9002L606	012	4NP 1XLT	2100UGKG	1.0000MSDAR	O4-NITROPHENOL	O625HN
GRS	0802	0221900309900326WA9002L606	012	DIBZFU1XLT	420UGKG	1.0000MSDAR	ODIBENZOFURAN	O625HN
GRS	0802	0221900309900326WA9002L606	012	24DNT 1XLT	420UGKG	1.0000MSDAR	O2, 4-DINITROTOLUENE	O625HN
GRS	0802	0221900309900326WA9002L606	012	DEP 1XLT	420UGKG	1.0000MSDAR	ODIETHYLPHTHALATE	O625HN
GRS	0802	0221900309900326WA9002L606	012	4CLPPE1XLT	420UGKG	1.0000MSDAR	O4-CHLOROPHENYL-PHENYO	O625HN
GRS	0802	0221900309900326WA9002L606	012	FLRENE1XLT	420UGKG	1.0000MSDAR	OFLUORENE	O625HN
GRS	0802	0221900309900326WA9002L606	012	4NANIL1XLT	2100UGKG	1.0000MSDAR	O4-NITROANILINE	O625HN
GRS	0802	0221900309900326WA9002L606	012	46DN2C1XLT	2100UGKG	1.0000MSDAR	O4, 6-DINITRO-2-METHYLO	O625HN
GRS	0802	0221900309900326WA9002L606	012	NNDPA 1XLT	420UGKG	1.0000MSDAR	ON-NITROSODIPHENYLAMIO	O625HN
GRS	0802	0221900309900326WA9002L606	012	4BRPPE1XLT	420UGKG	1.0000MSDAR	O4-BROMOPHENYL-PHENYLO	O625HN

GRS	0802	0221900309900326WA9002L606	012	CL6BZ	1XLT	420UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	PCP	1XLT	2100UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	PHANTR	1XLT	420UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	ANTRC	1XLT	420UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	DNBP	1XLT	420UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	FANT	1XLT	420UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	PYR	1XLT	420UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	BBZP	1XLT	420UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	33CL2B	1XLT	830UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	BAANTR	1XLT	420UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	CHRY	1XLT	420UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	B2EHP	1X	6800UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	DNOP	1XLT	420UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	BF2ANT	1XLT	420UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	BKFANT	1XLT	420UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	BAPYR	1XLT	420UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	ICDPYR	1XLT	420UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	DBAHA	1XLT	420UGKG	1.0000MSDAR
GRS	0802	0221900309900326WA9002L606	012	BGHIPY	1XLT	420UGKG	1.0000MSDAR
GRS	0803	0221900308900039WA9002L606	013			91.8%	10 JH
GRS	0803	0221900315900002WA9002L606	013	CEC	EX	3.4MEQ1	10NADKS
GRS	0803	0221900312900002WA9002L606	013	CECB	EX	0.23MEQ1	10NAALM
GRS	0803	0221900308900002WA9002L606	013	CECT	EX	3.2MEQ1	10NAJS
GRS	0803	0221900302900002WA9002L606	013	TOC	9I	292MGKG	10DODKS
GRS	0803	0221900308900042WA9002L606	013	PH	9R	5.0PH U	10PHJH
GRS	0803	0221900302900033WA9002L606	013	MEC6D8	2J	102PER	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	PBFB	2J	108PER	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	12DCD4	2J	102PER	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	CH3CL	2JLT	11UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	CH3BR	2JLT	11UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	C2H3CL2	2JLT	11UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	C2H5CL2	2JLT	11UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	CH2CL2	2JB	15UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	ACET	2JB	61UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	CS2	2JLT	6UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	11DCE	2JLT	6UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	11DCLE	2JLT	6UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	T12DCE	2JLT	6UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	CHCL3	2JLT	6UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	12DCLE	2JLT	6UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	MEK	2JLT	11UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	111TCE	2JLT	6UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	CCL4	2JLT	6UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	VINYLA	2JLT	11UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	BRDCLM	2JLT	6UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	12DCLP	2JLT	6UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	13DCPC	2JLT	6UGKG	1.0000MSJBD
GRS	0803	0221900302900033WA9002L606	013	TRCLE	2JLT	6UGKG	1.0000MSJBD

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0HEXACHLORO	BENZENE	0625HN
0PENTACHLORO	PHENOL	0625HN
0PHENANTHRENE		0625HN
0ANTHRACENE		0625HN
0DI-N-BUTYLPH	THALATE	0625HN
0FLUORANTHENE		0625HN
0PYRENE		0625HN
0BUTYLBENZYL	PHTHALATE	0625HN
03,3'-DICHLORO	BENZIDIO	0625HN
0BENZO (A) AN	THRACENE	0625HN
0CHRYSENE		0625HN
0BIS (2-ETHYL	HEXYL) PHT	0625HN
0DI-N-OCTYL	PHTHALATE	0625HN
0BENZO (B) FLU	ORANTHENE	0625HN
0BENZO (K) FLU	ORANTHENE	0625HN
0BENZO (A) PYRENE		0625HN
0INDENO (1,2,3-CD)	PYRENE	0625HN
0DIBENZO (A,H)	ANTHRACE	0625HN
0BENZO (G,H,I)	PERYLENE	0625HN
0% SOLIDS		I% SOLN
0CATION EXCH	ANGE CAPA	ICEC N
0EXCHANGEABLE	BASES	ICECBN
0EXCHANGEABLE	ACIDS	ICECTN
0TOTAL ORGANIC	CARBONIO	CT N
0PH		IPH N
56.000TOLUENE	-D8	0624HN
56.000BROMOFLU	OROBENZENE	0624HN
56.0001,2-DICHLORO	ETHANE-D	0624HN
0CHLOROMETHANE		0624HN
0BROMOMETHANE		0624HN
0VINYL CHLORIDE		0624HN
0CHLOROETHANE		0624HN
0METHYLENE CHLORIDE		0624HN
0ACETONE		0624HN
0CARBON DISULFIDE		0624HN
01,1-DICHLOROETHENE		0624HN
01,1-DICHLOROETHANE		0624HN
01,2-DICHLOROETHENE		0624HN
0CHLOROFORM		0624HN
01,2-DICHLOROETHANE		0624HN
02-BUTANONE		0624HN
01,1,1-TRICHLOROETHANE		0624HN
0CARBON TETRACHLORIDE		0624HN
0VINYL ACETATE		0624HN
0BROMODICHLOROMETHANE		0624HN
01,2-DICHLOROPROPANE		0624HN
0CIS-1,3-DICHLOROPROP		0624HN
0TRICHLOROETHENE		0624HN

GRS	08\	J221900302900033WA9002L606	013	DBRCLM2JLT	JUGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANEO624HN
GRS	0803	0221900302900033WA9002L606	013	112TCE2JLT	6UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO624HN
GRS	0803	0221900302900033WA9002L606	013	C6H6 2JLT	6UGKG	1.0000MSJBD	0BENZENE O624HN
GRS	0803	0221900302900033WA9002L606	013	T13DCP2JLT	6UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO624HN
GRS	0803	0221900302900033WA9002L606	013	CHBR3 2JLT	6UGKG	1.0000MSJBD	0BROMOFORM O624HN
GRS	0803	0221900302900033WA9002L606	013	4ME2PE2JLT	11UGKG	1.0000MSJBD	04-METHYL-2-PENTANONEO624HN
GRS	0803	0221900302900033WA9002L606	013	2HXONE2JLT	11UGKG	1.0000MSJBD	02-HEXANONE O624HN
GRS	0803	0221900302900033WA9002L606	013	TCLEE 2JLT	6UGKG	1.0000MSJBD	0TETRACHLOROETHENE O624HN
GRS	0803	0221900302900033WA9002L606	013	TCLEA 2JLT	6UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO624HN
GRS	0803	0221900302900033WA9002L606	013	MEC6H52JLT	6UGKG	1.0000MSJBD	0TOLUENE O624HN
GRS	0803	0221900302900033WA9002L606	013	CLC6H52JLT	6UGKG	1.0000MSJBD	0CHLOROBENZENE O624HN
GRS	0803	0221900302900033WA9002L606	013	ETC6H52JLT	6UGKG	1.0000MSJBD	0ETHYLBENZENE O624HN
GRS	0803	0221900302900033WA9002L606	013	STYR 2JLT	6UGKG	1.0000MSJBD	0STYRENE O624HN
GRS	0803	0221900302900033WA9002L606	013	XYLEN 2JLT	6UGKG	1.0000MSJBD	0XYLENE (TOTAL) O624HN
GRS	0803	0221900309900326WA9002L606	013	NBD5 1X	69PER	1.0000MSDAR	1873.875NITROBENZENE-D5 O625HN
GRS	0803	0221900309900326WA9002L606	013	2FBP 1X	85PER	1.0000MSDAR	1873.8752-FLUOROBIPHENYL O625HN
GRS	0803	0221900309900326WA9002L606	013	PTERP 1X	102PER	1.0000MSDAR	1873.875P-TERPHENYL-D14 O625HN
GRS	0803	0221900309900326WA9002L606	013	PHEND51X	80PER	1.0000MSDAR	3747.749PHENOL-D5 O625HN
GRS	0803	0221900309900326WA9002L606	013	2FP 1X	69PER	1.0000MSDAR	3747.7492-FLUOROPHENOL O625HN
GRS	0803	0221900309900326WA9002L606	013	246TBP1X	47PER	1.0000MSDAR	3747.7492,4,6-TRIBROMOPHENOLO625HN
GRS	0803	0221900309900326WA9002L606	013	PHENOL1XLT	420UGKG	1.0000MSDAR	0PHENOL O625HN
GRS	0803	0221900309900326WA9002L606	013	B2CEE 1XLT	420UGKG	1.0000MSDAR	0BIS (2-CHLOROETHYL) ETO625HN
GRS	0803	0221900309900326WA9002L606	013	2CLP 1XLT	420UGKG	1.0000MSDAR	02-CHLOROPHENOL O625HN
GRS	0803	0221900309900326WA9002L606	013	13DCLB1XLT	420UGKG	1.0000MSDAR	01,3-DICHLOROBENZENE O625HN
GRS	0803	0221900309900326WA9002L606	013	14DCLB1XLT	420UGKG	1.0000MSDAR	01,4-DICHLOROBENZENE O625HN
GRS	0803	0221900309900326WA9002L606	013	BZALC 1XLT	420UGKG	1.0000MSDAR	0BENZYL ALCOHOL O625HN
GRS	0803	0221900309900326WA9002L606	013	12DCLB1XLT	420UGKG	1.0000MSDAR	01,2-DICHLOROBENZENE O625HN
GRS	0803	0221900309900326WA9002L606	013	2MP 1XLT	420UGKG	1.0000MSDAR	02-METHYLPHENOL O625HN
GRS	0803	0221900309900326WA9002L606	013	B2CIPE1XLT	420UGKG	1.0000MSDAR	0BIS (2-CHLOROISOPROPYO625HN
GRS	0803	0221900309900326WA9002L606	013	4MP 1XLT	420UGKG	1.0000MSDAR	04-METHYLPHENOL O625HN
GRS	0803	0221900309900326WA9002L606	013	NDNPA 1XLT	420UGKG	1.0000MSDAR	0N-NITROSO-DI-N-PROPYO625HN
GRS	0803	0221900309900326WA9002L606	013	CL6ET 1XLT	420UGKG	1.0000MSDAR	0HEXACHLOROETHANE O625HN
GRS	0803	0221900309900326WA9002L606	013	NB 1XLT	420UGKG	1.0000MSDAR	0NITROBENZENE O625HN
GRS	0803	0221900309900326WA9002L606	013	ISOPHR1XLT	420UGKG	1.0000MSDAR	0ISOPHORONE O625HN
GRS	0803	0221900309900326WA9002L606	013	2NP 1XLT	420UGKG	1.0000MSDAR	02-NITROPHENOL O625HN
GRS	0803	0221900309900326WA9002L606	013	24DMPN1XLT	420UGKG	1.0000MSDAR	02,4-DIMETHYLPHENOL O625HN
GRS	0803	0221900309900326WA9002L606	013	BENZOA1XLT	2100UGKG	1.0000MSDAR	0BENZOIC ACID O625HN
GRS	0803	0221900309900326WA9002L606	013	B2CEXM1XLT	420UGKG	1.0000MSDAR	0BIS (2-CHLOROETHOXY) MO625HN
GRS	0803	0221900309900326WA9002L606	013	24DCLP1XLT	420UGKG	1.0000MSDAR	02,4-DICHLOROPHENOL O625HN
GRS	0803	0221900309900326WA9002L606	013	124TCB1XLT	420UGKG	1.0000MSDAR	01,2,4-TRICHLOROBENZEO625HN
GRS	0803	0221900309900326WA9002L606	013	NAP 1XLT	420UGKG	1.0000MSDAR	0NAPHTHALENE O625HN
GRS	0803	0221900309900326WA9002L606	013	4CANIL1XLT	420UGKG	1.0000MSDAR	04-CHLOROANILINE O625HN
GRS	0803	0221900309900326WA9002L606	013	HCBP 1XLT	420UGKG	1.0000MSDAR	0HEXACHLOROBUTADIENE O625HN
GRS	0803	0221900309900326WA9002L606	013	4CL3C 1XLT	420UGKG	1.0000MSDAR	04-CHLORO-3-METHYLPHEO625HN
GRS	0803	0221900309900326WA9002L606	013	2MENAP1XLT	420UGKG	1.0000MSDAR	02-METHYLNAPHTHALENE O625HN
GRS	0803	0221900309900326WA9002L606	013	CL6CP 1XLT	420UGKG	1.0000MSDAR	0HEXACHLOROCYCLOPENTAO625HN
GRS	0803	0221900309900326WA9002L606	013	246TCP1XLT	420UGKG	1.0000MSDAR	02,4,6-TRICHLOROPHENOO625HN
GRS	0803	0221900309900326WA9002L606	013	245TCP1XLT	2100UGKG	1.0000MSDAR	02,4,5-TRICHLOROPHENOO625HN

GRS	0803	0221900309900326WA9002L606	013	2CNAP 1XLT	420UGKG	1.0000MSDAR	02-CHLORONAPHTHALENE	O625HN
GRS	0803	0221900309900326WA9002L606	013	2NANIL1XLT	2100UGKG	1.0000MSDAR	02-NITROANILINE	O625HN
GRS	0803	0221900309900326WA9002L606	013	DMP 1XLT	420UGKG	1.0000MSDAR	0DIMETHYLPHTHALATE	O625HN
GRS	0803	0221900309900326WA9002L606	013	ANAPYL1XLT	420UGKG	1.0000MSDAR	0ACENAPHTHYLENE	O625HN
GRS	0803	0221900309900326WA9002L606	013	26DNT 1XLT	420UGKG	1.0000MSDAR	02,6-DINITROTOLUENE	O625HN
GRS	0803	0221900309900326WA9002L606	013	3NANIL1XLT	2100UGKG	1.0000MSDAR	03-NITROANILINE	O625HN
GRS	0803	0221900309900326WA9002L606	013	ANAPNE1XLT	420UGKG	1.0000MSDAR	0ACENAPHTHENE	O625HN
GRS	0803	0221900309900326WA9002L606	013	24DNP 1XLT	2100UGKG	1.0000MSDAR	02,4-DINITROPHENOL	O625HN
GRS	0803	0221900309900326WA9002L606	013	4NP 1XLT	2100UGKG	1.0000MSDAR	04-NITROPHENOL	O625HN
GRS	0803	0221900309900326WA9002L606	013	DIBZFU1XLT	420UGKG	1.0000MSDAR	0DIBENZOFURAN	O625HN
GRS	0803	0221900309900326WA9002L606	013	24DNT 1XLT	420UGKG	1.0000MSDAR	02,4-DINITROTOLUENE	O625HN
GRS	0803	0221900309900326WA9002L606	013	DEP 1XLT	420UGKG	1.0000MSDAR	0DIETHYLPHTHALATE	O625HN
GRS	0803	0221900309900326WA9002L606	013	4CLPPE1XLT	420UGKG	1.0000MSDAR	04-CHLOROPHENYL-PHENYLO	O625HN
GRS	0803	0221900309900326WA9002L606	013	FLRENE1XLT	420UGKG	1.0000MSDAR	0FLUORENE	O625HN
GRS	0803	0221900309900326WA9002L606	013	4NANIL1XLT	2100UGKG	1.0000MSDAR	04-NITROANILINE	O625HN
GRS	0803	0221900309900326WA9002L606	013	46DN2C1XLT	2100UGKG	1.0000MSDAR	04,6-DINITRO-2-METHYLO	O625HN
GRS	0803	0221900309900326WA9002L606	013	NNDPA 1XLT	420UGKG	1.0000MSDAR	0N-NITROSODIPHENYLAMIO	O625HN
GRS	0803	0221900309900326WA9002L606	013	4BRPPE1XLT	420UGKG	1.0000MSDAR	04-BROMOPHENYL-PHENYLO	O625HN
GRS	0803	0221900309900326WA9002L606	013	CL6BZ 1XLT	420UGKG	1.0000MSDAR	0HEXACHLOROBENZENE	O625HN
GRS	0803	0221900309900326WA9002L606	013	PCP 1XLT	2100UGKG	1.0000MSDAR	0PENTACHLOROPHENOL	O625HN
GRS	0803	0221900309900326WA9002L606	013	PHANTR1XLT	420UGKG	1.0000MSDAR	0PHENANTHRENE	O625HN
GRS	0803	0221900309900326WA9002L606	013	ANTRC 1XLT	420UGKG	1.0000MSDAR	0ANTHRACENE	O625HN
GRS	0803	0221900309900326WA9002L606	013	DNBP 1XLT	420UGKG	1.0000MSDAR	0DI-N-BUTYLPHTHALATE	O625HN
GRS	0803	0221900309900326WA9002L606	013	FANT 1XLT	420UGKG	1.0000MSDAR	0FLUORANTHENE	O625HN
GRS	0803	0221900309900326WA9002L606	013	PYR 1XLT	420UGKG	1.0000MSDAR	0PYRENE	O625HN
GRS	0803	0221900309900326WA9002L606	013	BBZP 1XLT	420UGKG	1.0000MSDAR	0BUTYLBENZYLPHTHALATEO	O625HN
GRS	0803	0221900309900326WA9002L606	013	33CL2B1XLT	830UGKG	1.0000MSDAR	03,3'-DICHLOROBNZIDIO	O625HN
GRS	0803	0221900309900326WA9002L606	013	BAANTR1XLT	420UGKG	1.0000MSDAR	0BENZO (A) ANTHRACENE	O625HN
GRS	0803	0221900309900326WA9002L606	013	CHRY 1XLT	420UGKG	1.0000MSDAR	0CHRYSENE	O625HN
GRS	0803	0221900309900326WA9002L606	013	B2EHP 1X	3700UGKG	1.0000MSDAR	0BIS (2-ETHYLHEXYL) PHTO	O625HN
GRS	0803	0221900309900326WA9002L606	013	DNOP 1XLT	420UGKG	1.0000MSDAR	0DI-N-OCTYL PHTHALATEO	O625HN
GRS	0803	0221900309900326WA9002L606	013	BF2ANT1XLT	420UGKG	1.0000MSDAR	0BENZO (B) FLUORANTHENE	O625HN
GRS	0803	0221900309900326WA9002L606	013	BKFANT1XLT	420UGKG	1.0000MSDAR	0BENZO (K) FLUORANTHENE	O625HN
GRS	0803	0221900309900326WA9002L606	013	BAPYR 1XLT	420UGKG	1.0000MSDAR	0BENZO (A) PYRENE	O625HN
GRS	0803	0221900309900326WA9002L606	013	ICDPYR1XLT	420UGKG	1.0000MSDAR	0INDENO (1,2,3-CD) PYREO	O625HN
GRS	0803	0221900309900326WA9002L606	013	DBAHA 1XLT	420UGKG	1.0000MSDAR	0DIBENZO (A,H) ANTHRACEO	O625HN
GRS	0803	0221900309900326WA9002L606	013	BGHIPY1XLT	420UGKG	1.0000MSDAR	0BENZO (G,H,I) PERYLENEO	O625HN
GRS	0803E0221900327901200WA9002L606	014	ALPHAG9W	0.00PCIL2.00	10EBUNK		0GROSS ALPHA	IALPHN
GRS	0803E0221900327901200WA9002L606	014	BETAG 9W	0.00PCIL3.00	10EBUNK		0NONVOLATILE BETA	IBETAN
GRS	0803E0221900323900219WA9002L606	014	AG 2ZLT	10.0UGL	1.00ICALM		0SILVER, TOTAL	MAGTON
GRS	0803E0221900330900218WA9002L606	014	AS 1BLT	10.0UGL	1.00AAAER		0ARSENIC, TOTAL	MASTON
GRS	0803E0221900323900219WA9002L606	014	BA 2ZLT	200UGL	1.00ICALM		0BARIUM, TOTAL	MBATON
GRS	0803E0221900323900219WA9002L606	014	CD 2ZLT	5.0UGL	1.00ICALM		0CADMIUM, TOTAL	MCDTON
GRS	0803E0221900323900219WA9002L606	014	CR 2ZLT	10.0UGL	1.00ICALM		0CHROMIUM, TOTAL	MCRTON
GRS	0803E0221900319900042WA9002L606	014	HGTOT 1DLT	0.20UGL	1.00HGSQ		0MERCURY, TOTAL	MHGTON
GRS	0803E0221900405900218WA9002L606	014	PB 1BLT	3.0UGL	1.00AACMT		0LEAD, TOTAL	MPBTON
GRS	0803E0221900402900218WA9002L606	014	SE 1BLT	5.0UGL	1.00AASSQ		0SELENIUM, TOTAL	MSETON
GRS	0803E0221900302900035WA9002L606	014	MEC6D82J	110PER	1.0000MSBB		50.000TOLUENE-D8	O624HN

GRS	0803E0221900302900035WA9002L606	014	PBFB 2J	93PER	1.0000MSBB	50.000BROMOFLUOROBENZENE	0624HN
GRS	0803E0221900302900035WA9002L606	014	12DCD42J	98PER	1.0000MSBB	50.0001,2-DICHLOROETHANE-DO	0624HN
GRS	0803E0221900302900035WA9002L606	014	CH3CL 2JLT	10UGL	1.0000MSBB	0CHLOROMETHANE	0624HN
GRS	0803E0221900302900035WA9002L606	014	CH3BR 2JLT	10UGL	1.0000MSBB	0BROMOMETHANE	0624HN
GRS	0803E0221900302900035WA9002L606	014	C2H3CL2JLT	10UGL	1.0000MSBB	0VINYL CHLORIDE	0624HN
GRS	0803E0221900302900035WA9002L606	014	C2H5CL2JLT	10UGL	1.0000MSBB	0CHLOROETHANE	0624HN
GRS	0803E0221900302900035WA9002L606	014	CH2CL22JLT	5UGL	1.0000MSBB	0METHYLENE CHLORIDE	0624HN
GRS	0803E0221900302900035WA9002L606	014	ACET 2JB	11UGL	1.0000MSBB	0ACETONE	0624HN
GRS	0803E0221900302900035WA9002L606	014	CS2 2JLT	5UGL	1.0000MSBB	0CARBON DISULFIDE	0624HN
GRS	0803E0221900302900035WA9002L606	014	11DCE 2JLT	5UGL	1.0000MSBB	01,1-DICHLOROETHENE	0624HN
GRS	0803E0221900302900035WA9002L606	014	11DCLE2JLT	5UGL	1.0000MSBB	01,1-DICHLOROETHANE	0624HN
GRS	0803E0221900302900035WA9002L606	014	T12DC2JLT	5UGL	1.0000MSBB	01,2-DICHLOROETHENE	0624HN
GRS	0803E0221900302900035WA9002L606	014	CHCL3 2JLT	5UGL	1.0000MSBB	0CHLOROFORM	0624HN
GRS	0803E0221900302900035WA9002L606	014	12DCLE2JLT	5UGL	1.0000MSBB	01,2-DICHLOROETHANE	0624HN
GRS	0803E0221900302900035WA9002L606	014	MEK 2JLT	10UGL	1.0000MSBB	02-BUTANONE	0624HN
GRS	0803E0221900302900035WA9002L606	014	111TCE2JLT	5UGL	1.0000MSBB	01,1,1-TRICHLOROETHANO	0624HN
GRS	0803E0221900302900035WA9002L606	014	CCL4 2JLT	5UGL	1.0000MSBB	0CARBON TETRACHLORIDEO	0624HN
GRS	0803E0221900302900035WA9002L606	014	VINYLA2JLT	10UGL	1.0000MSBB	0VINYL ACETATE	0624HN
GRS	0803E0221900302900035WA9002L606	014	BRDCLM2JLT	5UGL	1.0000MSBB	0BROMODICHLOROMETHANEO	0624HN
GRS	0803E0221900302900035WA9002L606	014	12DCLP2JLT	5UGL	1.0000MSBB	01,2-DICHLOROPROPANE	0624HN
GRS	0803E0221900302900035WA9002L606	014	13DCPC2JLT	5UGL	1.0000MSBB	0CIS-1,3-DICHLOROPROPO	0624HN
GRS	0803E0221900302900035WA9002L606	014	TRCLE 2JLT	5UGL	1.0000MSBB	0TRICHLOROETHENE	0624HN
GRS	0803E0221900302900035WA9002L606	014	DBRCLM2JLT	5UGL	1.0000MSBB	0DIBROMOCHLOROMETHANEO	0624HN
GRS	0803E0221900302900035WA9002L606	014	112TCE2JLT	5UGL	1.0000MSBB	01,1,2-TRICHLOROETHANO	0624HN
GRS	0803E0221900302900035WA9002L606	014	C6H6 2JLT	5UGL	1.0000MSBB	0BENZENE	0624HN
GRS	0803E0221900302900035WA9002L606	014	T13DCP2JLT	5UGL	1.0000MSBB	0TRANS-1,3-DICHLOROPRO	0624HN
GRS	0803E0221900302900035WA9002L606	014	CHBR3 2JLT	5UGL	1.0000MSBB	0BROMOFORM	0624HN
GRS	0803E0221900302900035WA9002L606	014	4ME2PE2JLT	10UGL	1.0000MSBB	04-METHYL-2-PENTANONEO	0624HN
GRS	0803E0221900302900035WA9002L606	014	2HXONE2JLT	10UGL	1.0000MSBB	02-HEXANONE	0624HN
GRS	0803E0221900302900035WA9002L606	014	TCLEE 2JLT	5UGL	1.0000MSBB	0TETRACHLOROETHENE	0624HN
GRS	0803E0221900302900035WA9002L606	014	TCLEA 2JLT	5UGL	1.0000MSBB	01,1,2,2-TETRACHLOROEO	0624HN
GRS	0803E0221900302900035WA9002L606	014	MEC6H52JLT	5UGL	1.0000MSBB	0TOLUENE	0624HN
GRS	0803E0221900302900035WA9002L606	014	CLC6H52JLT	5UGL	1.0000MSBB	0CHLOROBENZENE	0624HN
GRS	0803E0221900302900035WA9002L606	014	ETC6H52JLT	5UGL	1.0000MSBB	0ETHYLBENZENE	0624HN
GRS	0803E0221900302900035WA9002L606	014	STYR 2JLT	5UGL	1.0000MSBB	0STYRENE	0624HN
GRS	0803E0221900302900035WA9002L606	014	XYLEN 2JLT	5UGL	1.0000MSBB	0XYLENE (TOTAL)	0624HN
GRS	0001B0221900302900035WA9002L606	015	MEC6D82J	116PER	1.0000MSBB	50.000TOLUENE-D8	0624HN
GRS	0001B0221900302900035WA9002L606	015	PBFB 2J	99PER	1.0000MSBB	50.000BROMOFLUOROBENZENE	0624HN
GRS	0001B0221900302900035WA9002L606	015	12DCD42J	104PER	1.0000MSBB	50.0001,2-DICHLOROETHANE-DO	0624HN
GRS	0001B0221900302900035WA9002L606	015	CH3CL 2JLT	10UGL	1.0000MSBB	0CHLOROMETHANE	0624HN
GRS	0001B0221900302900035WA9002L606	015	CH3BR 2JLT	10UGL	1.0000MSBB	0BROMOMETHANE	0624HN
GRS	0001B0221900302900035WA9002L606	015	C2H3CL2JLT	10UGL	1.0000MSBB	0VINYL CHLORIDE	0624HN
GRS	0001B0221900302900035WA9002L606	015	C2H5CL2JLT	10UGL	1.0000MSBB	0CHLOROETHANE	0624HN
GRS	0001B0221900302900035WA9002L606	015	CH2CL22JB	5UGL	1.0000MSBB	0METHYLENE CHLORIDE	0624HN
GRS	0001B0221900302900035WA9002L606	015	ACET 2JLT	10UGL	1.0000MSBB	0ACETONE	0624HN
GRS	0001B0221900302900035WA9002L606	015	CS2 2JLT	5UGL	1.0000MSBB	0CARBON DISULFIDE	0624HN
GRS	0001B0221900302900035WA9002L606	015	11DCE 2JLT	5UGL	1.0000MSBB	01,1-DICHLOROETHENE	0624HN
GRS	0001B0221900302900035WA9002L606	015	11DCLE2JLT	5UGL	1.0000MSBB	01,1-DICHLOROETHANE	0624HN

GRS	0001B0221900302900035WA9002L606	015	T12DCE2JLT	5UGL	1.0000MSBB	01,2-DICHLOROETHENE (0624HN
GRS	0001B0221900302900035WA9002L606	015	CHCL3 2JLT	5UGL	1.0000MSBB	0CHLOROFORM 0624HN
GRS	0001B0221900302900035WA9002L606	015	12DCLE2JLT	5UGL	1.0000MSBB	01,2-DICHLOROETHANE 0624HN
GRS	0001B0221900302900035WA9002L606	015	MEK 2JLT	10UGL	1.0000MSBB	02-BUTANONE 0624HN
GRS	0001B0221900302900035WA9002L606	015	111TCE2JLT	5UGL	1.0000MSBB	01,1,1-TRICHLOROETHANO624HN
GRS	0001B0221900302900035WA9002L606	015	CCL4 2JLT	5UGL	1.0000MSBB	0CARBON TETRACHLORIDE0624HN
GRS	0001B0221900302900035WA9002L606	015	VINYLA2JLT	10UGL	1.0000MSBB	0VINYL ACETATE 0624HN
GRS	0001B0221900302900035WA9002L606	015	BRDCLM2JLT	5UGL	1.0000MSBB	0BROMODICHLOROMETHANE0624HN
GRS	0001B0221900302900035WA9002L606	015	12DCLP2JLT	5UGL	1.0000MSBB	01,2-DICHLOROPROPANE 0624HN
GRS	0001B0221900302900035WA9002L606	015	13DCPC2JLT	5UGL	1.0000MSBB	0CIS-1,3-DICHLOROPROPO624HN
GRS	0001B0221900302900035WA9002L606	015	TRCLE 2JLT	5UGL	1.0000MSBB	0TRICHLOROETHENE 0624HN
GRS	0001B0221900302900035WA9002L606	015	DBRCLM2JLT	5UGL	1.0000MSBB	0DIBROMOCHLOROMETHANE0624HN
GRS	0001B0221900302900035WA9002L606	015	112TCE2JLT	5UGL	1.0000MSBB	01,1,2-TRICHLOROETHANO624HN
GRS	0001B0221900302900035WA9002L606	015	C6H6 2JLT	5UGL	1.0000MSBB	0BENZENE 0624HN
GRS	0001B0221900302900035WA9002L606	015	T13DCP2JLT	5UGL	1.0000MSBB	0TRANS-1,3-DICHLOROPRO624HN
GRS	0001B0221900302900035WA9002L606	015	CHBR3 2JLT	5UGL	1.0000MSBB	0BROMOFORM 0624HN
GRS	0001B0221900302900035WA9002L606	015	4ME2PE2JLT	10UGL	1.0000MSBB	04-METHYL-2-PENTANONE0624HN
GRS	0001B0221900302900035WA9002L606	015	2HXONE2JLT	10UGL	1.0000MSBB	02-HEXANONE 0624HN
GRS	0001B0221900302900035WA9002L606	015	TCLEE 2JLT	5UGL	1.0000MSBB	0TETRACHLOROETHENE 0624HN
GRS	0001B0221900302900035WA9002L606	015	TCLEA 2JLT	5UGL	1.0000MSBB	01,1,2,2-TETRACHLOROEO624HN
GRS	0001B0221900302900035WA9002L606	015	MEC6H52JLT	5UGL	1.0000MSBB	0TOLUENE 0624HN
GRS	0001B0221900302900035WA9002L606	015	CLC6H52JLT	5UGL	1.0000MSBB	0CHLOROBENZENE 0624HN
GRS	0001B0221900302900035WA9002L606	015	ETC6H52JLT	5UGL	1.0000MSBB	0ETHYLBENZENE 0624HN
GRS	0001B0221900302900035WA9002L606	015	STYR 2JLT	5UGL	1.0000MSBB	0STYRENE 0624HN
GRS	0001B0221900302900035WA9002L606	015	XYLEN 2JLT	5UGL	1.0000MSBB	0XYLENE (TOTAL) 0624HN
GRS	0001C0221900302900035WA9002L606	016	MEC6D82J	114PER	1.0000MSBB	50.000TOLUENE-D8 0624HN
GRS	0001C0221900302900035WA9002L606	016	PBFB 2J	101PER	1.0000MSBB	50.000BROMOFLUOROBENZENE 0624HN
GRS	0001C0221900302900035WA9002L606	016	12DCD42J	114PER	1.0000MSBB	50.0001,2-DICHLOROETHANE-DO624HN
GRS	0001C0221900302900035WA9002L606	016	CH3CL 2JLT	10UGL	1.0000MSBB	0CHLOROMETHANE 0624HN
GRS	0001C0221900302900035WA9002L606	016	CH3BR 2JLT	10UGL	1.0000MSBB	0BROMOMETHANE 0624HN
GRS	0001C0221900302900035WA9002L606	016	C2H3CL2JLT	10UGL	1.0000MSBB	0VINYL CHLORIDE 0624HN
GRS	0001C0221900302900035WA9002L606	016	C2H5CL2JLT	10UGL	1.0000MSBB	0CHLOROETHANE 0624HN
GRS	0001C0221900302900035WA9002L606	016	CH2CL22JLT	5UGL	1.0000MSBB	0METHYLENE CHLORIDE 0624HN
GRS	0001C0221900302900035WA9002L606	016	ACET 2JB	45UGL	1.0000MSBB	0ACETONE 0624HN
GRS	0001C0221900302900035WA9002L606	016	CS2 2JLT	5UGL	1.0000MSBB	0CARBON DISULFIDE 0624HN
GRS	0001C0221900302900035WA9002L606	016	11DCE 2JLT	5UGL	1.0000MSBB	01,1-DICHLOROETHENE 0624HN
GRS	0001C0221900302900035WA9002L606	016	11DCLE2JLT	5UGL	1.0000MSBB	01,1-DICHLOROETHANE 0624HN
GRS	0001C0221900302900035WA9002L606	016	T12DCE2JLT	5UGL	1.0000MSBB	01,2-DICHLOROETHENE (0624HN
GRS	0001C0221900302900035WA9002L606	016	CHCL3 2JLT	5UGL	1.0000MSBB	0CHLOROFORM 0624HN
GRS	0001C0221900302900035WA9002L606	016	12DCLE2JLT	5UGL	1.0000MSBB	01,2-DICHLOROETHANE 0624HN
GRS	0001C0221900302900035WA9002L606	016	MEK 2JLT	10UGL	1.0000MSBB	02-BUTANONE 0624HN
GRS	0001C0221900302900035WA9002L606	016	111TCE2JLT	5UGL	1.0000MSBB	01,1,1-TRICHLOROETHANO624HN
GRS	0001C0221900302900035WA9002L606	016	CCL4 2JLT	5UGL	1.0000MSBB	0CARBON TETRACHLORIDE0624HN
GRS	0001C0221900302900035WA9002L606	016	VINYLA2JLT	10UGL	1.0000MSBB	0VINYL ACETATE 0624HN
GRS	0001C0221900302900035WA9002L606	016	BRDCLM2JLT	5UGL	1.0000MSBB	0BROMODICHLOROMETHANE0624HN
GRS	0001C0221900302900035WA9002L606	016	12DCLP2JLT	5UGL	1.0000MSBB	01,2-DICHLOROPROPANE 0624HN
GRS	0001C0221900302900035WA9002L606	016	13DCPC2JLT	5UGL	1.0000MSBB	0CIS-1,3-DICHLOROPROPO624HN
GRS	0001C0221900302900035WA9002L606	016	TRCLE 2JLT	5UGL	1.0000MSBB	0TRICHLOROETHENE 0624HN

GRS	0001C0221900302900035WA9002L606	016	DBRCLM2JLT	5UGL	1.0000MSBB	0DIBROMOCHLOROMETHANEO624HN
GRS	0001C0221900302900035WA9002L606	016	112TCE2JLT	5UGL	1.0000MSBB	01,1,2-TRICHLOROETHANO624HN
GRS	0001C0221900302900035WA9002L606	016	C6H6 2JLT	5UGL	1.0000MSBB	0BENZENE O624HN
GRS	0001C0221900302900035WA9002L606	016	T13DCP2JLT	5UGL	1.0000MSBB	0TRANS-1,3-DICHLOROPRO624HN
GRS	0001C0221900302900035WA9002L606	016	CHBR3 2JLT	5UGL	1.0000MSBB	0BROMOFORM O624HN
GRS	0001C0221900302900035WA9002L606	016	4ME2PE2JLT	10UGL	1.0000MSBB	04-METHYL-2-PENTANONEO624HN
GRS	0001C0221900302900035WA9002L606	016	2HXONE2JLT	10UGL	1.0000MSBB	02-HEXANONE O624HN
GRS	0001C0221900302900035WA9002L606	016	TCLEF 2JLT	5UGL	1.0000MSBB	0TETRACHLOROETHENE O624HN
GRS	0001C0221900302900035WA9002L606	016	TCLEA 2JLT	5UGL	1.0000MSBB	01,1,2,2-TETRACHLOROEO624HN
GRS	0001C0221900302900035WA9002L606	016	MEC6H52JLT	5UGL	1.0000MSBB	0TOLUENE O624HN
GRS	0001C0221900302900035WA9002L606	016	CLC6H52JLT	5UGL	1.0000MSBB	0CHLOROBENZENE O624HN
GRS	0001C0221900302900035WA9002L606	016	ETC6H52JLT	5UGL	1.0000MSBB	0ETHYLBENZENE O624HN
GRS	0001C0221900302900035WA9002L606	016	STYR 2JLT	5UGL	1.0000MSBB	0STYRENE O624HN
GRS	0001C0221900302900035WA9002L606	016	XYLEN 2JLT	5UGL	1.0000MSBB	0XYLENE (TOTAL) O624HN
LCS	0319900042WA90C042A	LC1	LHGTOT 1D	1.7UGL	1.00HGSQ	0MERCURY, LCS MHGLCL
LCS	0319900042WA90C042A	LC1	LHGTOT 1D	86.2PER	1.00HGSQ	2.0MERCURY, LCS MHGLCL
LCS	0319900042WA90C042A	LC2	LHGTOT 1D	1.8UGL	1.00HGSQ	0MERCURY, LCS MHGLCL
LCS	0319900042WA90C042A	LC2	LHGTOT 1D	90.4PER	1.00HGSQ	2.0MERCURY, LCS MHGLCL
LCS	0319900042WA90C042A	LC3	LHGTOT 1D	1.8UGL	1.00HGSQ	0MERCURY, LCS MHGLCL
LCS	0319900042WA90C042A	LC3	LHGTOT 1D	90.4PER	1.00HGSQ	2.0MERCURY, LCS MHGLCL
LCS	0319900042WA90C042A	LC4	LHGTOT 1D	1.9UGL	1.00HGSQ	0MERCURY, LCS MHGLCL
LCS	0319900042WA90C042A	LC4	LHGTOT 1D	94.6PER	1.00HGSQ	2.0MERCURY, LCS MHGLCL
MBLK	0319900042WA90C042A	MB1	HGTOT 1DLT	0.20UGL	1.00HGSQ	0MERCURY, TOTAL MHGTON
MBLK	0319900042WA90C042A	MB2	HGTOT 1DLT	0.20UGL	1.00HGSQ	0MERCURY, TOTAL MHGTON
MBLK	0319900042WA90C042A	MB3	HGTOT 1DLT	0.20UGL	1.00HGSQ	0MERCURY, TOTAL MHGTON
MBLK	0319900042WA90C042A	MB4	HGTOT 1DLT	0.20UGL	1.00HGSQ	0MERCURY, TOTAL MHGTON
LCS	0319900042WA90C042B	LC1	LHGTOT 1D	0.86MGKG	1.00HGSQ	0MERCURY, LCS MHGLCL
LCS	0319900042WA90C042B	LC1	LHGTOT 1D	86.2PER	1.00HGSQ	1.0MERCURY, LCS MHGLCL
LCS	0319900042WA90C042B	LC2	LHGTOT 1D	0.90MGKG	1.00HGSQ	0MERCURY, LCS MHGLCL
LCS	0319900042WA90C042B	LC2	LHGTOT 1D	90.4PER	1.00HGSQ	1.0MERCURY, LCS MHGLCL
LCS	0319900042WA90C042B	LC3	LHGTOT 1D	0.90MGKG	1.00HGSQ	0MERCURY, LCS MHGLCL
LCS	0319900042WA90C042B	LC3	LHGTOT 1D	90.4PER	1.00HGSQ	1.0MERCURY, LCS MHGLCL
LCS	0319900042WA90C042B	LC4	LHGTOT 1D	0.95MGKG	1.00HGSQ	0MERCURY, LCS MHGLCL
LCS	0319900042WA90C042B	LC4	LHGTOT 1D	94.6PER	1.00HGSQ	1.0MERCURY, LCS MHGLCL
MBLK	0319900042WA90C042B	MB1	HGTOT 1DLT	0.10MGKG	1.00HGSQ	0MERCURY, TOTAL MHGTON
MBLK	0319900042WA90C042B	MB2	HGTOT 1DLT	0.10MGKG	1.00HGSQ	0MERCURY, TOTAL MHGTON
MBLK	0319900042WA90C042B	MB3	HGTOT 1DLT	0.10MGKG	1.00HGSQ	0MERCURY, TOTAL MHGTON
MBLK	0319900042WA90C042B	MB4	HGTOT 1DLT	0.10MGKG	1.00HGSQ	0MERCURY, TOTAL MHGTON
LCS	0330900218WA90L0218	LC1	LAS 1B	26.1UGL	1.00AAAER	0ARSENIC, LCS MASLCL
LCS	0330900218WA90L0218	LC1	LAS 1B	87.0PER	1.00AAAER	30.0ARSENIC, LCS MASLCL
LCS	0330900218WA90L0218	LC2	LAS 1B	27.2UGL	1.00AAAER	0ARSENIC, LCS MASLCL
LCS	0330900218WA90L0218	LC2	LAS 1B	90.7PER	1.00AAAER	30.0ARSENIC, LCS MASLCL
MBLK	0330900218WA90L0218	MB1	AS 1BLT	10.0UGL	1.00AAAER	0ARSENIC, TOTAL MASTON
LCS	0405900218WA90L0218	LC1	LPB 1B	31.6UGL	1.00ICCMT	0LEAD, LCS MPBLCL
LCS	0405900218WA90L0218	LC1	LPB 1B	105PER	1.00ICCMT	30.0LEAD, LCS MPBLCL
LCS	0405900218WA90L0218	LC2	LPB 1B	31.3UGL	1.00ICCMT	0LEAD, LCS MPBLCL
LCS	0405900218WA90L0218	LC2	LPB 1B	104PER	1.00ICCMT	30.0LEAD, LCS MPBLCL
MBLK	0405900218WA90L0218	MB1	PB 1BLT	3.0UGL	1.00AACMT	0LEAD, TOTAL MPBTON

LCS	0402900218WA90L0218	LC1	LSE	1B	33.1UGL	1.00ICSSQ	0SELENIUM, LCS	MSELCL
LCS	0402900218WA90L0218	LC1	LSE	1B	110PER	1.00ICSSQ	30.0SELENIUM, LCS	MSELCL
LCS	0402900218WA90L0218	LC2	LSE	1B	34.0UGL	1.00ICSSQ	0SELENIUM, LCS	MSELCL
LCS	0402900218WA90L0218	LC2	LSE	1B	113PER	1.00ICSSQ	30.0SELENIUM, LCS	MSELCL
MBLK	0402900218WA90L0218	MB1	SE	1BLT	5.0UGL	1.00AASSQ	0SELENIUM, TOTAL	MSETON
LCS	0323900219WA90L0219	LC1	LAG	2Z	633UGL	1.00ICALM	0SILVER, LCS	MAGLCL
LCS	0323900219WA90L0219	LC1	LAG	2Z	127PER	1.00ICALM	500SILVER, LCS	MAGLCL
LCS	0323900219WA90L0219	LC2	LAG	2Z	596UGL	1.00ICALM	0SILVER, LCS	MAGLCL
LCS	0323900219WA90L0219	LC2	LAG	2Z	119PER	1.00ICALM	500SILVER, LCS	MAGLCL
MBLK	0323900219WA90L0219	MB1	AG	2ZLT	10.0UGL	1.00ICALM	0SILVER, TOTAL	MAGTON
LCS	0323900219WA90L0219	LC1	LBA	2Z	5100UGL	1.00ICALM	0BARIUM, LCS	MBALCL
LCS	0323900219WA90L0219	LC1	LBA	2Z	102PER	1.00ICALM	5000BARIUM, LCS	MBALCL
LCS	0323900219WA90L0219	LC2	LBA	2Z	5040UGL	1.00ICALM	0BARIUM, LCS	MBALCL
LCS	0323900219WA90L0219	LC2	LBA	2Z	101PER	1.00ICALM	5000BARIUM, LCS	MBALCL
MBLK	0323900219WA90L0219	MB1	BA	2ZLT	200UGL	1.00ICALM	0BARIUM, TOTAL	MBATON
LCS	0323900219WA90L0219	LC1	LCD	2Z	287UGL	1.00ICALM	0CADMIUM, LCS	MCDLCL
LCS	0323900219WA90L0219	LC1	LCD	2Z	115PER	1.00ICALM	250CADMIUM, LCS	MCDLCL
LCS	0323900219WA90L0219	LC2	LCD	2Z	278UGL	1.00ICALM	0CADMIUM, LCS	MCDLCL
LCS	0323900219WA90L0219	LC2	LCD	2Z	111PER	1.00ICALM	250CADMIUM, LCS	MCDLCL
MBLK	0323900219WA90L0219	MB1	CD	2ZLT	5.0UGL	1.00ICALM	0CADMIUM, TOTAL	MCDTON
LCS	0323900219WA90L0219	LC1	LCR	2Z	599UGL	1.00ICALM	0CHROMIUM, LCS	MCRLCL
LCS	0323900219WA90L0219	LC1	LCR	2Z	120PER	1.00ICALM	500CHROMIUM, LCS	MCRLCL
LCS	0323900219WA90L0219	LC2	LCR	2Z	580UGL	1.00ICALM	0CHROMIUM, LCS	MCRLCL
LCS	0323900219WA90L0219	LC2	LCR	2Z	116PER	1.00ICALM	500CHROMIUM, LCS	MCRLCL
MBLK	0323900219WA90L0219	MB1	CR	2ZLT	10.0UGL	1.00ICALM	0CHROMIUM, TOTAL	MCRTON
LCS	0330900225WA90L0225	LC1	LAS	1B	5.6MGKG	1.00AAAER	0ARSENIC, LCS	MASLCL
LCS	0330900225WA90L0225	LC1	LAS	1B	94.0PER	1.00AAAER	6.0ARSENIC, LCS	MASLCL
LCS	0330900225WA90L0225	LC2	LAS	1B	5.9MGKG	1.00AAAER	0ARSENIC, LCS	MASLCL
LCS	0330900225WA90L0225	LC2	LAS	1B	97.7PER	1.00AAAER	6.0ARSENIC, LCS	MASLCL
MBLK	0330900225WA90L0225	MB1	AS	1BLT	2.0MGKG	1.00AAAER	0ARSENIC, TOTAL	MASTON
LCS	0405900225WA90L0225	LC1	LPB	1B	6.8MGKG	1.00ICCMT	0LEAD, LCS	MPBLCL
LCS	0405900225WA90L0225	LC1	LPB	1B	113PER	1.00ICCMT	6.0LEAD, LCS	MPBLCL
LCS	0405900225WA90L0225	LC2	LPB	1B	6.7MGKG	1.00ICCMT	0LEAD, LCS	MPBLCL
LCS	0405900225WA90L0225	LC2	LPB	1B	112PER	1.00ICCMT	6.0LEAD, LCS	MPBLCL
MBLK	0405900225WA90L0225	MB1	PB	1BLT	0.60MGKG	1.00AACMT	0LEAD, TOTAL	MPBTON
LCS	0401900225WA90L0225	LC1	LSE	1B	6.7MGKG	1.00ICMLR	0SELENIUM, LCS	MSELCL
LCS	0401900225WA90L0225	LC1	LSE	1B	111PER	1.00ICMLR	6.0SELENIUM, LCS	MSELCL
LCS	0401900225WA90L0225	LC2	LSE	1B	6.8MGKG	1.00ICMLR	0SELENIUM, LCS	MSELCL
LCS	0401900225WA90L0225	LC2	LSE	1B	113PER	1.00ICMLR	6.0SELENIUM, LCS	MSELCL
MBLK	0401900225WA90L0225	MB1	SE	1BLT	1.0MGKG	1.00AAMLRL	0SELENIUM, TOTAL	MSETON
LCS	0323900226WA90L0226	LC1	LAG	2Z	59.0MGKG	1.00ICALM	0SILVER, LCS	MAGLCL
LCS	0323900226WA90L0226	LC1	LAG	2Z	59.0PER	1.00ICALM	100SILVER, LCS	MAGLCL
LCS	0323900226WA90L0226	LC2	LAG	2Z	107MGKG	1.00ICALM	0SILVER, LCS	MAGLCL
LCS	0323900226WA90L0226	LC2	LAG	2Z	107PER	1.00ICALM	100SILVER, LCS	MAGLCL
MBLK	0323900226WA90L0226	MB1	AG	2ZLT	2.0MGKG	1.00ICALM	0SILVER, TOTAL	MAGTON
LCS	0323900226WA90L0226	LC1	LBA	2Z	1020MGKG	1.00ICALM	0BARIUM, LCS	MBALCL
LCS	0323900226WA90L0226	LC1	LBA	2Z	102PER	1.00ICALM	1000BARIUM, LCS	MBALCL
LCS	0323900226WA90L0226	LC2	LBA	2Z	1010MGKG	1.00ICALM	0BARIUM, LCS	MBALCL

LCS	0323900226WA90L0226	LC2 LBA	2Z	101PER	1.00ICALM	1000BARIUM, LCS	MBALCL
MBLK	0323900226WA90L0226	MB1 BA	2ZLT	40.0MGKG	1.00ICALM	0BARIUM, TOTAL	MBATON
LCS	0323900226WA90L0226	LC1 LCD	2Z	53.1MGKG	1.00ICALM	0CADMIUM, LCS	MCDLCL
LCS	0323900226WA90L0226	LC1 LCD	2Z	106PER	1.00ICALM	50.0CADMIUM, LCS	MCDLCL
LCS	0323900226WA90L0226	LC2 LCD	2Z	53.0MGKG	1.00ICALM	0CADMIUM, LCS	MCDLCL
LCS	0323900226WA90L0226	LC2 LCD	2Z	106PER	1.00ICALM	50.0CADMIUM, LCS	MCDLCL
MBLK	0323900226WA90L0226	MB1 CD	2ZLT	1.0MGKG	1.00ICALM	0CADMIUM, TOTAL	MCDTON
LCS	0323900226WA90L0226	LC1 LCR	2Z	112MGKG	1.00ICALM	0CHROMIUM, LCS	MCRLCL
LCS	0323900226WA90L0226	LC1 LCR	2Z	112PER	1.00ICALM	100CHROMIUM, LCS	MCRLCL
LCS	0323900226WA90L0226	LC2 LCR	2Z	111MGKG	1.00ICALM	0CHROMIUM, LCS	MCRLCL
LCS	0323900226WA90L0226	LC2 LCR	2Z	111PER	1.00ICALM	100CHROMIUM, LCS	MCRLCL
MBLK	0323900226WA90L0226	MB1 CR	2ZLT	2.0MGKG	1.00ICALM	0CHROMIUM, TOTAL	MCRTON
MBLK	0308900326WA90LE0286	MB1 NBD5	1X	53PER	1.0000MSTAS	1666.667NITROBENZENE-D5	O625HN
MBLK	0308900326WA90LE0286	MB1 2FBP	1X	61PER	1.0000MSTAS	1666.6672-FLUOROBIPHENYL	O625HN
MBLK	0308900326WA90LE0286	MB1 PTERP	1X	78PER	1.0000MSTAS	1666.667P-TERPHENYL-D14	O625HN
MBLK	0308900326WA90LE0286	MB1 PHEND5	1X	70PER	1.0000MSTAS	3333.334PHENOL-D5	O625HN
MBLK	0308900326WA90LE0286	MB1 2FP	1X	66PER	1.0000MSTAS	3333.3342-FLUOROPHENOL	O625HN
MBLK	0308900326WA90LE0286	MB1 246TBP	1X	77PER	1.0000MSTAS	3333.3342, 4, 6-TRIBROMOPHENOL	O625HN
MBLK	0308900326WA90LE0286	MB1 PHENOL	1XLT	370UGKG	1.0000MSTAS	0PHENOL	O625HN
MBLK	0308900326WA90LE0286	MB1 B2CEE	1XLT	370UGKG	1.0000MSTAS	0BIS (2-CHLOROETHYL) ET	O625HN
MBLK	0308900326WA90LE0286	MB1 2CLP	1XLT	370UGKG	1.0000MSTAS	02-CHLOROPHENOL	O625HN
MBLK	0308900326WA90LE0286	MB1 13DCLB	1XLT	370UGKG	1.0000MSTAS	01, 3-DICHLOROBENZENE	O625HN
MBLK	0308900326WA90LE0286	MB1 14DCLB	1XLT	370UGKG	1.0000MSTAS	01, 4-DICHLOROBENZENE	O625HN
MBLK	0308900326WA90LE0286	MB1 BZALC	1XLT	370UGKG	1.0000MSTAS	0BENZYL ALCOHOL	O625HN
MBLK	0308900326WA90LE0286	MB1 12DCLB	1XLT	370UGKG	1.0000MSTAS	01, 2-DICHLOROBENZENE	O625HN
MBLK	0308900326WA90LE0286	MB1 2MP	1XLT	370UGKG	1.0000MSTAS	02-METHYLPHENOL	O625HN
MBLK	0308900326WA90LE0286	MB1 B2CIPE	1XLT	370UGKG	1.0000MSTAS	0BIS (2-CHLOROISOPROPY	O625HN
MBLK	0308900326WA90LE0286	MB1 4MP	1XLT	370UGKG	1.0000MSTAS	04-METHYLPHENOL	O625HN
MBLK	0308900326WA90LE0286	MB1 NDNPA	1XLT	370UGKG	1.0000MSTAS	0N-NITROSO-DI-N-PROPY	O625HN
MBLK	0308900326WA90LE0286	MB1 CL6ET	1XLT	370UGKG	1.0000MSTAS	0HEXACHLOROETHANE	O625HN
MBLK	0308900326WA90LE0286	MB1 NB	1XLT	370UGKG	1.0000MSTAS	0NITROBENZENE	O625HN
MBLK	0308900326WA90LE0286	MB1 ISOPHR	1XLT	370UGKG	1.0000MSTAS	0ISOPHORONE	O625HN
MBLK	0308900326WA90LE0286	MB1 2NP	1XLT	370UGKG	1.0000MSTAS	02-NITROPHENOL	O625HN
MBLK	0308900326WA90LE0286	MB1 24DMPN	1XLT	370UGKG	1.0000MSTAS	02, 4-DIMETHYLPHENOL	O625HN
MBLK	0308900326WA90LE0286	MB1 BENZO	1XLT	1800UGKG	1.0000MSTAS	0BENZOIC ACID	O625HN
MBLK	0308900326WA90LE0286	MB1 B2CEXM	1XLT	370UGKG	1.0000MSTAS	0BIS (2-CHLOROETHOXY) M	O625HN
MBLK	0308900326WA90LE0286	MB1 24DCLP	1XLT	370UGKG	1.0000MSTAS	02, 4-DICHLOROPHENOL	O625HN
MBLK	0308900326WA90LE0286	MB1 124TCB	1XLT	370UGKG	1.0000MSTAS	01, 2, 4-TRICHLOROBENZ	O625HN
MBLK	0308900326WA90LE0286	MB1 NAP	1XLT	370UGKG	1.0000MSTAS	0NAPHTHALENE	O625HN
MBLK	0308900326WA90LE0286	MB1 4CANIL	1XLT	370UGKG	1.0000MSTAS	04-CHLOROANILINE	O625HN
MBLK	0308900326WA90LE0286	MB1 HCB	1XLT	370UGKG	1.0000MSTAS	0HEXACHLOROBUTADIENE	O625HN
MBLK	0308900326WA90LE0286	MB1 4CL3C	1XLT	370UGKG	1.0000MSTAS	04-CHLORO-3-METHYLPHE	O625HN
MBLK	0308900326WA90LE0286	MB1 2MENAP	1XLT	370UGKG	1.0000MSTAS	02-METHYLNAPHTHALENE	O625HN
MBLK	0308900326WA90LE0286	MB1 CL6CP	1XLT	370UGKG	1.0000MSTAS	0HEXACHLOROCYCLOPENTA	O625HN
MBLK	0308900326WA90LE0286	MB1 246TCP	1XLT	370UGKG	1.0000MSTAS	02, 4, 6-TRICHLOROPHEN	O625HN
MBLK	0308900326WA90LE0286	MB1 245TCP	1XLT	1800UGKG	1.0000MSTAS	02, 4, 5-TRICHLOROPHEN	O625HN
MBLK	0308900326WA90LE0286	MB1 2CNAP	1XLT	370UGKG	1.0000MSTAS	02-CHLORONAPHTHALENE	O625HN
MBLK	0308900326WA90LE0286	MB1 2NANIL	1XLT	1800UGKG	1.0000MSTAS	02-NITROANILINE	O625HN

MBLK	0308900326WA90LE0286	MB1 DMP 1XLT	370UGKG	1.0000MSTAS	0DIMETHYLPHTHALATE	O625HN
MBLK	0308900326WA90LE0286	MB1 ANAPYL1XLT	370UGKG	1.0000MSTAS	0ACENAPHTHYLENE	O625HN
MBLK	0308900326WA90LE0286	MB1 26DNT 1XLT	370UGKG	1.0000MSTAS	02,6-DINITROTOLUENE	O625HN
MBLK	0308900326WA90LE0286	MB1 3NANIL1XLT	1800UGKG	1.0000MSTAS	03-NITROANILINE	O625HN
MBLK	0308900326WA90LE0286	MB1 ANAPNE1XLT	370UGKG	1.0000MSTAS	0ACENAPHTHENE	O625HN
MBLK	0308900326WA90LE0286	MB1 24DNP 1XLT	1800UGKG	1.0000MSTAS	02,4-DINITROPHENOL	O625HN
MBLK	0308900326WA90LE0286	MB1 4NP 1XLT	1800UGKG	1.0000MSTAS	04-NITROPHENOL	O625HN
MBLK	0308900326WA90LE0286	MB1 DIBZFU1XLT	370UGKG	1.0000MSTAS	0DIBENZOFURAN	O625HN
MBLK	0308900326WA90LE0286	MB1 24DNT 1XLT	370UGKG	1.0000MSTAS	02,4-DINITROTOLUENE	O625HN
MBLK	0308900326WA90LE0286	MB1 DEP 1XLT	370UGKG	1.0000MSTAS	0DIETHYLPHTHALATE	O625HN
MBLK	0308900326WA90LE0286	MB1 4CLPPE1XLT	370UGKG	1.0000MSTAS	04-CHLOROPHENYL-PHENYLO	O625HN
MBLK	0308900326WA90LE0286	MB1 FLRENE1XLT	370UGKG	1.0000MSTAS	0FLUORENE	O625HN
MBLK	0308900326WA90LE0286	MB1 4NANIL1XLT	1800UGKG	1.0000MSTAS	04-NITROANILINE	O625HN
MBLK	0308900326WA90LE0286	MB1 46DN2C1XLT	1800UGKG	1.0000MSTAS	04,6-DINITRO-2-METHYLO	O625HN
MBLK	0308900326WA90LE0286	MB1 NNDPA 1XLT	370UGKG	1.0000MSTAS	0N-NITROSODIPHENYLAMIO	O625HN
MBLK	0308900326WA90LE0286	MB1 4BRPPE1XLT	370UGKG	1.0000MSTAS	04-BROMOPHENYL-PHENYLO	O625HN
MBLK	0308900326WA90LE0286	MB1 CL6BZ 1XLT	370UGKG	1.0000MSTAS	0HEXACHLORO BENZENE	O625HN
MBLK	0308900326WA90LE0286	MB1 PCP 1XLT	1800UGKG	1.0000MSTAS	0PENTACHLOROPHENOL	O625HN
MBLK	0308900326WA90LE0286	MB1 PHANTR1XLT	370UGKG	1.0000MSTAS	0PHENANTHRENE	O625HN
MBLK	0308900326WA90LE0286	MB1 ANTRC 1XLT	370UGKG	1.0000MSTAS	0ANTHRACENE	O625HN
MBLK	0308900326WA90LE0286	MB1 DNBP 1XLT	370UGKG	1.0000MSTAS	0DI-N-BUTYLPHTHALATE	O625HN
MBLK	0308900326WA90LE0286	MB1 FANT 1XLT	370UGKG	1.0000MSTAS	0FLUORANTHENE	O625HN
MBLK	0308900326WA90LE0286	MB1 PYR 1XLT	370UGKG	1.0000MSTAS	0PYRENE	O625HN
MBLK	0308900326WA90LE0286	MB1 BBZP 1XLT	370UGKG	1.0000MSTAS	0BUTYLBENZYLPHTHALATEO	O625HN
MBLK	0308900326WA90LE0286	MB1 33CL2B1XLT	740UGKG	1.0000MSTAS	03,3'-DICHLORO BENZIDIO	O625HN
MBLK	0308900326WA90LE0286	MB1 BAANTR1XLT	370UGKG	1.0000MSTAS	0BENZO (A) ANTHRACENE	O625HN
MBLK	0308900326WA90LE0286	MB1 CHRY 1XLT	370UGKG	1.0000MSTAS	0CHRYSENE	O625HN
MBLK	0308900326WA90LE0286	MB1 B2EHP 1XLT	370UGKG	1.0000MSTAS	0BIS (2-ETHYLHEXYL) PHTO	O625HN
MBLK	0308900326WA90LE0286	MB1 DNOP 1XLT	370UGKG	1.0000MSTAS	0DI-N-OCTYL PHTHALATEO	O625HN
MBLK	0308900326WA90LE0286	MB1 BF2ANT1XLT	370UGKG	1.0000MSTAS	0BENZO (B) FLUORANTHENE	O625HN
MBLK	0308900326WA90LE0286	MB1 BKFANT1XLT	370UGKG	1.0000MSTAS	0BENZO (K) FLUORANTHENE	O625HN
MBLK	0308900326WA90LE0286	MB1 BAPYR 1XLT	370UGKG	1.0000MSTAS	0BENZO (A) PYRENE	O625HN
MBLK	0308900326WA90LE0286	MB1 ICDPYR1XLT	370UGKG	1.0000MSTAS	0INDENO (1,2,3-CD) PYREO	O625HN
MBLK	0308900326WA90LE0286	MB1 DBAHA 1XLT	370UGKG	1.0000MSTAS	0DIBENZO (A,H) ANTHRACEO	O625HN
MBLK	0308900326WA90LE0286	MB1 BGHIPY1XLT	370UGKG	1.0000MSTAS	0BENZO (G,H,I) PERYLENEO	O625HN
SBLK	0308900326WA90LE0286	MB1SNBD5 1X	49PER	1.0000MSTAS	1666.667NITROBENZENE-D5	O625HS
SBLK	0308900326WA90LE0286	MB1S2FBP 1X	61PER	1.0000MSTAS	1666.6672-FLUOROBIPHENYL	O625HS
SBLK	0308900326WA90LE0286	MB1SPTERP 1X	71PER	1.0000MSTAS	1666.667P-TERPHENYL-D14	O625HS
SBLK	0308900326WA90LE0286	MB1SPHEND51X	59PER	1.0000MSTAS	3333.334PHENOL-D5	O625HS
SBLK	0308900326WA90LE0286	MB1S2FP 1X	50PER	1.0000MSTAS	3333.3342-FLUOROPHENOL	O625HS
SBLK	0308900326WA90LE0286	MB1S246TBP1X	46PER	1.0000MSTAS	3333.3342,4,6-TRIBROMOPHENOLO	O625HS
SBLK	0308900326WA90LE0286	MB1SPHENOL1X	62PER	1.0000MSTAS	3333.334PHENOL	O625HS
SBLK	0308900326WA90LE0286	MB1SB2CEE 1XLT	370UGKG	1.0000MSTAS	0BIS (2-CHLOROETHYL) ETO	O625HS
SBLK	0308900326WA90LE0286	MB1S2CLP 1X	56PER	1.0000MSTAS	3333.3342-CHLOROPHENOL	O625HS
SBLK	0308900326WA90LE0286	MB1S13DCLB1X	910UGKG	1.0000MSTAS	01,3-DICHLORO BENZENE	O625HS
SBLK	0308900326WA90LE0286	MB1S14DCLB1X	51PER	1.0000MSTAS	1666.6671,4-DICHLORO BENZENE	O625HS
SBLK	0308900326WA90LE0286	MB1SBZALC 1XLT	370UGKG	1.0000MSTAS	0BENZYL ALCOHOL	O625HS
SBLK	0308900326WA90LE0286	MB1S12DCLB1XLT	370UGKG	1.0000MSTAS	01,2-DICHLORO BENZENE	O625HS

SBLK	0308900326WA90LE0286	MB1S2MP 1XLT	370UGKG	1.0000MSTAS	02-METHYLPHENOL	0625HS
SBLK	0308900326WA90LE0286	MB1SB2CIPE1XLT	370UGKG	1.0000MSTAS	0BIS (2-CHLOROISOPROPYLO625HS	
SBLK	0308900326WA90LE0286	MB1S4MP 1XLT	370UGKG	1.0000MSTAS	04-METHYLPHENOL	0625HS
SBLK	0308900326WA90LE0286	MB1SNDNPA 1X	49PER	1.0000MSTAS	1666.667N-NITROSO-DI-N-PROPYLO625HS	
SBLK	0308900326WA90LE0286	MB1SCL6ET 1XLT	370UGKG	1.0000MSTAS	0HEXACHLOROETHANE	0625HS
SBLK	0308900326WA90LE0286	MB1SNB 1XLT	370UGKG	1.0000MSTAS	0NITROBENZENE	0625HS
SBLK	0308900326WA90LE0286	MB1SISOPHR1XLT	370UGKG	1.0000MSTAS	0ISOPHORONE	0625HS
SBLK	0308900326WA90LE0286	MB1S2NP 1XLT	370UGKG	1.0000MSTAS	02-NITROPHENOL	0625HS
SBLK	0308900326WA90LE0286	MB1S24DMPN1XLT	370UGKG	1.0000MSTAS	02,4-DIMETHYLPHENOL	0625HS
SBLK	0308900326WA90LE0286	MB1SBENZOA1XLT	1800UGKG	1.0000MSTAS	0BENZOIC ACID	0625HS
SBLK	0308900326WA90LE0286	MB1SB2CEXM1XLT	370UGKG	1.0000MSTAS	0BIS (2-CHLOROETHOXY) MO625HS	
SBLK	0308900326WA90LE0286	MB1S24DCLP1XLT	370UGKG	1.0000MSTAS	02,4-DICHLOROPHENOL	0625HS
SBLK	0308900326WA90LE0286	MB1S124TCB1X	62PER	1.0000MSTAS	1666.6671,2,4-TRICHLOROBEZNEO625HS	
SBLK	0308900326WA90LE0286	MB1SNAP 1XLT	370UGKG	1.0000MSTAS	0NAPHTHALENE	0625HS
SBLK	0308900326WA90LE0286	MB1S4CANIL1XLT	370UGKG	1.0000MSTAS	04-CHLOROANILINE	0625HS
SBLK	0308900326WA90LE0286	MB1SHQBD 1XLT	370UGKG	1.0000MSTAS	0HEXACHLOROBUTADIENE	0625HS
SBLK	0308900326WA90LE0286	MB1S4CL3C 1X	53PER	1.0000MSTAS	3333.3344-CHLORO-3-METHYLPHEO625HS	
SBLK	0308900326WA90LE0286	MB1S2MENAP1XLT	370UGKG	1.0000MSTAS	02-METHYLNAPHTHALENE	0625HS
SBLK	0308900326WA90LE0286	MB1SCL6CP 1XLT	370UGKG	1.0000MSTAS	0HEXACHLOROCYCLOPENTAO625HS	
SBLK	0308900326WA90LE0286	MB1S246TCP1XLT	370UGKG	1.0000MSTAS	02,4,6-TRICHLOROPHENOO625HS	
SBLK	0308900326WA90LE0286	MB1S245TCP1XLT	1800UGKG	1.0000MSTAS	02,4,5-TRICHLOROPHENOO625HS	
SBLK	0308900326WA90LE0286	MB1S2CNAP 1XLT	370UGKG	1.0000MSTAS	02-CHLORONAPHTHALENE	0625HS
SBLK	0308900326WA90LE0286	MB1S2NANIL1XLT	1800UGKG	1.0000MSTAS	02-NITROANILINE	0625HS
SBLK	0308900326WA90LE0286	MB1SDMP 1XLT	370UGKG	1.0000MSTAS	0DIMETHYLPHTHALATE	0625HS
SBLK	0308900326WA90LE0286	MB1SANAPYL1XLT	370UGKG	1.0000MSTAS	0ACENAPHTHYLENE	0625HS
SBLK	0308900326WA90LE0286	MB1S26DNT 1XLT	370UGKG	1.0000MSTAS	02,6-DINITROTOLUENE	0625HS
SBLK	0308900326WA90LE0286	MB1S3NANIL1XLT	1800UGKG	1.0000MSTAS	03-NITROANILINE	0625HS
SBLK	0308900326WA90LE0286	MB1SANAPNE1X	72PER	1.0000MSTAS	1666.667ACENAPHTHENE	0625HS
SBLK	0308900326WA90LE0286	MB1S24DNP 1XLT	1800UGKG	1.0000MSTAS	02,4-DINITROPHENOL	0625HS
SBLK	0308900326WA90LE0286	MB1S4NP 1X	89PER	1.0000MSTAS	3333.3344-NITROPHENOL	0625HS
SBLK	0308900326WA90LE0286	MB1SDIBZFU1XLT	370UGKG	1.0000MSTAS	0DIBENZOFURAN	0625HS
SBLK	0308900326WA90LE0286	MB1S24DNT 1X	58PER	1.0000MSTAS	1666.6672,4-DINITROTOLUENE	0625HS
SBLK	0308900326WA90LE0286	MB1SDEP 1XLT	370UGKG	1.0000MSTAS	0DIETHYLPHTHALATE	0625HS
SBLK	0308900326WA90LE0286	MB1S4CLPPE1XLT	370UGKG	1.0000MSTAS	04-CHLOROPHENYL-PHENYO625HS	
SBLK	0308900326WA90LE0286	MB1SFLRENE1XLT	370UGKG	1.0000MSTAS	0FLUORENE	0625HS
SBLK	0308900326WA90LE0286	MB1S4NANIL1XLT	1800UGKG	1.0000MSTAS	04-NITROANILINE	0625HS
SBLK	0308900326WA90LE0286	MB1S46DN2C1XLT	1800UGKG	1.0000MSTAS	04,6-DINITRO-2-METHYLO625HS	
SBLK	0308900326WA90LE0286	MB1SNNDPA 1XLT	370UGKG	1.0000MSTAS	0N-NITROSODIPHENYLAMIO625HS	
SBLK	0308900326WA90LE0286	MB1S4BRPPE1XLT	370UGKG	1.0000MSTAS	04-BROMOPHENYL-PHENYLO625HS	
SBLK	0308900326WA90LE0286	MB1SCL6BZ 1XLT	370UGKG	1.0000MSTAS	0HEXACHLOROBENZENE	0625HS
SBLK	0308900326WA90LE0286	MB1SPCP 1X	68PER	1.0000MSTAS	3333.334PENTACHLOROPHENOL	0625HS
SBLK	0308900326WA90LE0286	MB1SPHANTR1XLT	370UGKG	1.0000MSTAS	0PHENANTHRENE	0625HS
SBLK	0308900326WA90LE0286	MB1SANTRC 1XLT	370UGKG	1.0000MSTAS	0ANTHRACENE	0625HS
SBLK	0308900326WA90LE0286	MB1SDNBP 1XLT	370UGKG	1.0000MSTAS	0DI-N-BUTYLPHTHALATE	0625HS
SBLK	0308900326WA90LE0286	MB1SFANT 1XLT	370UGKG	1.0000MSTAS	0FLUORANTHENE	0625HS
SBLK	0308900326WA90LE0286	MB1SPYR 1X	92PER	1.0000MSTAS	1666.667PYRENE	0625HS
SBLK	0308900326WA90LE0286	MB1SBBZP 1XLT	370UGKG	1.0000MSTAS	0BUTYLBENZYLPHTHALATEO625HS	
SBLK	0308900326WA90LE0286	MB1S33CL2B1XLT	740UGKG	1.0000MSTAS	03,3'-DICHLOROBENZIDIO625HS	

SBLK	0308900326WA90LE0286	MB1SBAANTR1XLT	370UGKG	1.0000MSTAS	0BENZO (A) ANTHRACENE	O625HS
SBLK	0308900326WA90LE0286	MB1SCHRY 1XLT	370UGKG	1.0000MSTAS	0CHRYSENE	O625HS
SBLK	0308900326WA90LE0286	MB1SB2EHP 1XLT	370UGKG	1.0000MSTAS	0BIS (2-ETHYLHEXYL) PHTO	625HS
SBLK	0308900326WA90LE0286	MB1SDNOP 1XLT	370UGKG	1.0000MSTAS	0DI-N-OCTYL PHTHALATEO	625HS
SBLK	0308900326WA90LE0286	MB1SBF2ANT1XLT	370UGKG	1.0000MSTAS	0BENZO (B) FLUORANTHENE	O625HS
SBLK	0308900326WA90LE0286	MB1SBKFANT1XLT	370UGKG	1.0000MSTAS	0BENZO (K) FLUORANTHENE	O625HS
SBLK	0308900326WA90LE0286	MB1SBAPYR 1XLT	370UGKG	1.0000MSTAS	0BENZO (A) PYRENE	O625HS
SBLK	0308900326WA90LE0286	MB1SICDPYR1XLT	370UGKG	1.0000MSTAS	0INDENO (1, 2, 3-CD) PYREO	625HS
SBLK	0308900326WA90LE0286	MB1SDBAHA 1XLT	370UGKG	1.0000MSTAS	0DIBENZO (A, H) ANTHRACEO	625HS
SBLK	0308900326WA90LE0286	MB1SBGHIPY1XLT	370UGKG	1.0000MSTAS	0BENZO (G, H, I) PERYLENE	O625HS
MBLK	0302900002WA90LTZ002	MB1 TOC 9ILT	20.0MGKG	10DODKS	0TOTAL ORGANIC CARBONIOCT	N
SBLK	0302900002WA90LTZ002	MB1STOC 9I	100PER	10DODKS	400TOTAL ORGANIC CARBONIOCT	S
SBLK	0302900002WA90LTZ002	MB1TTOC 9I	101PER	10DODKS	400TOTAL ORGANIC CARBONIOCT	T
MBLK	0302900002WA90LTZ002	MB2 TOC 9ILT	20.0MGKG	10DODKS	0TOTAL ORGANIC CARBONIOCT	N
SBLK	0302900002WA90LTZ002	MB2STOC 9I	100PER	10DODKS	400TOTAL ORGANIC CARBONIOCT	S
MBLK	0302900035WA90LVK035	MB1 MEC6D82J	104PER	1.0000MSB	50.000TOLUENE-D8	O624HN
MBLK	0302900035WA90LVK035	MB1 PBFB 2J	96PER	1.0000MSB	50.000BROMOFLUOROBENZENE	O624HN
MBLK	0302900035WA90LVK035	MB1 12DCD42J	104PER	1.0000MSB	50.0001, 2-DICHLOROETHANE-DO	624HN
MBLK	0302900035WA90LVK035	MB1 CH3CL 2JLT	10UGL	1.0000MSB	0CHLOROMETHANE	O624HN
MBLK	0302900035WA90LVK035	MB1 CH3BR 2JLT	10UGL	1.0000MSB	0BROMOMETHANE	O624HN
MBLK	0302900035WA90LVK035	MB1 C2H3CL2JLT	10UGL	1.0000MSB	0VINYL CHLORIDE	O624HN
MBLK	0302900035WA90LVK035	MB1 C2H5CL2JLT	10UGL	1.0000MSB	0CHLOROETHANE	O624HN
MBLK	0302900035WA90LVK035	MB1 CH2CL22J	7UGL	1.0000MSB	0METHYLENE CHLORIDE	O624HN
MBLK	0302900035WA90LVK035	MB1 ACET 2JLT	10UGL	1.0000MSB	0ACETONE	O624HN
MBLK	0302900035WA90LVK035	MB1 CS2 2JLT	5UGL	1.0000MSB	0CARBON DISULFIDE	O624HN
MBLK	0302900035WA90LVK035	MB1 11DCE 2JLT	5UGL	1.0000MSB	01, 1-DICHLOROETHENE	O624HN
MBLK	0302900035WA90LVK035	MB1 11DCE2JLT	5UGL	1.0000MSB	01, 1-DICHLOROETHANE	O624HN
MBLK	0302900035WA90LVK035	MB1 T12DCE2JLT	5UGL	1.0000MSB	01, 2-DICHLOROETHENE	(O624HN
MBLK	0302900035WA90LVK035	MB1 CHCL3 2JLT	5UGL	1.0000MSB	0CHLOROFORM	O624HN
MBLK	0302900035WA90LVK035	MB1 12DCE2JLT	5UGL	1.0000MSB	01, 2-DICHLOROETHANE	O624HN
MBLK	0302900035WA90LVK035	MB1 MEK 2JLT	10UGL	1.0000MSB	02-BUTANONE	O624HN
MBLK	0302900035WA90LVK035	MB1 111TCE2JLT	5UGL	1.0000MSB	01, 1, 1-TRICHLOROETHANO	624HN
MBLK	0302900035WA90LVK035	MB1 CCL4 2JLT	5UGL	1.0000MSB	0CARBON TETRACHLORIDE	O624HN
MBLK	0302900035WA90LVK035	MB1 VINYL2JLT	10UGL	1.0000MSB	0VINYL ACETATE	O624HN
MBLK	0302900035WA90LVK035	MB1 BRDCLM2JLT	5UGL	1.0000MSB	0BROMODICHLOROMETHANE	O624HN
MBLK	0302900035WA90LVK035	MB1 12DCLP2JLT	5UGL	1.0000MSB	01, 2-DICHLOROPROPANE	O624HN
MBLK	0302900035WA90LVK035	MB1 13DCPC2JLT	5UGL	1.0000MSB	0CIS-1, 3-DICHLOROPROPO	624HN
MBLK	0302900035WA90LVK035	MB1 TRCLE 2J	5UGL	1.0000MSB	0TRICHLOROETHENE	O624HN
MBLK	0302900035WA90LVK035	MB1 DBRCLM2JLT	5UGL	1.0000MSB	0DIBROMOCHLOROMETHANE	O624HN
MBLK	0302900035WA90LVK035	MB1 112TCE2JLT	5UGL	1.0000MSB	01, 1, 2-TRICHLOROETHANO	624HN
MBLK	0302900035WA90LVK035	MB1 C6H6 2JLT	5UGL	1.0000MSB	0BENZENE	O624HN
MBLK	0302900035WA90LVK035	MB1 T13DCP2JLT	5UGL	1.0000MSB	0TRANS-1, 3-DICHLOROPRO	624HN
MBLK	0302900035WA90LVK035	MB1 CHBR3 2JLT	5UGL	1.0000MSB	0BROMOFORM	O624HN
MBLK	0302900035WA90LVK035	MB1 4ME2PE2JLT	10UGL	1.0000MSB	04-METHYL-2-PENTANONE	O624HN
MBLK	0302900035WA90LVK035	MB1 2HXONE2JLT	10UGL	1.0000MSB	02-HEXANONE	O624HN
MBLK	0302900035WA90LVK035	MB1 TCLEE 2JLT	5UGL	1.0000MSB	0TETRACHLOROETHENE	O624HN
MBLK	0302900035WA90LVK035	MB1 TCLEA 2JLT	5UGL	1.0000MSB	01, 1, 2, 2-TETRACHLOROEO	624HN
MBLK	0302900035WA90LVK035	MB1 MEC6H52JLT	5UGL	1.0000MSB	0TOLUENE	O624HN

MBLK	0302900035WA90LVK035	MB1	CLC6H52JLT	JUGL	1.0000MSB	0CHLOROBENZENE	0624HN
MBLK	0302900035WA90LVK035	MB1	ETC6H52JLT	SUGL	1.0000MSB	0ETHYLBENZENE	0624HN
MBLK	0302900035WA90LVK035	MB1	STYR 2JLT	SUGL	1.0000MSB	0STYRENE	0624HN
MBLK	0302900035WA90LVK035	MB1	XYLEN 2JLT	SUGL	1.0000MSB	0XYLENE (TOTAL)	0624HN
MBLK	0228900032WA90LVW032	MB1	MEC6D82J	108PER	1.0000MSJBD	50.000TOLUENE-D8	0624HN
MBLK	0228900032WA90LVW032	MB1	PBFB 2J	108PER	1.0000MSJBD	50.000BROMOFLUOROBENZENE	0624HN
MBLK	0228900032WA90LVW032	MB1	12DCD42J	114PER	1.0000MSJBD	50.0001,2-DICHLOROETHANE-DO	0624HN
MBLK	0228900032WA90LVW032	MB1	CH3CL 2JLT	10UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
MBLK	0228900032WA90LVW032	MB1	CH3BR 2JLT	10UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
MBLK	0228900032WA90LVW032	MB1	C2H3CL2JLT	10UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
MBLK	0228900032WA90LVW032	MB1	C2H5CL2JLT	10UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
MBLK	0228900032WA90LVW032	MB1	CH2CL22J	9UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
MBLK	0228900032WA90LVW032	MB1	ACET 2J	10UGKG	1.0000MSJBD	0ACETONE	0624HN
MBLK	0228900032WA90LVW032	MB1	CS2 2JLT	5UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
MBLK	0228900032WA90LVW032	MB1	11DCE 2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
MBLK	0228900032WA90LVW032	MB1	11DCLE2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
MBLK	0228900032WA90LVW032	MB1	T12DCE2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN
MBLK	0228900032WA90LVW032	MB1	CHCL3 2JLT	5UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
MBLK	0228900032WA90LVW032	MB1	12DCLE2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN
MBLK	0228900032WA90LVW032	MB1	MEK 2JLT	10UGKG	1.0000MSJBD	02-BUTANONE	0624HN
MBLK	0228900032WA90LVW032	MB1	111TCE2JLT	5UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANO	0624HN
MBLK	0228900032WA90LVW032	MB1	CCL4 2JLT	5UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HN
MBLK	0228900032WA90LVW032	MB1	VINYLA2JLT	10UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN
MBLK	0228900032WA90LVW032	MB1	BRDCLM2JLT	5UGKG	1.0000MSJBD	0BROMODICHLOROMETHANE	0624HN
MBLK	0228900032WA90LVW032	MB1	12DCLP2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN
MBLK	0228900032WA90LVW032	MB1	13DCPC2JLT	5UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPRO	0624HN
MBLK	0228900032WA90LVW032	MB1	TRCLE 2JLT	5UGKG	1.0000MSJBD	0TRICHLOROETHENE	0624HN
MBLK	0228900032WA90LVW032	MB1	DBRCLM2JLT	5UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANE	0624HN
MBLK	0228900032WA90LVW032	MB1	112TCE2JLT	5UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO	0624HN
MBLK	0228900032WA90LVW032	MB1	C6H6 2JLT	5UGKG	1.0000MSJBD	0BENZENE	0624HN
MBLK	0228900032WA90LVW032	MB1	T13DCP2JLT	5UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	0624HN
MBLK	0228900032WA90LVW032	MB1	CHBR3 2JLT	5UGKG	1.0000MSJBD	0BROMOFORM	0624HN
MBLK	0228900032WA90LVW032	MB1	4ME2PE2JLT	10UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	0624HN
MBLK	0228900032WA90LVW032	MB1	2HXONE2JLT	10UGKG	1.0000MSJBD	02-HEXANONE	0624HN
MBLK	0228900032WA90LVW032	MB1	TCLEE 2JLT	5UGKG	1.0000MSJBD	0TETRACHLOROETHENE	0624HN
MBLK	0228900032WA90LVW032	MB1	TCLEA 2JLT	5UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	0624HN
MBLK	0228900032WA90LVW032	MB1	MEC6H52JLT	5UGKG	1.0000MSJBD	0TOLUENE	0624HN
MBLK	0228900032WA90LVW032	MB1	CLC6H52JLT	5UGKG	1.0000MSJBD	0CHLOROBENZENE	0624HN
MBLK	0228900032WA90LVW032	MB1	ETC6H52JLT	5UGKG	1.0000MSJBD	0ETHYLBENZENE	0624HN
MBLK	0228900032WA90LVW032	MB1	STYR 2JLT	5UGKG	1.0000MSJBD	0STYRENE	0624HN
MBLK	0228900032WA90LVW032	MB1	XYLEN 2JLT	5UGKG	1.0000MSJBD	0XYLENE (TOTAL)	0624HN
MBLK	0301900033WA90LVW033	MB1	MEC6D82J	105PER	1.0000MSJBD	50.000TOLUENE-D8	0624HN
MBLK	0301900033WA90LVW033	MB1	PBFB 2J	111PER	1.0000MSJBD	50.000BROMOFLUOROBENZENE	0624HN
MBLK	0301900033WA90LVW033	MB1	12DCD42J	100PER	1.0000MSJBD	50.0001,2-DICHLOROETHANE-DO	0624HN
MBLK	0301900033WA90LVW033	MB1	CH3CL 2JLT	10UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
MBLK	0301900033WA90LVW033	MB1	CH3BR 2JLT	10UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
MBLK	0301900033WA90LVW033	MB1	C2H3CL2JLT	10UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
MBLK	0301900033WA90LVW033	MB1	C2H5CL2JLT	10UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN

MBLK	0301900033WA90LVW033	MB1	CH2CL22J	10UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
MBLK	0301900033WA90LVW033	MB1	ACET 2J	21UGKG	1.0000MSJBD	0ACETONE	0624HN
MBLK	0301900033WA90LVW033	MB1	CS2 2JLT	5UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
MBLK	0301900033WA90LVW033	MB1	11DCE 2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
MBLK	0301900033WA90LVW033	MB1	11DCLE2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
MBLK	0301900033WA90LVW033	MB1	T12DCE2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN
MBLK	0301900033WA90LVW033	MB1	CHCL3 2JLT	5UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
MBLK	0301900033WA90LVW033	MB1	12DCLE2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN
MBLK	0301900033WA90LVW033	MB1	MEK 2JLT	10UGKG	1.0000MSJBD	02-BUTANONE	0624HN
MBLK	0301900033WA90LVW033	MB1	111TCE2JLT	5UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANE	0624HN
MBLK	0301900033WA90LVW033	MB1	CCL4 2JLT	5UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HN
MBLK	0301900033WA90LVW033	MB1	VINYLA2JLT	10UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN
MBLK	0301900033WA90LVW033	MB1	BRDCLM2JLT	5UGKG	1.0000MSJBD	0BROMODICHLOROMETHANE	0624HN
MBLK	0301900033WA90LVW033	MB1	12DCLP2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN
MBLK	0301900033WA90LVW033	MB1	13DCPC2JLT	5UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	0624HN
MBLK	0301900033WA90LVW033	MB1	TRCLE 2JLT	5UGKG	1.0000MSJBD	0TRICHLOROETHENE	0624HN
MBLK	0301900033WA90LVW033	MB1	DBRCLM2JLT	5UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANE	0624HN
MBLK	0301900033WA90LVW033	MB1	112TCE2JLT	5UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANE	0624HN
MBLK	0301900033WA90LVW033	MB1	C6H6 2JLT	5UGKG	1.0000MSJBD	0BENZENE	0624HN
MBLK	0301900033WA90LVW033	MB1	T13DCP2JLT	5UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	0624HN
MBLK	0301900033WA90LVW033	MB1	CHBR3 2JLT	5UGKG	1.0000MSJBD	0BROMOFORM	0624HN
MBLK	0301900033WA90LVW033	MB1	4ME2PE2JLT	10UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	0624HN
MBLK	0301900033WA90LVW033	MB1	2HXONE2JLT	10UGKG	1.0000MSJBD	02-HEXANONE	0624HN
MBLK	0301900033WA90LVW033	MB1	TCLEE 2JLT	5UGKG	1.0000MSJBD	0TETRACHLOROETHENE	0624HN
MBLK	0301900033WA90LVW033	MB1	TCLEA 2JLT	5UGKG	1.0000MSJBD	01,1,2,2-TETRACHLORO	0624HN
MBLK	0301900033WA90LVW033	MB1	MEC6H52JLT	5UGKG	1.0000MSJBD	0TOLUENE	0624HN
MBLK	0301900033WA90LVW033	MB1	CLC6H52JLT	5UGKG	1.0000MSJBD	0CHLOROBENZENE	0624HN
MBLK	0301900033WA90LVW033	MB1	ETC6H52JLT	5UGKG	1.0000MSJBD	0ETHYLBENZENE	0624HN
MBLK	0301900033WA90LVW033	MB1	STYR 2JLT	5UGKG	1.0000MSJBD	0STYRENE	0624HN
MBLK	0301900033WA90LVW033	MB1	XYLEN 2JLT	5UGKG	1.0000MSJBD	0XYLENE (TOTAL)	0624HN
MBLK	0302900034WA90LVW034	MB1	MEC6D82J	105PER	1.0000MSJBD	50.000TOLUENE-D8	0624HN
MBLK	0302900034WA90LVW034	MB1	PBFB 2J	107PER	1.0000MSJBD	50.000BROMOFLUOROBENZENE	0624HN
MBLK	0302900034WA90LVW034	MB1	12DCD42J	107PER	1.0000MSJBD	50.0001,2-DICHLOROETHANE-D0	0624HN
MBLK	0302900034WA90LVW034	MB1	CH3CL 2JLT	10UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
MBLK	0302900034WA90LVW034	MB1	CH3BR 2JLT	10UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
MBLK	0302900034WA90LVW034	MB1	C2H3CL2JLT	10UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
MBLK	0302900034WA90LVW034	MB1	C2H5CL2JLT	10UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
MBLK	0302900034WA90LVW034	MB1	CH2CL22J	6UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
MBLK	0302900034WA90LVW034	MB1	ACET 2JLT	10UGKG	1.0000MSJBD	0ACETONE	0624HN
MBLK	0302900034WA90LVW034	MB1	CS2 2JLT	5UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
MBLK	0302900034WA90LVW034	MB1	11DCE 2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
MBLK	0302900034WA90LVW034	MB1	11DCLE2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
MBLK	0302900034WA90LVW034	MB1	T12DCE2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN
MBLK	0302900034WA90LVW034	MB1	CHCL3 2JLT	5UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
MBLK	0302900034WA90LVW034	MB1	12DCLE2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN
MBLK	0302900034WA90LVW034	MB1	MEK 2JLT	10UGKG	1.0000MSJBD	02-BUTANONE	0624HN
MBLK	0302900034WA90LVW034	MB1	111TCE2JLT	5UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANE	0624HN
MBLK	0302900034WA90LVW034	MB1	CCL4 2JLT	5UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HN

MBLK	0302900034WA90LVW034	MB1	VINYLA2JLT	10UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN
MBLK	0302900034WA90LVW034	MB1	BRDCLM2JLT	5UGKG	1.0000MSJBD	0BROMODICHLOROMETHANEO624HN	
MBLK	0302900034WA90LVW034	MB1	12DCLP2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN
MBLK	0302900034WA90LVW034	MB1	13DCPC2JLT	5UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO624HN	
MBLK	0302900034WA90LVW034	MB1	TRCLE 2JLT	5UGKG	1.0000MSJBD	0TRICHLOROETHENE	0624HN
MBLK	0302900034WA90LVW034	MB1	DBRCLM2JLT	5UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANEO624HN	
MBLK	0302900034WA90LVW034	MB1	112TCE2JLT	5UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO624HN	
MBLK	0302900034WA90LVW034	MB1	C6H6 2JLT	5UGKG	1.0000MSJBD	0BENZENE	0624HN
MBLK	0302900034WA90LVW034	MB1	T13DCP2JLT	5UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO624HN	
MBLK	0302900034WA90LVW034	MB1	CHBR3 2JLT	5UGKG	1.0000MSJBD	0BROMOFORM	0624HN
MBLK	0302900034WA90LVW034	MB1	4ME2PE2JLT	10UGKG	1.0000MSJBD	04-METHYL-2-PENTANONEO624HN	
MBLK	0302900034WA90LVW034	MB1	2HXONE2JLT	10UGKG	1.0000MSJBD	02-HEXANONE	0624HN
MBLK	0302900034WA90LVW034	MB1	TCLEE 2JLT	5UGKG	1.0000MSJBD	0TETRACHLOROETHENE	0624HN
MBLK	0302900034WA90LVW034	MB1	TCLEA 2JLT	5UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO624HN	
MBLK	0302900034WA90LVW034	MB1	MEC6H52JLT	5UGKG	1.0000MSJBD	0TOLUENE	0624HN
MBLK	0302900034WA90LVW034	MB1	CLC6H52JLT	5UGKG	1.0000MSJBD	0CHLOROBENZENE	0624HN
MBLK	0302900034WA90LVW034	MB1	ETC6H52JLT	5UGKG	1.0000MSJBD	0ETHYLBENZENE	0624HN
MBLK	0302900034WA90LVW034	MB1	STYR 2JLT	5UGKG	1.0000MSJBD	0STYRENE	0624HN
MBLK	0302900034WA90LVW034	MB1	XYLEN 2JLT	5UGKG	1.0000MSJBD	0XYLENE (TOTAL)	0624HN
MBLK	0305900036WA90LVW036	MB1	MEC6D82J	92PER	1.0000MSJBD	50.000TOLUENE-D8	0624HN
MBLK	0305900036WA90LVW036	MB1	PBFB 2J	97PER	1.0000MSJBD	50.000BROMOFLUOROBENZENE	0624HN
MBLK	0305900036WA90LVW036	MB1	12DCD42J	84PER	1.0000MSJBD	50.0001,2-DICHLOROETHANE-DO624HN	
MBLK	0305900036WA90LVW036	MB1	CH3CL 2JLT	10UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
MBLK	0305900036WA90LVW036	MB1	CH3BR 2JLT	10UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
MBLK	0305900036WA90LVW036	MB1	C2H3CL2JLT	10UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
MBLK	0305900036WA90LVW036	MB1	C2H5CL2JLT	10UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
MBLK	0305900036WA90LVW036	MB1	CH2CL22J	8UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
MBLK	0305900036WA90LVW036	MB1	ACET 2J	16UGKG	1.0000MSJBD	0ACETONE	0624HN
MBLK	0305900036WA90LVW036	MB1	CS2 2JLT	5UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
MBLK	0305900036WA90LVW036	MB1	11DCE 2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
MBLK	0305900036WA90LVW036	MB1	11DCE2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
MBLK	0305900036WA90LVW036	MB1	T12DCE2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN
MBLK	0305900036WA90LVW036	MB1	CHCL3 2JLT	5UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
MBLK	0305900036WA90LVW036	MB1	12DCE2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN
MBLK	0305900036WA90LVW036	MB1	MEK 2JLT	10UGKG	1.0000MSJBD	02-BUTANONE	0624HN
MBLK	0305900036WA90LVW036	MB1	111TCE2JLT	5UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANO624HN	
MBLK	0305900036WA90LVW036	MB1	CCL4 2JLT	5UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE0624HN	
MBLK	0305900036WA90LVW036	MB1	VINYLA2JLT	10UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN
MBLK	0305900036WA90LVW036	MB1	BRDCLM2JLT	5UGKG	1.0000MSJBD	0BROMODICHLOROMETHANEO624HN	
MBLK	0305900036WA90LVW036	MB1	12DCLP2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN
MBLK	0305900036WA90LVW036	MB1	13DCPC2JLT	5UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO624HN	
MBLK	0305900036WA90LVW036	MB1	TRCLE 2JLT	5UGKG	1.0000MSJBD	0TRICHLOROETHENE	0624HN
MBLK	0305900036WA90LVW036	MB1	DBRCLM2JLT	5UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANEO624HN	
MBLK	0305900036WA90LVW036	MB1	112TCE2JLT	5UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO624HN	
MBLK	0305900036WA90LVW036	MB1	C6H6 2JLT	5UGKG	1.0000MSJBD	0BENZENE	0624HN
MBLK	0305900036WA90LVW036	MB1	T13DCP2JLT	5UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO624HN	
MBLK	0305900036WA90LVW036	MB1	CHBR3 2JLT	5UGKG	1.0000MSJBD	0BROMOFORM	0624HN
MBLK	0305900036WA90LVW036	MB1	4ME2PE2JLT	10UGKG	1.0000MSJBD	04-METHYL-2-PENTANONEO624HN	

MBLK	0305900036WA90LVW036	MB1	2HXONE2JLT	10UGKG	1.0000MSJBD	02-HEXANONE	O624HN
MBLK	0305900036WA90LVW036	MB1	TCLEE 2JLT	5UGKG	1.0000MSJBD	0TETRACHLOROETHENE	O624HN
MBLK	0305900036WA90LVW036	MB1	TCLEA 2JLT	5UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	O624HN
MBLK	0305900036WA90LVW036	MB1	MEC6H52JLT	5UGKG	1.0000MSJBD	0TOLUENE	O624HN
MBLK	0305900036WA90LVW036	MB1	CLC6H52JLT	5UGKG	1.0000MSJBD	0CHLOROBENZENE	O624HN
MBLK	0305900036WA90LVW036	MB1	ETC6H52JLT	5UGKG	1.0000MSJBD	0ETHYLBENZENE	O624HN
MBLK	0305900036WA90LVW036	MB1	STYR 2JLT	5UGKG	1.0000MSJBD	0STYRENE	O624HN
MBLK	0305900036WA90LVW036	MB1	XYLEN 2JLT	5UGKG	1.0000MSJBD	0XYLENE (TOTAL)	O624HN

GRS	0201	0319900327900051WA9003L865	001	MEC6D82J	89PER	1.0000MSJBD	61.000TOLUENE-D8	0624HN
GRS	0201	0319900327900051WA9003L865	001	PBFB 2J	96PER	1.0000MSJBD	61.000BROMOFLUOROBENZENE	0624HN
GRS	0201	0319900327900051WA9003L865	001	12DCD42J	80PER	1.0000MSJBD	61.0001,2-DICHLOROETHANE-DO	0624HN
GRS	0201	0319900327900051WA9003L865	001	CH3CL 2JLT	12UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
GRS	0201	0319900327900051WA9003L865	001	CH3BR 2JLT	12UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
GRS	0201	0319900327900051WA9003L865	001	C2H3CL2JLT	12UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
GRS	0201	0319900327900051WA9003L865	001	C2H5CL2JLT	12UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
GRS	0201	0319900327900051WA9003L865	001	CH2CL22JB	11UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
GRS	0201	0319900327900051WA9003L865	001	ACET 2JLT	12UGKG	1.0000MSJBD	0ACETONE	0624HN
GRS	0201	0319900327900051WA9003L865	001	CS2 2JLT	6UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
GRS	0201	0319900327900051WA9003L865	001	11DCE 2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
GRS	0201	0319900327900051WA9003L865	001	11DCLE2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
GRS	0201	0319900327900051WA9003L865	001	T12DCE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN
GRS	0201	0319900327900051WA9003L865	001	CHCL3 2JLT	6UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
GRS	0201	0319900327900051WA9003L865	001	12DCLE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN
GRS	0201	0319900327900051WA9003L865	001	MEK 2JLT	12UGKG	1.0000MSJBD	02-BUTANONE	0624HN
GRS	0201	0319900327900051WA9003L865	001	111TCE2JLT	6UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANO	0624HN
GRS	0201	0319900327900051WA9003L865	001	CCL4 2JLT	6UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HN
GRS	0201	0319900327900051WA9003L865	001	VINYLA2JLT	12UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN
GRS	0201	0319900327900051WA9003L865	001	BRDCLM2JLT	6UGKG	1.0000MSJBD	0BROMODICHLOROMETHANEO	0624HN
GRS	0201	0319900327900051WA9003L865	001	12DCLP2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN
GRS	0201	0319900327900051WA9003L865	001	13DCPC2JLT	6UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	0624HN
GRS	0201	0319900327900051WA9003L865	001	TRCLE 2JLT	6UGKG	1.0000MSJBD	0TRICHLOROETHENE	0624HN
GRS	0201	0319900327900051WA9003L865	001	DBRCLM2JLT	6UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANEO	0624HN
GRS	0201	0319900327900051WA9003L865	001	112TCE2JLT	6UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO	0624HN
GRS	0201	0319900327900051WA9003L865	001	C6H6 2JLT	6UGKG	1.0000MSJBD	0BENZENE	0624HN
GRS	0201	0319900327900051WA9003L865	001	T13DCP2JLT	6UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	0624HN
GRS	0201	0319900327900051WA9003L865	001	CHBR3 2JLT	6UGKG	1.0000MSJBD	0BROMOFORM	0624HN
GRS	0201	0319900327900051WA9003L865	001	4ME2PE2JLT	12UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	0624HN
GRS	0201	0319900327900051WA9003L865	001	2HXONE2JLT	12UGKG	1.0000MSJBD	02-HEXANONE	0624HN
GRS	0201	0319900327900051WA9003L865	001	TCLEE 2JLT	6UGKG	1.0000MSJBD	0TETRACHLOROETHENE	0624HN
GRS	0201	0319900327900051WA9003L865	001	TCLEA 2JLT	6UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	0624HN
GRS	0201	0319900327900051WA9003L865	001	MEC6H52JLT	6UGKG	1.0000MSJBD	0TOLUENE	0624HN
GRS	0201	0319900327900051WA9003L865	001	CLC6H52JLT	6UGKG	1.0000MSJBD	0CHLOROBENZENE	0624HN
GRS	0201	0319900327900051WA9003L865	001	ETC6H52JLT	6UGKG	1.0000MSJBD	0ETHYLBENZENE	0624HN
GRS	0201	0319900327900051WA9003L865	001	STYR 2JLT	6UGKG	1.0000MSJBD	0STYRENE	0624HN
GRS	0201	0319900327900051WA9003L865	001	XYLEN 2JLT	6UGKG	1.0000MSJBD	0XYLENE (TOTAL)	0624HN
GRS	0201	0319900402900406WA9003L865	001	NBD5 1X	65PER	1.0000MSCDT	1940.000NITROBENZENE-D5	0625HN
GRS	0201	0319900402900406WA9003L865	001	2FBP 1X	57PER	1.0000MSCDT	1940.0002-FLUOROBIPHENYL	0625HN
GRS	0201	0319900402900406WA9003L865	001	PTERP 1X	63PER	1.0000MSCDT	1940.000P-TERPHENYL-D14	0625HN
GRS	0201	0319900402900406WA9003L865	001	PHEND51X	79PER	1.0000MSCDT	3880.000PHENOL-D5	0625HN
GRS	0201	0319900402900406WA9003L865	001	2FP 1X	74PER	1.0000MSCDT	3880.0002-FLUOROPHENOL	0625HN
GRS	0201	0319900402900406WA9003L865	001	246TBP1X	77PER	1.0000MSCDT	3880.0002,4,6-TRIBROMOPHENOL	0625HN
GRS	0201	0319900402900406WA9003L865	001	PHENOL1XLT	390UGKG	1.0000MSCDT	0PHENOL	0625HN
GRS	0201	0319900402900406WA9003L865	001	B2CEE 1XLT	390UGKG	1.0000MSCDT	0BIS (2-CHLOROETHYL) ET	0625HN
GRS	0201	0319900402900406WA9003L865	001	2CLP 1XLT	390UGKG	1.0000MSCDT	02-CHLOROPHENOL	0625HN
GRS	0201	0319900402900406WA9003L865	001	13DCLB1XLT	390UGKG	1.0000MSCDT	01,3-DICHLOROBENZENE	0625HN
GRS	0201	0319900402900406WA9003L865	001	14DCLB1XLT	390UGKG	1.0000MSCDT	01,4-DICHLOROBENZENE	0625HN

GRS	0201	0319900402900406WA9003L865	001	BZALC 1XLT	390UGKG	1.0000MSCDT	0BENZYL ALCOHOL	O625HN
GRS	0201	0319900402900406WA9003L865	001	12DCLB1XLT	390UGKG	1.0000MSCDT	01,2-DICHLORO BENZENE	O625HN
GRS	0201	0319900402900406WA9003L865	001	2MP 1XLT	390UGKG	1.0000MSCDT	02-METHYLPHENOL	O625HN
GRS	0201	0319900402900406WA9003L865	001	B2CIPE1XLT	390UGKG	1.0000MSCDT	0BIS(2-CHLOROISOPROPYLO625HN	
GRS	0201	0319900402900406WA9003L865	001	4MP 1XLT	390UGKG	1.0000MSCDT	04-METHYLPHENOL	O625HN
GRS	0201	0319900402900406WA9003L865	001	NDNPA 1XLT	390UGKG	1.0000MSCDT	0N-NITROSO-DI-N-PROPYO625HN	
GRS	0201	0319900402900406WA9003L865	001	CL6ET 1XLT	390UGKG	1.0000MSCDT	0HEXACHLOROETHANE	O625HN
GRS	0201	0319900402900406WA9003L865	001	NB 1XLT	390UGKG	1.0000MSCDT	0NITROBENZENE	O625HN
GRS	0201	0319900402900406WA9003L865	001	ISOPHR1XLT	390UGKG	1.0000MSCDT	0ISOPHORONE	O625HN
GRS	0201	0319900402900406WA9003L865	001	2NP 1XLT	390UGKG	1.0000MSCDT	02-NITROPHENOL	O625HN
GRS	0201	0319900402900406WA9003L865	001	24DMPN1XLT	390UGKG	1.0000MSCDT	02,4-DIMETHYLPHENOL	O625HN
GRS	0201	0319900402900406WA9003L865	001	BENZO A1XLT	1900UGKG	1.0000MSCDT	0BENZOIC ACID	O625HN
GRS	0201	0319900402900406WA9003L865	001	B2CEXM1XLT	390UGKG	1.0000MSCDT	0BIS(2-CHLOROETHOXY)MO625HN	
GRS	0201	0319900402900406WA9003L865	001	24DCLP1XLT	390UGKG	1.0000MSCDT	02,4-DICHLOROPHENOL	O625HN
GRS	0201	0319900402900406WA9003L865	001	124TCB1XLT	390UGKG	1.0000MSCDT	01,2,4-TRICHLOROBENZEO625HN	
GRS	0201	0319900402900406WA9003L865	001	NAP 1XLT	390UGKG	1.0000MSCDT	0NAPHTHALENE	O625HN
GRS	0201	0319900402900406WA9003L865	001	4CANIL1XLT	390UGKG	1.0000MSCDT	04-CHLOROANILINE	O625HN
GRS	0201	0319900402900406WA9003L865	001	HCBD 1XLT	390UGKG	1.0000MSCDT	0HEXACHLOROBUTADIENE	O625HN
GRS	0201	0319900402900406WA9003L865	001	4CL3C 1XLT	390UGKG	1.0000MSCDT	04-CHLORO-3-METHYLPHEO625HN	
GRS	0201	0319900402900406WA9003L865	001	2MENAP1XLT	390UGKG	1.0000MSCDT	02-METHYLNAPHTHALENE	O625HN
GRS	0201	0319900402900406WA9003L865	001	CL6CP 1XLT	390UGKG	1.0000MSCDT	0HEXACHLOROCYCLOPENTAO625HN	
GRS	0201	0319900402900406WA9003L865	001	246TCP1XLT	390UGKG	1.0000MSCDT	02,4,6-TRICHLOROPHENOO625HN	
GRS	0201	0319900402900406WA9003L865	001	245TCP1XLT	1900UGKG	1.0000MSCDT	02,4,5-TRICHLOROPHENOO625HN	
GRS	0201	0319900402900406WA9003L865	001	2CNAP 1XLT	390UGKG	1.0000MSCDT	02-CHLORONAPHTHALENE	O625HN
GRS	0201	0319900402900406WA9003L865	001	2NANIL1XLT	1900UGKG	1.0000MSCDT	02-NITROANILINE	O625HN
GRS	0201	0319900402900406WA9003L865	001	DMP 1XLT	390UGKG	1.0000MSCDT	0DIMETHYLPHTHALATE	O625HN
GRS	0201	0319900402900406WA9003L865	001	ANAPYL1XLT	390UGKG	1.0000MSCDT	0ACENAPHTHYLENE	O625HN
GRS	0201	0319900402900406WA9003L865	001	26DNT 1XLT	390UGKG	1.0000MSCDT	02,6-DINITROTOLUENE	O625HN
GRS	0201	0319900402900406WA9003L865	001	3NANIL1XLT	1900UGKG	1.0000MSCDT	03-NITROANILINE	O625HN
GRS	0201	0319900402900406WA9003L865	001	ANAPNE1XLT	390UGKG	1.0000MSCDT	0ACENAPHTHENE	O625HN
GRS	0201	0319900402900406WA9003L865	001	24DNP 1XLT	1900UGKG	1.0000MSCDT	02,4-DINITROPHENOL	O625HN
GRS	0201	0319900402900406WA9003L865	001	4NP 1XLT	1900UGKG	1.0000MSCDT	04-NITROPHENOL	O625HN
GRS	0201	0319900402900406WA9003L865	001	DIBZFU1XLT	390UGKG	1.0000MSCDT	0DIBENZOFURAN	O625HN
GRS	0201	0319900402900406WA9003L865	001	24DNT 1XLT	390UGKG	1.0000MSCDT	02,4-DINITROTOLUENE	O625HN
GRS	0201	0319900402900406WA9003L865	001	DEP 1XLT	390UGKG	1.0000MSCDT	0DIETHYLPHTHALATE	O625HN
GRS	0201	0319900402900406WA9003L865	001	4CLPPE1XLT	390UGKG	1.0000MSCDT	04-CHLOROPHENYL-PHENYO625HN	
GRS	0201	0319900402900406WA9003L865	001	FLRENE1XLT	390UGKG	1.0000MSCDT	0FLUORENE	O625HN
GRS	0201	0319900402900406WA9003L865	001	4NANIL1XLT	1900UGKG	1.0000MSCDT	04-NITROANILINE	O625HN
GRS	0201	0319900402900406WA9003L865	001	46DN2C1XLT	1900UGKG	1.0000MSCDT	04,6-DINITRO-2-METHYLO625HN	
GRS	0201	0319900402900406WA9003L865	001	NNDPA 1XLT	390UGKG	1.0000MSCDT	0N-NITROSODIPHENYLAMIO625HN	
GRS	0201	0319900402900406WA9003L865	001	4BRPPE1XLT	390UGKG	1.0000MSCDT	04-BROMOPHENYL-PHENYLO625HN	
GRS	0201	0319900402900406WA9003L865	001	CL6BZ 1XLT	390UGKG	1.0000MSCDT	0HEXACHLOROBENZENE	O625HN
GRS	0201	0319900402900406WA9003L865	001	PCP 1XLT	1900UGKG	1.0000MSCDT	0PENTACHLOROPHENOL	O625HN
GRS	0201	0319900402900406WA9003L865	001	PHANTR1XLT	390UGKG	1.0000MSCDT	0PHENANTHRENE	O625HN
GRS	0201	0319900402900406WA9003L865	001	ANTRC 1XLT	390UGKG	1.0000MSCDT	0ANTHRACENE	O625HN
GRS	0201	0319900402900406WA9003L865	001	DNBP 1XLT	390UGKG	1.0000MSCDT	0DI-N-BUTYLPHTHALATE	O625HN
GRS	0201	0319900402900406WA9003L865	001	FANT 1XLT	390UGKG	1.0000MSCDT	0FLUORANTHENE	O625HN
GRS	0201	0319900402900406WA9003L865	001	PYR 1XLT	390UGKG	1.0000MSCDT	0PYRENE	O625HN

GRS	0201	0319900402900406WA9003L865	001	BBZP 1XLT	390UGKG	1.0000MSCDT	0BUTYLBENZYLPHTHALATEO625HN
GRS	0201	0319900402900406WA9003L865	001	33CL2B1XLT	780UGKG	1.0000MSCDT	03,3'-DICHLORO BENZIDIO625HN
GRS	0201	0319900402900406WA9003L865	001	BAANTR1XLT	390UGKG	1.0000MSCDT	0BENZO (A) ANTHRACENE O625HN
GRS	0201	0319900402900406WA9003L865	001	CHRY 1XLT	390UGKG	1.0000MSCDT	0CHRYSENE O625HN
GRS	0201	0319900402900406WA9003L865	001	B2EHP 1XLT	390UGKG	1.0000MSCDT	0BIS (2-ETHYLHEXYL) PHTO625HN
GRS	0201	0319900402900406WA9003L865	001	DNOP 1XLT	390UGKG	1.0000MSCDT	0DI-N-OCTYL PHTHALATEO625HN
GRS	0201	0319900402900406WA9003L865	001	BF2ANT1XLT	390UGKG	1.0000MSCDT	0BENZO (B) FLUORANTHENE0625HN
GRS	0201	0319900402900406WA9003L865	001	BKFANT1XLT	390UGKG	1.0000MSCDT	0BENZO (K) FLUORANTHENE0625HN
GRS	0201	0319900402900406WA9003L865	001	BAPYR 1XLT	390UGKG	1.0000MSCDT	0BENZO (A) PYRENE O625HN
GRS	0201	0319900402900406WA9003L865	001	ICDPYR1XLT	390UGKG	1.0000MSCDT	0INDENO (1,2,3-CD) PYREO625HN
GRS	0201	0319900402900406WA9003L865	001	DBAHA 1XLT	390UGKG	1.0000MSCDT	0DIBENZO (A,H) ANTHRACEO625HN
GRS	0201	0319900402900406WA9003L865	001	BGHIPIY1XLT	390UGKG	1.0000MSCDT	0BENZO (G,H,I) PERYLENEO625HN
GRS	0201	0319900402900406WA9003L865	001	SNBD5 1X	65PER	1.0000MSCDT	1955.000NITROBENZENE-D5 O625HS
GRS	0201	0319900402900406WA9003L865	001	S2FBP 1X	67PER	1.0000MSCDT	1955.0002-FLUOROBIPHENYL O625HS
GRS	0201	0319900402900406WA9003L865	001	SPTERP 1X	62PER	1.0000MSCDT	1955.000P-TERPHENYL-D14 O625HS
GRS	0201	0319900402900406WA9003L865	001	SPHEND51X	66PER	1.0000MSCDT	3910.001PHENOL-D5 O625HS
GRS	0201	0319900402900406WA9003L865	001	S2FP 1X	59PER	1.0000MSCDT	3910.0012-FLUOROPHENOL O625HS
GRS	0201	0319900402900406WA9003L865	001	S246TBP1X	63PER	1.0000MSCDT	3910.0012,4,6-TRIBROMOPHENOLO625HS
GRS	0201	0319900402900406WA9003L865	001	SPHENOL1X	72PER	1.0000MSCDT	3910.001PHENOL O625HS
GRS	0201	0319900402900406WA9003L865	001	SB2CEE 1XLT	390UGKG	1.0000MSCDT	0BIS (2-CHLOROETHYL) ETO625HS
GRS	0201	0319900402900406WA9003L865	001	S2CLP 1X	69PER	1.0000MSCDT	3910.0012-CHLOROPHENOL O625HS
GRS	0201	0319900402900406WA9003L865	001	S13DCLB1XLT	390UGKG	1.0000MSCDT	01,3-DICHLORO BENZENE O625HS
GRS	0201	0319900402900406WA9003L865	001	S14DCLB1X	60PER	1.0000MSCDT	1955.0001,4-DICHLORO BENZENE O625HS
GRS	0201	0319900402900406WA9003L865	001	SBZALC 1XLT	390UGKG	1.0000MSCDT	0BENZYL ALCOHOL O625HS
GRS	0201	0319900402900406WA9003L865	001	S12DCLB1XLT	390UGKG	1.0000MSCDT	01,2-DICHLORO BENZENE O625HS
GRS	0201	0319900402900406WA9003L865	001	S2MP 1XLT	390UGKG	1.0000MSCDT	02-METHYLPHENOL O625HS
GRS	0201	0319900402900406WA9003L865	001	SB2CIPE1XLT	390UGKG	1.0000MSCDT	0BIS (2-CHLOROISOPROPY)O625HS
GRS	0201	0319900402900406WA9003L865	001	S4MP 1XLT	390UGKG	1.0000MSCDT	04-METHYLPHENOL O625HS
GRS	0201	0319900402900406WA9003L865	001	SNDNPA 1X	83PER	1.0000MSCDT	1955.000N-NITROSO-DI-N-PROPYO625HS
GRS	0201	0319900402900406WA9003L865	001	SCL6ET 1XLT	390UGKG	1.0000MSCDT	0HEXACHLOROETHANE O625HS
GRS	0201	0319900402900406WA9003L865	001	SNB 1XLT	390UGKG	1.0000MSCDT	0NITROBENZENE O625HS
GRS	0201	0319900402900406WA9003L865	001	SISOPHR1XLT	390UGKG	1.0000MSCDT	0ISOPHORONE O625HS
GRS	0201	0319900402900406WA9003L865	001	S2NP 1XLT	390UGKG	1.0000MSCDT	02-NITROPHENOL O625HS
GRS	0201	0319900402900406WA9003L865	001	S24DMPN1XLT	390UGKG	1.0000MSCDT	02,4-DIMETHYLPHENOL O625HS
GRS	0201	0319900402900406WA9003L865	001	SBENZO1XLT	2000UGKG	1.0000MSCDT	0BENZOIC ACID O625HS
GRS	0201	0319900402900406WA9003L865	001	SB2CEXM1XLT	390UGKG	1.0000MSCDT	0BIS (2-CHLOROETHOXY) MO625HS
GRS	0201	0319900402900406WA9003L865	001	S24DCLP1XLT	390UGKG	1.0000MSCDT	02,4-DICHLOROPHENOL O625HS
GRS	0201	0319900402900406WA9003L865	001	S124TCB1X	73PER	1.0000MSCDT	1955.0001,2,4-TRICHLORO BENZEO625HS
GRS	0201	0319900402900406WA9003L865	001	SNAP 1XLT	390UGKG	1.0000MSCDT	0NAPHTHALENE O625HS
GRS	0201	0319900402900406WA9003L865	001	S4CANIL1XLT	390UGKG	1.0000MSCDT	04-CHLOROANILINE O625HS
GRS	0201	0319900402900406WA9003L865	001	SHCBD 1XLT	390UGKG	1.0000MSCDT	0HEXACHLOROBUTADIENE O625HS
GRS	0201	0319900402900406WA9003L865	001	S4CL3C 1X	72PER	1.0000MSCDT	3910.0014-CHLORO-3-METHYLPHEO625HS
GRS	0201	0319900402900406WA9003L865	001	S2MENAP1XLT	390UGKG	1.0000MSCDT	02-METHYLNAPHTHALENE O625HS
GRS	0201	0319900402900406WA9003L865	001	SCL6CP 1XLT	390UGKG	1.0000MSCDT	0HEXACHLOROCYCLOPENTAO625HS
GRS	0201	0319900402900406WA9003L865	001	S246TCP1XLT	390UGKG	1.0000MSCDT	02,4,6-TRICHLOROPHENOO625HS
GRS	0201	0319900402900406WA9003L865	001	S245TCP1XLT	2000UGKG	1.0000MSCDT	02,4,5-TRICHLOROPHENOO625HS
GRS	0201	0319900402900406WA9003L865	001	S2CNAP 1XLT	390UGKG	1.0000MSCDT	02-CHLORONAPHTHALENE O625HS
GRS	0201	0319900402900406WA9003L865	001	S2NANIL1XLT	2000UGKG	1.0000MSCDT	02-NITROANILINE O625HS

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GRS	0201	0319900402900406WA9003L865	001SDMP 1XLT	390UGKG	1.0000MSCDT	0DIMETHYLPHTHALATE	0625HS
GRS	0201	0319900402900406WA9003L865	001SANAPYL1XLT	390UGKG	1.0000MSCDT	0ACENAPHTHYLENE	0625HS
GRS	0201	0319900402900406WA9003L865	001S26DNT 1XLT	390UGKG	1.0000MSCDT	02,6-DINITROTOLUENE	0625HS
GRS	0201	0319900402900406WA9003L865	001S3NANIL1XLT	2000UGKG	1.0000MSCDT	03-NITROANILINE	0625HS
GRS	0201	0319900402900406WA9003L865	001SANAPNE1X	73PER	1.0000MSCDT	1955.000ACENAPHTHENE	0625HS
GRS	0201	0319900402900406WA9003L865	001S24DNP 1XLT	2000UGKG	1.0000MSCDT	02,4-DINITROPHENOL	0625HS
GRS	0201	0319900402900406WA9003L865	001S4NP 1X	85PER	1.0000MSCDT	3910.0014-NITROPHENOL	0625HS
GRS	0201	0319900402900406WA9003L865	001SDIBZFU1XLT	390UGKG	1.0000MSCDT	0DIBENZOFURAN	0625HS
GRS	0201	0319900402900406WA9003L865	001S24DNT 1X	71PER	1.0000MSCDT	1955.0002,4-DINITROTOLUENE	0625HS
GRS	0201	0319900402900406WA9003L865	001SDEP 1XLT	390UGKG	1.0000MSCDT	0DIETHYLPHTHALATE	0625HS
GRS	0201	0319900402900406WA9003L865	001S4CLPPE1XLT	390UGKG	1.0000MSCDT	04-CHLOROPHENYL-PHENYLO	0625HS
GRS	0201	0319900402900406WA9003L865	001SFLRENE1XLT	390UGKG	1.0000MSCDT	0FLUORENE	0625HS
GRS	0201	0319900402900406WA9003L865	001S4NANIL1XLT	2000UGKG	1.0000MSCDT	04-NITROANILINE	0625HS
GRS	0201	0319900402900406WA9003L865	001S46DN2C1XLT	2000UGKG	1.0000MSCDT	04,6-DINITRO-2-METHYLO	0625HS
GRS	0201	0319900402900406WA9003L865	001SNNDPA 1XLT	390UGKG	1.0000MSCDT	0N-NITROSODIPHENYLAMIO	0625HS
GRS	0201	0319900402900406WA9003L865	001S4BRPPE1XLT	390UGKG	1.0000MSCDT	04-BROMOPHENYL-PHENYLO	0625HS
GRS	0201	0319900402900406WA9003L865	001SCL6BZ 1XLT	390UGKG	1.0000MSCDT	0HEXACHLOROBENZENE	0625HS
GRS	0201	0319900402900406WA9003L865	001SPCP 1X	88PER	1.0000MSCDT	3910.001PENTACHLOROPHENOL	0625HS
GRS	0201	0319900402900406WA9003L865	001SPHANTR1XLT	390UGKG	1.0000MSCDT	0PHENANTHRENE	0625HS
GRS	0201	0319900402900406WA9003L865	001SANTRC 1XLT	390UGKG	1.0000MSCDT	0ANTHRACENE	0625HS
GRS	0201	0319900402900406WA9003L865	001SDNBP 1XLT	390UGKG	1.0000MSCDT	0DI-N-BUTYLPHTHALATE	0625HS
GRS	0201	0319900402900406WA9003L865	001SFANT 1XLT	390UGKG	1.0000MSCDT	0FLUORANTHENE	0625HS
GRS	0201	0319900402900406WA9003L865	001SPYR 1X	60PER	1.0000MSCDT	1955.000PYRENE	0625HS
GRS	0201	0319900402900406WA9003L865	001SBBZP 1XLT	390UGKG	1.0000MSCDT	0BUTYLBENZYLPHTHALATEO	0625HS
GRS	0201	0319900402900406WA9003L865	001S33CL2B1XLT	780UGKG	1.0000MSCDT	03,3'-DICHLOOROBENZIDIO	0625HS
GRS	0201	0319900402900406WA9003L865	001SBAANTR1XLT	390UGKG	1.0000MSCDT	0BENZO (A) ANTHRACENE	0625HS
GRS	0201	0319900402900406WA9003L865	001SCHRY 1XLT	390UGKG	1.0000MSCDT	0CHRYSENE	0625HS
GRS	0201	0319900402900406WA9003L865	001SB2EHP 1XLT	390UGKG	1.0000MSCDT	0BIS (2-ETHYLHEXYL) PHTO	0625HS
GRS	0201	0319900402900406WA9003L865	001SDNOP 1XLT	390UGKG	1.0000MSCDT	0DI-N-OCTYL PHTHALATEO	0625HS
GRS	0201	0319900402900406WA9003L865	001SBF2ANT1XLT	390UGKG	1.0000MSCDT	0BENZO (B) FLUORANTHENE	0625HS
GRS	0201	0319900402900406WA9003L865	001SBKFANT1XLT	390UGKG	1.0000MSCDT	0BENZO (K) FLUORANTHENE	0625HS
GRS	0201	0319900402900406WA9003L865	001SBAPYR 1XLT	390UGKG	1.0000MSCDT	0BENZO (A) PYRENE	0625HS
GRS	0201	0319900402900406WA9003L865	001SICDPYR1XLT	390UGKG	1.0000MSCDT	0INDENO (1,2,3-CD) PYREO	0625HS
GRS	0201	0319900402900406WA9003L865	001SDBAHA 1XLT	390UGKG	1.0000MSCDT	0DIBENZO (A,H) ANTHRACEO	0625HS
GRS	0201	0319900402900406WA9003L865	001SBGHIPY1XLT	390UGKG	1.0000MSCDT	0BENZO (G,H,I) PERYLENEO	0625HS
GRS	0401	0319900328900051WA9003L865	002	94.2%	10 JH	0% SOLIDS	I% SOLN
GRS	0401	0319900423901200WA9003L865	002 ALPHAG9W	11.0PCIG	10EBUNK	0GROSS ALPHA	IALPHN
GRS	0401	0319900423901200WA9003L865	002 BETAG 9W	13.0PCIG	10EBUNK	0NONVOLATILE BETA	IBETAN
GRS	0401	0319900519900451WA9003L865	002 AG 2ZLT	1.9MGKG	1.00ICALM	0SILVER, TOTAL	MAGTON
GRS	0401	0319900518900450WA9003L865	002 AS 1BLT	2.1MGKG	1.00AAER	0ARSENIC, TOTAL	MASTON
GRS	0401	0319900519900451WA9003L865	002 BA 2ZLT	37.5MGKG	1.00ICALM	0BARIUM, TOTAL	MBATON
GRS	0401	0319900519900451WA9003L865	002 CD 2Z	1.2MGKG	1.00ICALM	0CADMIUM, TOTAL	MCDTON
GRS	0401	0319900519900451WA9003L865	002 CR 2Z	5.7MGKG	1.00ICALM	0CHROMIUM, TOTAL	MCRTON
GRS	0401	0319900405900055WA9003L865	002 HGTOT 1DLT	0.11MGKG	1.00HGJJW	0MERCURY, TOTAL	MHGTON
GRS	0401	0319900518900450WA9003L865	002 PB 1B	0.95MGKG	1.00AAEJS	0LEAD, TOTAL	MPBTON
GRS	0401	0319900518900450WA9003L865	002 SE 1BLT	1.1MGKG	1.00AAMLR	0SELENIUM, TOTAL	MSETON
GRS	0401	0319900327900051WA9003L865	002 MEC6D82J	102PER	1.0000MSJBD	54.500TOLUENE-D8	0624HN
GRS	0401	0319900327900051WA9003L865	002 PBFB 2J	113PER	1.0000MSJBD	54.500BROMOFLUOROBENZENE	0624HN

GRS	0401	0319900327900051WA9003L865	002	12DCD42J	97PER	1.0000MSJBD	54.5001,2-DICHLOROETHANE-DO624HN
GRS	0401	0319900327900051WA9003L865	002	CH3CL 2JLT	11UGKG	1.0000MSJBD	0CHLOROMETHANE 0624HN
GRS	0401	0319900327900051WA9003L865	002	CH3BR 2JLT	11UGKG	1.0000MSJBD	0BROMOMETHANE 0624HN
GRS	0401	0319900327900051WA9003L865	002	C2H3CL2JLT	11UGKG	1.0000MSJBD	0VINYL CHLORIDE 0624HN
GRS	0401	0319900327900051WA9003L865	002	C2H5CL2JLT	11UGKG	1.0000MSJBD	0CHLOROETHANE 0624HN
GRS	0401	0319900327900051WA9003L865	002	CH2CL22JB	17UGKG	1.0000MSJBD	0METHYLENE CHLORIDE 0624HN
GRS	0401	0319900327900051WA9003L865	002	ACET 2JB	12UGKG	1.0000MSJBD	0ACETONE 0624HN
GRS	0401	0319900327900051WA9003L865	002	CS2 2JLT	5UGKG	1.0000MSJBD	0CARBON DISULFIDE 0624HN
GRS	0401	0319900327900051WA9003L865	002	11DCE 2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHENE 0624HN
GRS	0401	0319900327900051WA9003L865	002	11DCE2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHANE 0624HN
GRS	0401	0319900327900051WA9003L865	002	T12DCE2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHENE 0624HN
GRS	0401	0319900327900051WA9003L865	002	CHCL3 2JLT	5UGKG	1.0000MSJBD	0CHLOROFORM 0624HN
GRS	0401	0319900327900051WA9003L865	002	12DCLE2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHANE 0624HN
GRS	0401	0319900327900051WA9003L865	002	MEK 2JLT	11UGKG	1.0000MSJBD	02-BUTANONE 0624HN
GRS	0401	0319900327900051WA9003L865	002	111TCE2JLT	5UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANE 0624HN
GRS	0401	0319900327900051WA9003L865	002	CCL4 2JLT	5UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE 0624HN
GRS	0401	0319900327900051WA9003L865	002	VINYLA2JLT	11UGKG	1.0000MSJBD	0VINYL ACETATE 0624HN
GRS	0401	0319900327900051WA9003L865	002	BRDCLM2JLT	5UGKG	1.0000MSJBD	0BROMODICHLOROMETHANE 0624HN
GRS	0401	0319900327900051WA9003L865	002	12DCLP2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE 0624HN
GRS	0401	0319900327900051WA9003L865	002	13DCPC2JLT	5UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO 0624HN
GRS	0401	0319900327900051WA9003L865	002	TRCLE 2JLT	5UGKG	1.0000MSJBD	0TRICHLOROETHENE 0624HN
GRS	0401	0319900327900051WA9003L865	002	DBRCLM2JLT	5UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANE 0624HN
GRS	0401	0319900327900051WA9003L865	002	112TCE2JLT	5UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANE 0624HN
GRS	0401	0319900327900051WA9003L865	002	C6H6 2JLT	5UGKG	1.0000MSJBD	0BENZENE 0624HN
GRS	0401	0319900327900051WA9003L865	002	T13DCP2JLT	5UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO 0624HN
GRS	0401	0319900327900051WA9003L865	002	CHBR3 2JLT	5UGKG	1.0000MSJBD	0BROMOFORM 0624HN
GRS	0401	0319900327900051WA9003L865	002	4ME2PE2JLT	11UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE 0624HN
GRS	0401	0319900327900051WA9003L865	002	2HXONE2JLT	11UGKG	1.0000MSJBD	02-HEXANONE 0624HN
GRS	0401	0319900327900051WA9003L865	002	TCLEE 2JLT	5UGKG	1.0000MSJBD	0TETRACHLOROETHENE 0624HN
GRS	0401	0319900327900051WA9003L865	002	TCLEA 2JLT	5UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO 0624HN
GRS	0401	0319900327900051WA9003L865	002	MEC6H52JLT	5UGKG	1.0000MSJBD	0TOLUENE 0624HN
GRS	0401	0319900327900051WA9003L865	002	CLC6H52JLT	5UGKG	1.0000MSJBD	0CHLOROBENZENE 0624HN
GRS	0401	0319900327900051WA9003L865	002	ETC6H52JLT	5UGKG	1.0000MSJBD	0ETHYLBENZENE 0624HN
GRS	0401	0319900327900051WA9003L865	002	STYR 2JLT	5UGKG	1.0000MSJBD	0STYRENE 0624HN
GRS	0401	0319900327900051WA9003L865	002	XYLEN 2JLT	5UGKG	1.0000MSJBD	0XYLENE (TOTAL) 0624HN
GRS	0401	0319900402900406WA9003L865	002	NBD5 1X	73PER	1.0000MSCDT	1745.000NITROBENZENE-D5 0625HN
GRS	0401	0319900402900406WA9003L865	002	2FBP 1X	65PER	1.0000MSCDT	1745.0002-FLUOROBIPHENYL 0625HN
GRS	0401	0319900402900406WA9003L865	002	PTERP 1X	67PER	1.0000MSCDT	1745.000P-TERPHENYL-D14 0625HN
GRS	0401	0319900402900406WA9003L865	002	PHEND51X	76PER	1.0000MSCDT	3489.999PHENOL-D5 0625HN
GRS	0401	0319900402900406WA9003L865	002	2FP 1X	69PER	1.0000MSCDT	3489.9992-FLUOROPHENOL 0625HN
GRS	0401	0319900402900406WA9003L865	002	246TBP1X	56PER	1.0000MSCDT	3489.9992,4,6-TRIBROMOPHENOL 0625HN
GRS	0401	0319900402900406WA9003L865	002	PHENOL1XLT	350UGKG	1.0000MSCDT	0PHENOL 0625HN
GRS	0401	0319900402900406WA9003L865	002	B2CEE 1XLT	350UGKG	1.0000MSCDT	0BIS (2-CHLOROETHYL) ETO 0625HN
GRS	0401	0319900402900406WA9003L865	002	2CLP 1XLT	350UGKG	1.0000MSCDT	02-CHLOROPHENOL 0625HN
GRS	0401	0319900402900406WA9003L865	002	13DCLB1XLT	350UGKG	1.0000MSCDT	01,3-DICHLOROBENZENE 0625HN
GRS	0401	0319900402900406WA9003L865	002	14DCLB1XLT	350UGKG	1.0000MSCDT	01,4-DICHLOROBENZENE 0625HN
GRS	0401	0319900402900406WA9003L865	002	BZALC 1XLT	350UGKG	1.0000MSCDT	0BENZYL ALCOHOL 0625HN
GRS	0401	0319900402900406WA9003L865	002	12DCLB1XLT	350UGKG	1.0000MSCDT	01,2-DICHLOROBENZENE 0625HN

GRS	0401	0319900402900406WA9003L865	002	2MP	1XLT	350UGKG	1.0000MSCDT	02-METHYLPHENOL	O625HN
GRS	0401	0319900402900406WA9003L865	002	B2CIPE1	1XLT	350UGKG	1.0000MSCDT	0BIS (2-CHLOROISOPROPYLO	0625HN
GRS	0401	0319900402900406WA9003L865	002	4MP	1XLT	350UGKG	1.0000MSCDT	04-METHYLPHENOL	O625HN
GRS	0401	0319900402900406WA9003L865	002	NDNPA	1XLT	350UGKG	1.0000MSCDT	0N-NITROSO-DI-N-PROPYLO	0625HN
GRS	0401	0319900402900406WA9003L865	002	CL6ET	1XLT	350UGKG	1.0000MSCDT	0HEXACHLOROETHANE	O625HN
GRS	0401	0319900402900406WA9003L865	002	NB	1XLT	350UGKG	1.0000MSCDT	0NITROBENZENE	O625HN
GRS	0401	0319900402900406WA9003L865	002	ISOPHR1	1XLT	350UGKG	1.0000MSCDT	0ISOPHORONE	O625HN
GRS	0401	0319900402900406WA9003L865	002	2NP	1XLT	350UGKG	1.0000MSCDT	02-NITROPHENOL	O625HN
GRS	0401	0319900402900406WA9003L865	002	24DMPN1	1XLT	350UGKG	1.0000MSCDT	02, 4-DIMETHYLPHENOL	O625HN
GRS	0401	0319900402900406WA9003L865	002	BENZOA1	1XLT	1700UGKG	1.0000MSCDT	0BENZOIC ACID	O625HN
GRS	0401	0319900402900406WA9003L865	002	B2CEXM1	1XLT	350UGKG	1.0000MSCDT	0BIS (2-CHLOROETHOXY)MO	0625HN
GRS	0401	0319900402900406WA9003L865	002	24DCLP1	1XLT	350UGKG	1.0000MSCDT	02, 4-DICHLOROPHENOL	O625HN
GRS	0401	0319900402900406WA9003L865	002	124TCB1	1XLT	350UGKG	1.0000MSCDT	01, 2, 4-TRICHLOROBENZEO	0625HN
GRS	0401	0319900402900406WA9003L865	002	NAP	1XLT	350UGKG	1.0000MSCDT	0NAPHTHALENE	O625HN
GRS	0401	0319900402900406WA9003L865	002	4CANIL1	1XLT	350UGKG	1.0000MSCDT	04-CHLOROANILINE	O625HN
GRS	0401	0319900402900406WA9003L865	002	HCBD	1XLT	350UGKG	1.0000MSCDT	0HEXACHLOROBUTADIENE	O625HN
GRS	0401	0319900402900406WA9003L865	002	4CL3C	1XLT	350UGKG	1.0000MSCDT	04-CHLORO-3-METHYLPHEO	0625HN
GRS	0401	0319900402900406WA9003L865	002	2MENAP1	1XLT	350UGKG	1.0000MSCDT	02-METHYLNAPHTHALENE	O625HN
GRS	0401	0319900402900406WA9003L865	002	CL6CP	1XLT	350UGKG	1.0000MSCDT	0HEXACHLOROCYCLOPENTAO	0625HN
GRS	0401	0319900402900406WA9003L865	002	246TCP1	1XLT	350UGKG	1.0000MSCDT	02, 4, 6-TRICHLOROPHENOO	0625HN
GRS	0401	0319900402900406WA9003L865	002	245TCP1	1XLT	1700UGKG	1.0000MSCDT	02, 4, 5-TRICHLOROPHENOO	0625HN
GRS	0401	0319900402900406WA9003L865	002	2CNAP	1XLT	350UGKG	1.0000MSCDT	02-CHLORONAPHTHALENE	O625HN
GRS	0401	0319900402900406WA9003L865	002	2NANIL1	1XLT	1700UGKG	1.0000MSCDT	02-NITROANILINE	O625HN
GRS	0401	0319900402900406WA9003L865	002	DMP	1XLT	350UGKG	1.0000MSCDT	0DIMETHYLPHTHALATE	O625HN
GRS	0401	0319900402900406WA9003L865	002	ANAPYL1	1XLT	350UGKG	1.0000MSCDT	0ACENAPHTHYLENE	O625HN
GRS	0401	0319900402900406WA9003L865	002	26DNT	1XLT	350UGKG	1.0000MSCDT	02, 6-DINITROTOLUENE	O625HN
GRS	0401	0319900402900406WA9003L865	002	3NANIL1	1XLT	1700UGKG	1.0000MSCDT	03-NITROANILINE	O625HN
GRS	0401	0319900402900406WA9003L865	002	ANAPNE1	1XLT	350UGKG	1.0000MSCDT	0ACENAPHTHENE	O625HN
GRS	0401	0319900402900406WA9003L865	002	24DNP	1XLT	1700UGKG	1.0000MSCDT	02, 4-DINITROPHENOL	O625HN
GRS	0401	0319900402900406WA9003L865	002	4NP	1XLT	1700UGKG	1.0000MSCDT	04-NITROPHENOL	O625HN
GRS	0401	0319900402900406WA9003L865	002	DIBZFU1	1XLT	350UGKG	1.0000MSCDT	0DIBENZOFURAN	O625HN
GRS	0401	0319900402900406WA9003L865	002	24DNT	1XLT	350UGKG	1.0000MSCDT	02, 4-DINITROTOLUENE	O625HN
GRS	0401	0319900402900406WA9003L865	002	DEF	1XLT	350UGKG	1.0000MSCDT	0DIETHYLPHTHALATE	O625HN
GRS	0401	0319900402900406WA9003L865	002	4CLPPE1	1XLT	350UGKG	1.0000MSCDT	04-CHLOROPHENYL-PHENYO	0625HN
GRS	0401	0319900402900406WA9003L865	002	FLRENE1	1XLT	350UGKG	1.0000MSCDT	0FLUORENE	O625HN
GRS	0401	0319900402900406WA9003L865	002	4NANIL1	1XLT	1700UGKG	1.0000MSCDT	04-NITROANILINE	O625HN
GRS	0401	0319900402900406WA9003L865	002	46DN2C1	1XLT	1700UGKG	1.0000MSCDT	04, 6-DINITRO-2-METHYLO	0625HN
GRS	0401	0319900402900406WA9003L865	002	NNDPA	1XLT	350UGKG	1.0000MSCDT	0N-NITROSODIPHENYLAMIO	0625HN
GRS	0401	0319900402900406WA9003L865	002	4BRPPE1	1XLT	350UGKG	1.0000MSCDT	04-BROMOPHENYL-PHENYLO	0625HN
GRS	0401	0319900402900406WA9003L865	002	CL6BZ	1XLT	350UGKG	1.0000MSCDT	0HEXACHLOROBENZENE	O625HN
GRS	0401	0319900402900406WA9003L865	002	PCP	1XLT	1700UGKG	1.0000MSCDT	0PENTACHLOROPHENOL	O625HN
GRS	0401	0319900402900406WA9003L865	002	PHANTR1	1XLT	350UGKG	1.0000MSCDT	0PHENANTHRENE	O625HN
GRS	0401	0319900402900406WA9003L865	002	ANTRC	1XLT	350UGKG	1.0000MSCDT	0ANTHRACENE	O625HN
GRS	0401	0319900402900406WA9003L865	002	DNBP	1XLT	350UGKG	1.0000MSCDT	0DI-N-BUTYLPHTHALATE	O625HN
GRS	0401	0319900402900406WA9003L865	002	FANT	1XLT	350UGKG	1.0000MSCDT	0FLUORANTHENE	O625HN
GRS	0401	0319900402900406WA9003L865	002	PYR	1XLT	350UGKG	1.0000MSCDT	0PYRENE	O625HN
GRS	0401	0319900402900406WA9003L865	002	BBZP	1XLT	350UGKG	1.0000MSCDT	0BUTYLBENZYLPHTHALATEO	0625HN
GRS	0401	0319900402900406WA9003L865	002	33CL2B1	1XLT	700UGKG	1.0000MSCDT	03, 3'-DICHLOROBENZIP	0625HN

GRS	04	J319900402900406WA9003L865	002	BAANTR1XLT	350UGKG	1.0000MSCDT	0BENZO (A) ANTHRACENE	0625HN
GRS	0401	0319900402900406WA9003L865	002	CHRY 1XLT	350UGKG	1.0000MSCDT	0CHRYSENE	0625HN
GRS	0401	0319900402900406WA9003L865	002	B2EHP 1XLT	350UGKG	1.0000MSCDT	0BIS (2-ETHYLHEXYL) PHTO	0625HN
GRS	0401	0319900402900406WA9003L865	002	DNOP 1XLT	350UGKG	1.0000MSCDT	0DI-N-OCTYL PHTHALATE	0625HN
GRS	0401	0319900402900406WA9003L865	002	BF2ANT1XLT	350UGKG	1.0000MSCDT	0BENZO (B) FLUORANTHENE	0625HN
GRS	0401	0319900402900406WA9003L865	002	BKFANT1XLT	350UGKG	1.0000MSCDT	0BENZO (K) FLUORANTHENE	0625HN
GRS	0401	0319900402900406WA9003L865	002	BAPYR 1XLT	350UGKG	1.0000MSCDT	0BENZO (A) PYRENE	0625HN
GRS	0401	0319900402900406WA9003L865	002	ICDPYR1XLT	350UGKG	1.0000MSCDT	0INDENO (1,2,3-CD) PYREO	0625HN
GRS	0401	0319900402900406WA9003L865	002	DBAHA 1XLT	350UGKG	1.0000MSCDT	0DIBENZO (A,H) ANTHRACEO	0625HN
GRS	0401	0319900402900406WA9003L865	002	BGHIPY1XLT	350UGKG	1.0000MSCDT	0BENZO (G,H,I) PERYLENE	0625HN
GRS	0401	0319900402900406WA9003L865	002	RNBD5 1X	75PER	1.0000MSCDT	1745.000NITROBENZENE-D5	0625HR
GRS	0401	0319900402900406WA9003L865	002	R2FBP 1X	73PER	1.0000MSCDT	1745.0002-FLUOROBIPHENYL	0625HR
GRS	0401	0319900402900406WA9003L865	002	RPTERP 1X	68PER	1.0000MSCDT	1745.000P-TERPHENYL-D14	0625HR
GRS	0401	0319900402900406WA9003L865	002	RPHEND51X	81PER	1.0000MSCDT	3489.999PHENOL-D5	0625HR
GRS	0401	0319900402900406WA9003L865	002	R2FP 1X	78PER	1.0000MSCDT	3489.9992-FLUOROPHENOL	0625HR
GRS	0401	0319900402900406WA9003L865	002	R246TBP1X	78PER	1.0000MSCDT	3489.9992,4,6-TRIBROMOPHENOL	0625HR
GRS	0401	0319900402900406WA9003L865	002	RPHENOL1XLT	350UGKG	1.0000MSCDT	0PHENOL	0625HR
GRS	0401	0319900402900406WA9003L865	002	RB2CEE 1XLT	350UGKG	1.0000MSCDT	0BIS (2-CHLOROETHYL) ETO	0625HR
GRS	0401	0319900402900406WA9003L865	002	R2CLP 1XLT	350UGKG	1.0000MSCDT	02-CHLOROPHENOL	0625HR
GRS	0401	0319900402900406WA9003L865	002	R13DCLB1XLT	350UGKG	1.0000MSCDT	01,3-DICHLOROBENZENE	0625HR
GRS	0401	0319900402900406WA9003L865	002	R14DCLB1XLT	350UGKG	1.0000MSCDT	01,4-DICHLOROBENZENE	0625HR
GRS	0401	0319900402900406WA9003L865	002	RBZALC 1XLT	350UGKG	1.0000MSCDT	0BENZYL ALCOHOL	0625HR
GRS	0401	0319900402900406WA9003L865	002	R12DCLB1XLT	350UGKG	1.0000MSCDT	01,2-DICHLOROBENZENE	0625HR
GRS	0401	0319900402900406WA9003L865	002	R2MP 1XLT	350UGKG	1.0000MSCDT	02-METHYLPHENOL	0625HR
GRS	0401	0319900402900406WA9003L865	002	RB2CIPE1XLT	350UGKG	1.0000MSCDT	0BIS (2-CHLOROISOPROPYLO	0625HR
GRS	0401	0319900402900406WA9003L865	002	R4MP 1XLT	350UGKG	1.0000MSCDT	04-METHYLPHENOL	0625HR
GRS	0401	0319900402900406WA9003L865	002	RNDNPA 1XLT	350UGKG	1.0000MSCDT	0N-NITROSO-DI-N-PROPYLO	0625HR
GRS	0401	0319900402900406WA9003L865	002	RCL6ET 1XLT	350UGKG	1.0000MSCDT	0HEXACHLOROETHANE	0625HR
GRS	0401	0319900402900406WA9003L865	002	RNB 1XLT	350UGKG	1.0000MSCDT	0NITROBENZENE	0625HR
GRS	0401	0319900402900406WA9003L865	002	RISOPHR1XLT	350UGKG	1.0000MSCDT	0ISOPHORONE	0625HR
GRS	0401	0319900402900406WA9003L865	002	R2NP 1XLT	350UGKG	1.0000MSCDT	02-NITROPHENOL	0625HR
GRS	0401	0319900402900406WA9003L865	002	R24DMPN1XLT	350UGKG	1.0000MSCDT	02,4-DIMETHYLPHENOL	0625HR
GRS	0401	0319900402900406WA9003L865	002	RBENZOA1XLT	1700UGKG	1.0000MSCDT	0BENZOIC ACID	0625HR
GRS	0401	0319900402900406WA9003L865	002	RB2CEXM1XLT	350UGKG	1.0000MSCDT	0BIS (2-CHLOROETHOXY) MO	0625HR
GRS	0401	0319900402900406WA9003L865	002	R24DCLP1XLT	350UGKG	1.0000MSCDT	02,4-DICHLOROPHENOL	0625HR
GRS	0401	0319900402900406WA9003L865	002	R124TCB1XLT	350UGKG	1.0000MSCDT	01,2,4-TRICHLOROBENZEO	0625HR
GRS	0401	0319900402900406WA9003L865	002	RNAP 1XLT	350UGKG	1.0000MSCDT	0NAPHTHALENE	0625HR
GRS	0401	0319900402900406WA9003L865	002	R4CANIL1XLT	350UGKG	1.0000MSCDT	04-CHLOROANILINE	0625HR
GRS	0401	0319900402900406WA9003L865	002	RHCBD 1XLT	350UGKG	1.0000MSCDT	0HEXACHLOROBUTADIENE	0625HR
GRS	0401	0319900402900406WA9003L865	002	R4CL3C 1XLT	350UGKG	1.0000MSCDT	04-CHLORO-3-METHYLPHEO	0625HR
GRS	0401	0319900402900406WA9003L865	002	R2MENAP1XLT	350UGKG	1.0000MSCDT	02-METHYLNAPHTHALENE	0625HR
GRS	0401	0319900402900406WA9003L865	002	RCL6CP 1XLT	350UGKG	1.0000MSCDT	0HEXACHLOROCYCLOPENTAO	0625HR
GRS	0401	0319900402900406WA9003L865	002	R246TCP1XLT	350UGKG	1.0000MSCDT	02,4,6-TRICHLOROPHENOO	0625HR
GRS	0401	0319900402900406WA9003L865	002	R245TCP1XLT	1700UGKG	1.0000MSCDT	02,4,5-TRICHLOROPHENOO	0625HR
GRS	0401	0319900402900406WA9003L865	002	R2CNAP 1XLT	350UGKG	1.0000MSCDT	02-CHLORONAPHTHALENE	0625HR
GRS	0401	0319900402900406WA9003L865	002	R2NANIL1XLT	1700UGKG	1.0000MSCDT	02-NITROANILINE	0625HR
GRS	0401	0319900402900406WA9003L865	002	RDMP 1XLT	350UGKG	1.0000MSCDT	0DIMETHYLPHTHALATE	0625HR
GRS	0401	0319900402900406WA9003L865	002	RANAPYL1XLT	350UGKG	1.0000MSCDT	0ACENAPHTHYLENE	0625HR

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GRS	0401	0319900402900406WA9003L865	002R26DNT 1XLT	350UGKG	1.0000MSCDT	02,6-DINITROTOLUENE	0625HR
GRS	0401	0319900402900406WA9003L865	002R3NANIL1XLT	1700UGKG	1.0000MSCDT	03-NITROANILINE	0625HR
GRS	0401	0319900402900406WA9003L865	002RANAPNE1XLT	350UGKG	1.0000MSCDT	0ACENAPHTHENE	0625HR
GRS	0401	0319900402900406WA9003L865	002R24DNP 1XLT	1700UGKG	1.0000MSCDT	02,4-DINITROPHENOL	0625HR
GRS	0401	0319900402900406WA9003L865	002R4NP 1XLT	1700UGKG	1.0000MSCDT	04-NITROPHENOL	0625HR
GRS	0401	0319900402900406WA9003L865	002RDIBZFU1XLT	350UGKG	1.0000MSCDT	0DIBENZOFURAN	0625HR
GRS	0401	0319900402900406WA9003L865	002R24DNT 1XLT	350UGKG	1.0000MSCDT	02,4-DINITROTOLUENE	0625HR
GRS	0401	0319900402900406WA9003L865	002RDEP 1XLT	350UGKG	1.0000MSCDT	0DIETHYLPHTHALATE	0625HR
GRS	0401	0319900402900406WA9003L865	002R4CLPPE1XLT	350UGKG	1.0000MSCDT	04-CHLOROPHENYL-PHENYLO	0625HR
GRS	0401	0319900402900406WA9003L865	002RFLRENE1XLT	350UGKG	1.0000MSCDT	0FLUORENE	0625HR
GRS	0401	0319900402900406WA9003L865	002R4NANIL1XLT	1700UGKG	1.0000MSCDT	04-NITROANILINE	0625HR
GRS	0401	0319900402900406WA9003L865	002R46DN2C1XLT	1700UGKG	1.0000MSCDT	04,6-DINITRO-2-METHYLO	0625HR
GRS	0401	0319900402900406WA9003L865	002RNNDPA 1XLT	350UGKG	1.0000MSCDT	0N-NITROSODIPHENYLAMIO	0625HR
GRS	0401	0319900402900406WA9003L865	002R4BRPPE1XLT	350UGKG	1.0000MSCDT	04-BROMOPHENYL-PHENYLO	0625HR
GRS	0401	0319900402900406WA9003L865	002RCL6BZ 1XLT	350UGKG	1.0000MSCDT	0HEXACHLOROBENZENE	0625HR
GRS	0401	0319900402900406WA9003L865	002RPCP 1XLT	1700UGKG	1.0000MSCDT	0PENTACHLOROPHENOL	0625HR
GRS	0401	0319900402900406WA9003L865	002RPHANTR1XLT	350UGKG	1.0000MSCDT	0PHENANTHRENE	0625HR
GRS	0401	0319900402900406WA9003L865	002RANTRC 1XLT	350UGKG	1.0000MSCDT	0ANTHRACENE	0625HR
GRS	0401	0319900402900406WA9003L865	002RDNB 1XLT	350UGKG	1.0000MSCDT	0DI-N-BUTYLPHTHALATE	0625HR
GRS	0401	0319900402900406WA9003L865	002RFANT 1XLT	350UGKG	1.0000MSCDT	0FLUORANTHENE	0625HR
GRS	0401	0319900402900406WA9003L865	002RPYR 1XLT	350UGKG	1.0000MSCDT	0PYRENE	0625HR
GRS	0401	0319900402900406WA9003L865	002RBBZP 1XLT	350UGKG	1.0000MSCDT	0BUTYLBENZYLPHTHALATEO	0625HR
GRS	0401	0319900402900406WA9003L865	002R33CL2B1XLT	700UGKG	1.0000MSCDT	03,3'-DICHLORO BENZIDIO	0625HR
GRS	0401	0319900402900406WA9003L865	002RBAAINTR1XLT	350UGKG	1.0000MSCDT	0BENZO (A) ANTHRACENE	0625HR
GRS	0401	0319900402900406WA9003L865	002RCHRY 1XLT	350UGKG	1.0000MSCDT	0CHRYSENE	0625HR
GRS	0401	0319900402900406WA9003L865	002RB2EHP 1XLT	350UGKG	1.0000MSCDT	0BIS (2-ETHYLHEXYL) PHTO	0625HR
GRS	0401	0319900402900406WA9003L865	002RDNOP 1XLT	350UGKG	1.0000MSCDT	0DI-N-OCTYL PHTHALATEO	0625HR
GRS	0401	0319900402900406WA9003L865	002RBF2ANT1XLT	350UGKG	1.0000MSCDT	0BENZO (B) FLUORANTHENE	0625HR
GRS	0401	0319900402900406WA9003L865	002RBKFANT1XLT	350UGKG	1.0000MSCDT	0BENZO (K) FLUORANTHENE	0625HR
GRS	0401	0319900402900406WA9003L865	002RBAPYR 1XLT	350UGKG	1.0000MSCDT	0BENZO (A) PYRENE	0625HR
GRS	0401	0319900402900406WA9003L865	002RICDPYR1XLT	350UGKG	1.0000MSCDT	0INDENO (1,2,3-CD) PYREO	0625HR
GRS	0401	0319900402900406WA9003L865	002RDBAHA 1XLT	350UGKG	1.0000MSCDT	0DIBENZO (A,H) ANTHRACEO	0625HR
GRS	0401	0319900402900406WA9003L865	002RBGHIPY1XLT	350UGKG	1.0000MSCDT	0BENZO (G,H,I) PERYLENEO	0625HR
GRS	0401A0319900328900051WA9003L865	003		81.8%	10 JH	0% SOLIDS	I% SOLN
GRS	0401A0319900519900451WA9003L865	003 AG	2ZLT	2.0MGKG	1.00ICALM	0SILVER, TOTAL	MAGTON
GRS	0401A0319900518900450WA9003L865	003 AS	1BLT	2.3MGKG	1.00AAAER	0ARSENIC, TOTAL	MASTON
GRS	0401A0319900519900451WA9003L865	003 BA	2ZLT	40.1MGKG	1.00ICALM	0BARIUM, TOTAL	MBATON
GRS	0401A0319900519900451WA9003L865	003 CD	2Z	1.2MGKG	1.00ICALM	0CADMIUM, TOTAL	MCDTON
GRS	0401A0319900519900451WA9003L865	003 CR	2Z	5.3MGKG	1.00ICALM	0CHROMIUM, TOTAL	MCRTON
GRS	0401A0319900405900055WA9003L865	003 HGTOT	1DLT	0.12MGKG	1.00HGJJW	0MERCURY, TOTAL	MHGTON
GRS	0401A0319900518900450WA9003L865	003 PB	1B	1.1MGKG	1.00AAEJS	0LEAD, TOTAL	MPBTON
GRS	0401A0319900518900450WA9003L865	003 SE	1BLT	1.2MGKG	1.00AAMLR	0SELENIUM, TOTAL	MSETON
GRS	0401A0319900327900051WA9003L865	003 MEC6D82J		98PER	1.0000MSJBD	53.000TOLUENE-D8	0624HN
GRS	0401A0319900327900051WA9003L865	003 PBFB 2J		105PER	1.0000MSJBD	53.000BROMOFLUOROBENZENE	0624HN
GRS	0401A0319900327900051WA9003L865	003 12DCD42J		87PER	1.0000MSJBD	53.0001,2-DICHLOROETHANE-DO	0624HN
GRS	0401A0319900327900051WA9003L865	003 CH3CL 2JLT		11UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
GRS	0401A0319900327900051WA9003L865	003 CH3BR 2JLT		11UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
GRS	0401A0319900327900051WA9003L865	003 C2H3CL2JLT		11UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN

GRS	0401A0319900327900051WA9003L865	003	C2H5CL2JLT	11UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
GRS	0401A0319900327900051WA9003L865	003	CH2CL22JB	7UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
GRS	0401A0319900327900051WA9003L865	003	ACET 2JLT	11UGKG	1.0000MSJBD	0ACETONE	0624HN
GRS	0401A0319900327900051WA9003L865	003	CS2 2JLT	5UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
GRS	0401A0319900327900051WA9003L865	003	11DCE 2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
GRS	0401A0319900327900051WA9003L865	003	11DCLE2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
GRS	0401A0319900327900051WA9003L865	003	T12DCE2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN
GRS	0401A0319900327900051WA9003L865	003	CHCL3 2JLT	5UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
GRS	0401A0319900327900051WA9003L865	003	12DCLE2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN
GRS	0401A0319900327900051WA9003L865	003	MEK 2JLT	11UGKG	1.0000MSJBD	02-BUTANONE	0624HN
GRS	0401A0319900327900051WA9003L865	003	111TCE2JLT	5UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANE	0624HN
GRS	0401A0319900327900051WA9003L865	003	CCL4 2JLT	5UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HN
GRS	0401A0319900327900051WA9003L865	003	VINYLA2JLT	11UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN
GRS	0401A0319900327900051WA9003L865	003	BRDCLM2JLT	5UGKG	1.0000MSJBD	0BROMODICHLOROMETHANE	0624HN
GRS	0401A0319900327900051WA9003L865	003	12DCLP2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN
GRS	0401A0319900327900051WA9003L865	003	13DCPC2JLT	5UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPANE	0624HN
GRS	0401A0319900327900051WA9003L865	003	TRCLE 2JLT	5UGKG	1.0000MSJBD	0TRICHLOROETHENE	0624HN
GRS	0401A0319900327900051WA9003L865	003	DBRCLM2JLT	5UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANE	0624HN
GRS	0401A0319900327900051WA9003L865	003	112TCE2JLT	5UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANE	0624HN
GRS	0401A0319900327900051WA9003L865	003	C6H6 2JLT	5UGKG	1.0000MSJBD	0BENZENE	0624HN
GRS	0401A0319900327900051WA9003L865	003	T13DCP2JLT	5UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPROPANE	0624HN
GRS	0401A0319900327900051WA9003L865	003	CHBR3 2JLT	5UGKG	1.0000MSJBD	0BROMOFORM	0624HN
GRS	0401A0319900327900051WA9003L865	003	4ME2PE2JLT	11UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	0624HN
GRS	0401A0319900327900051WA9003L865	003	2HXONE2JLT	11UGKG	1.0000MSJBD	02-HEXANONE	0624HN
GRS	0401A0319900327900051WA9003L865	003	TCLEE 2JLT	5UGKG	1.0000MSJBD	0TETRACHLOROETHENE	0624HN
GRS	0401A0319900327900051WA9003L865	003	TCLEA 2JLT	5UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROETHANE	0624HN
GRS	0401A0319900327900051WA9003L865	003	MEC6H52JLT	5UGKG	1.0000MSJBD	0TOLUENE	0624HN
GRS	0401A0319900327900051WA9003L865	003	CLC6H52JLT	5UGKG	1.0000MSJBD	0CHLOROBENZENE	0624HN
GRS	0401A0319900327900051WA9003L865	003	ETC6H52JLT	5UGKG	1.0000MSJBD	0ETHYLBENZENE	0624HN
GRS	0401A0319900327900051WA9003L865	003	STYR 2JLT	5UGKG	1.0000MSJBD	0STYRENE	0624HN
GRS	0401A0319900327900051WA9003L865	003	XYLEN 2JLT	5UGKG	1.0000MSJBD	0XYLENE (TOTAL)	0624HN
GRS	0401A0319900402900406WA9003L865	003	NBD5 1X	76PER	1.0000MSCDT	1745.000NITROBENZENE-D5	0625HN
GRS	0401A0319900402900406WA9003L865	003	2FBP 1X	68PER	1.0000MSCDT	1745.0002-FLUOROBIPHENYL	0625HN
GRS	0401A0319900402900406WA9003L865	003	PTERP 1X	59PER	1.0000MSCDT	1745.000P-TERPHENYL-D14	0625HN
GRS	0401A0319900402900406WA9003L865	003	PHEND51X	81PER	1.0000MSCDT	3489.999PHENOL-D5	0625HN
GRS	0401A0319900402900406WA9003L865	003	2FP 1X	66PER	1.0000MSCDT	3489.9992-FLUOROPHENOL	0625HN
GRS	0401A0319900402900406WA9003L865	003	246TBP1X	94PER	1.0000MSCDT	3489.9992,4,6-TRIBROMOPHENOL	0625HN
GRS	0401A0319900402900406WA9003L865	003	PHENOL1XLT	350UGKG	1.0000MSCDT	0PHENOL	0625HN
GRS	0401A0319900402900406WA9003L865	003	B2CEE 1XLT	350UGKG	1.0000MSCDT	0BIS(2-CHLOROETHYL) ET	0625HN
GRS	0401A0319900402900406WA9003L865	003	2CLP 1XLT	350UGKG	1.0000MSCDT	02-CHLOROPHENOL	0625HN
GRS	0401A0319900402900406WA9003L865	003	13DCLB1XLT	350UGKG	1.0000MSCDT	01,3-DICHLOROBENZENE	0625HN
GRS	0401A0319900402900406WA9003L865	003	14DCLB1XLT	350UGKG	1.0000MSCDT	01,4-DICHLOROBENZENE	0625HN
GRS	0401A0319900402900406WA9003L865	003	BZALC 1XLT	350UGKG	1.0000MSCDT	0BENZYL ALCOHOL	0625HN
GRS	0401A0319900402900406WA9003L865	003	12DCLB1XLT	350UGKG	1.0000MSCDT	01,2-DICHLOROBENZENE	0625HN
GRS	0401A0319900402900406WA9003L865	003	2MP 1XLT	350UGKG	1.0000MSCDT	02-METHYLPHENOL	0625HN
GRS	0401A0319900402900406WA9003L865	003	B2CIPE1XLT	350UGKG	1.0000MSCDT	0BIS(2-CHLOROISOPROPYL)	0625HN
GRS	0401A0319900402900406WA9003L865	003	4MP 1XLT	350UGKG	1.0000MSCDT	04-METHYLPHENOL	0625HN
GRS	0401A0319900402900406WA9003L865	003	NDNPA 1XLT	350UGKG	1.0000MSCDT	0N-NITROSO-DI-N-PROPYL	0625HN

GRS	0401A0319900402900406WA9003L865	003	CL6ET 1XLT	350UGKG	1.0000MSCDT	0HEXACHLOROETHANE	O625HN
GRS	0401A0319900402900406WA9003L865	003	NB 1XLT	350UGKG	1.0000MSCDT	0NITROBENZENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	ISOPHR1XLT	350UGKG	1.0000MSCDT	0ISOPHORONE	O625HN
GRS	0401A0319900402900406WA9003L865	003	2NP 1XLT	350UGKG	1.0000MSCDT	02-NITROPHENOL	O625HN
GRS	0401A0319900402900406WA9003L865	003	24DMPN1XLT	350UGKG	1.0000MSCDT	02,4-DIMETHYLPHENOL	O625HN
GRS	0401A0319900402900406WA9003L865	003	BENZOAI1XLT	1700UGKG	1.0000MSCDT	0BENZOIC ACID	O625HN
GRS	0401A0319900402900406WA9003L865	003	B2CEXM1XLT	350UGKG	1.0000MSCDT	0BIS (2-CHLOROETHOXY)MO	0625HN
GRS	0401A0319900402900406WA9003L865	003	24DCLP1XLT	350UGKG	1.0000MSCDT	02,4-DICHLOROPHENOL	O625HN
GRS	0401A0319900402900406WA9003L865	003	124TCB1XLT	350UGKG	1.0000MSCDT	01,2,4-TRICHLOROBENZEO	0625HN
GRS	0401A0319900402900406WA9003L865	003	NAP 1XLT	350UGKG	1.0000MSCDT	0NAPHTHALENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	4CANIL1XLT	350UGKG	1.0000MSCDT	04-CHLOROANILINE	O625HN
GRS	0401A0319900402900406WA9003L865	003	HCBD 1XLT	350UGKG	1.0000MSCDT	0HEXACHLOROBUTADIENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	4CL3C 1XLT	350UGKG	1.0000MSCDT	04-CHLORO-3-METHYLPHEO	0625HN
GRS	0401A0319900402900406WA9003L865	003	2MENAP1XLT	350UGKG	1.0000MSCDT	02-METHYLNAPHTHALENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	CL6CP 1XLT	350UGKG	1.0000MSCDT	0HEXACHLOROCYCLOPENTAO	0625HN
GRS	0401A0319900402900406WA9003L865	003	246TCP1XLT	350UGKG	1.0000MSCDT	02,4,6-TRICHLOROPHENOO	0625HN
GRS	0401A0319900402900406WA9003L865	003	245TCP1XLT	1700UGKG	1.0000MSCDT	02,4,5-TRICHLOROPHENOO	0625HN
GRS	0401A0319900402900406WA9003L865	003	2CNAP 1XLT	350UGKG	1.0000MSCDT	02-CHLORONAPHTHALENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	2NANIL1XLT	1700UGKG	1.0000MSCDT	02-NITROANILINE	O625HN
GRS	0401A0319900402900406WA9003L865	003	DMP 1XLT	350UGKG	1.0000MSCDT	0DIMETHYLPHTHALATE	O625HN
GRS	0401A0319900402900406WA9003L865	003	ANAPYL1XLT	350UGKG	1.0000MSCDT	0ACENAPHTHYLENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	26DNT 1XLT	350UGKG	1.0000MSCDT	02,6-DINITROTOLUENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	3NANIL1XLT	1700UGKG	1.0000MSCDT	03-NITROANILINE	O625HN
GRS	0401A0319900402900406WA9003L865	003	ANAPNE1XLT	350UGKG	1.0000MSCDT	0ACENAPHTHENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	24DNP 1XLT	1700UGKG	1.0000MSCDT	02,4-DINITROPHENOL	O625HN
GRS	0401A0319900402900406WA9003L865	003	4NP 1XLT	1700UGKG	1.0000MSCDT	04-NITROPHENOL	O625HN
GRS	0401A0319900402900406WA9003L865	003	DIBZFU1XLT	350UGKG	1.0000MSCDT	0DIBENZOFURAN	O625HN
GRS	0401A0319900402900406WA9003L865	003	24DNT 1XLT	350UGKG	1.0000MSCDT	02,4-DINITROTOLUENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	DEP 1XLT	350UGKG	1.0000MSCDT	0DIETHYLPHTHALATE	O625HN
GRS	0401A0319900402900406WA9003L865	003	4CLPPE1XLT	350UGKG	1.0000MSCDT	04-CHLOROPHENYL-PHENYO	0625HN
GRS	0401A0319900402900406WA9003L865	003	FLRENE1XLT	350UGKG	1.0000MSCDT	0FLUORENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	4NANIL1XLT	1700UGKG	1.0000MSCDT	04-NITROANILINE	O625HN
GRS	0401A0319900402900406WA9003L865	003	46DN2C1XLT	1700UGKG	1.0000MSCDT	04,6-DINITRO-2-METHYLO	0625HN
GRS	0401A0319900402900406WA9003L865	003	NNDPA 1XLT	350UGKG	1.0000MSCDT	0N-NITROSODIPHENYLAMIO	0625HN
GRS	0401A0319900402900406WA9003L865	003	4BRPPE1XLT	350UGKG	1.0000MSCDT	04-BROMOPHENYL-PHENYLO	0625HN
GRS	0401A0319900402900406WA9003L865	003	CL6BZ 1XLT	350UGKG	1.0000MSCDT	0HEXACHLOROBENZENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	PCP 1XLT	1700UGKG	1.0000MSCDT	0PENTACHLOROPHENOL	O625HN
GRS	0401A0319900402900406WA9003L865	003	PHANTR1XLT	350UGKG	1.0000MSCDT	0PHENANTHRENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	ANTRC 1XLT	350UGKG	1.0000MSCDT	0ANTHRACENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	DNBP 1XLT	350UGKG	1.0000MSCDT	0DI-N-BUTYLPHTHALATE	O625HN
GRS	0401A0319900402900406WA9003L865	003	FANT 1XLT	350UGKG	1.0000MSCDT	0FLUORANTHENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	PYR 1XLT	350UGKG	1.0000MSCDT	0PYRENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	BBZP 1XLT	350UGKG	1.0000MSCDT	0BUTYLBENZYLPHTHALATEO	0625HN
GRS	0401A0319900402900406WA9003L865	003	33CL2B1XLT	700UGKG	1.0000MSCDT	03,3'-DICHLOROBENZIDIO	0625HN
GRS	0401A0319900402900406WA9003L865	003	BAANTR1XLT	350UGKG	1.0000MSCDT	0BENZO (A) ANTHRACENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	CHRY 1XLT	350UGKG	1.0000MSCDT	0CHRYSENE	O625HN
GRS	0401A0319900402900406WA9003L865	003	B2EHP 1XLT	350UGKG	1.0000MSCDT	0BIS (2-ETHYLHEXYL) PHTO	0625HN
GRS	0401A0319900402900406WA9003L865	003	DNOP 1XLT	350UGKG	1.0000MSCDT	0DI-N-OCTYL PHTHALAT	0625HN

GRS	0401A0319900402900406WA9003L865	003	BF2ANT1XLT	350UGKG	1.0000MSCDT	0BENZO (B) FLUORANTHENE	0625HN
GRS	0401A0319900402900406WA9003L865	003	BKFANT1XLT	350UGKG	1.0000MSCDT	0BENZO (K) FLUORANTHENE	0625HN
GRS	0401A0319900402900406WA9003L865	003	BAPYR 1XLT	350UGKG	1.0000MSCDT	0BENZO (A) PYRENE	0625HN
GRS	0401A0319900402900406WA9003L865	003	ICDPYR1XLT	350UGKG	1.0000MSCDT	0INDENO (1,2,3-CD) PYREO	0625HN
GRS	0401A0319900402900406WA9003L865	003	DBAHA 1XLT	350UGKG	1.0000MSCDT	0DIBENZO (A,H) ANTHRACEO	0625HN
GRS	0401A0319900402900406WA9003L865	003	BGHIPIY1XLT	350UGKG	1.0000MSCDT	0BENZO (G,H,I) PERYLENEO	0625HN
GRS	0301 0319900427900003WA9003L865	004	CEC EX	2.4MEQ1	10NADKS	0CATION EXCHANGE CAPAICEC	N
GRS	0301 0319900427900003WA9003L865	004	RCEC EX	2.4MEQ1	10NADKS	0CATION EXCHANGE CAPAICEC	R
GRS	0301 0319900427900003WA9003L865	004	CECB EX	2.3MEQ1	10NAALM	0EXCHANGEABLE BASES ICECB	N
GRS	0301 0319900427900003WA9003L865	004	RCECB EX	2.3MEQ1	10NAALM	0EXCHANGEABLE BASES ICECB	R
GRS	0301 0319900426900003WA9003L865	004	CECT EX	2.3MEQ1	10NADKS	0EXCHANGEABLE ACIDS ICECT	N
GRS	0301 0319900403900003WA9003L865	004	TOC 9I	2470MGKG	10DODKS	0TOTAL ORGANIC CARBONIOCT	N
GRS	0301 03199003289000054WA9003L865	004	PH 9R	6.2PH.U	10PHJH	0PH	IPH N
GRS	0301 03199003289000054WA9003L865	004	RPB 9R	6.2PH.U	10PHJH	0PH (REP)	IPH R
GRS	0301 03199003279000051WA9003L865	004	MEC6D82J	105PER	1.0000MSJBD	55.500TOLUENE-D8	0624HN
GRS	0301 03199003279000051WA9003L865	004	PBFB 2J	105PER	1.0000MSJBD	55.500BROMOFLUOROBENZENE	0624HN
GRS	0301 03199003279000051WA9003L865	004	12DCD42J	89PER	1.0000MSJBD	55.5001,2-DICHLOROETHANE-DO	0624HN
GRS	0301 03199003279000051WA9003L865	004	CH3CL 2JLT	11UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
GRS	0301 03199003279000051WA9003L865	004	CH3BR 2JLT	11UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
GRS	0301 03199003279000051WA9003L865	004	C2H3CL2JLT	11UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
GRS	0301 03199003279000051WA9003L865	004	C2H5CL2JLT	11UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
GRS	0301 03199003279000051WA9003L865	004	CH2CL22JB	28UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
GRS	0301 03199003279000051WA9003L865	004	ACET 2JB	28UGKG	1.0000MSJBD	0ACETONE	0624HN
GRS	0301 03199003279000051WA9003L865	004	CS2 2JLT	6UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
GRS	0301 03199003279000051WA9003L865	004	11DCE 2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
GRS	0301 03199003279000051WA9003L865	004	11DCE2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
GRS	0301 03199003279000051WA9003L865	004	T12DCE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN
GRS	0301 03199003279000051WA9003L865	004	CHCL3 2JLT	6UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
GRS	0301 03199003279000051WA9003L865	004	12DCE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN
GRS	0301 03199003279000051WA9003L865	004	MEK 2JLT	11UGKG	1.0000MSJBD	02-BUTANONE	0624HN
GRS	0301 03199003279000051WA9003L865	004	11TCE2JLT	6UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANO	0624HN
GRS	0301 03199003279000051WA9003L865	004	CCL4 2JLT	6UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HN
GRS	0301 03199003279000051WA9003L865	004	VINYLA2JLT	11UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN
GRS	0301 03199003279000051WA9003L865	004	BRDCLM2JLT	6UGKG	1.0000MSJBD	0BROMODICHLOROMETHANE	0624HN
GRS	0301 03199003279000051WA9003L865	004	12DCLP2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN
GRS	0301 03199003279000051WA9003L865	004	13DCPC2JLT	6UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	0624HN
GRS	0301 03199003279000051WA9003L865	004	TRCLE 2JLT	6UGKG	1.0000MSJBD	0TRICHLOROETHENE	0624HN
GRS	0301 03199003279000051WA9003L865	004	DBRCLM2JLT	6UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANE	0624HN
GRS	0301 03199003279000051WA9003L865	004	11TCE2JLT	6UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO	0624HN
GRS	0301 03199003279000051WA9003L865	004	C6H6 2JLT	6UGKG	1.0000MSJBD	0BENZENE	0624HN
GRS	0301 03199003279000051WA9003L865	004	T13DCP2JLT	6UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	0624HN
GRS	0301 03199003279000051WA9003L865	004	CHBR3 2JLT	6UGKG	1.0000MSJBD	0BROMOFORM	0624HN
GRS	0301 03199003279000051WA9003L865	004	4ME2PE2JLT	11UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	0624HN
GRS	0301 03199003279000051WA9003L865	004	2HXONE2JLT	11UGKG	1.0000MSJBD	02-HEXANONE	0624HN
GRS	0301 03199003279000051WA9003L865	004	TCLEE 2JLT	6UGKG	1.0000MSJBD	0TETRACHLOROETHENE	0624HN
GRS	0301 03199003279000051WA9003L865	004	TCLEA 2JLT	6UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	0624HN
GRS	0301 03199003279000051WA9003L865	004	MEC6H52JLT	6UGKG	1.0000MSJBD	0TOLUENE	0624HN
GRS	0301 03199003279000051WA9003L865	004	CLC6H52JLT	6UGKG	1.0000MSJBD	0CHLOROBENZENE	0624HN

GRS	0301	0319900327900051WA9003L865	004	ETC6H52JLT	6UGKG	1.0000MSJBD	0ETHYLBENZENE	O624HN
GRS	0301	0319900327900051WA9003L865	004	STYR 2JLT	6UGKG	1.0000MSJBD	0STYRENE	O624HN
GRS	0301	0319900327900051WA9003L865	004	XYLEN 2JLT	6UGKG	1.0000MSJBD	0XYLENE (TOTAL)	O624HN
GRS	0301	0319900402900406WA9003L865	004	NBD5 1X	92PER	1.0000MSCDT	1930.000NITROBENZENE-D5	O625HN
GRS	0301	0319900402900406WA9003L865	004	2FBP 1X	92PER	1.0000MSCDT	1930.0002-FLUOROBIPHENYL	O625HN
GRS	0301	0319900402900406WA9003L865	004	PTERP 1X	79PER	1.0000MSCDT	1930.000P-TERPHENYL-D14	O625HN
GRS	0301	0319900402900406WA9003L865	004	PHEND51X	93PER	1.0000MSCDT	3860.001PHENOL-D5	O625HN
GRS	0301	0319900402900406WA9003L865	004	2FP 1X	72PER	1.0000MSCDT	3860.0012-FLUOROPHENOL	O625HN
GRS	0301	0319900402900406WA9003L865	004	246TBP1X	95PER	1.0000MSCDT	3860.0012,4,6-TRIBROMOPHENOL	O625HN
GRS	0301	0319900402900406WA9003L865	004	PHENOL1XLT	390UGKG	1.0000MSCDT	0PHENOL	O625HN
GRS	0301	0319900402900406WA9003L865	004	B2CEE 1XLT	390UGKG	1.0000MSCDT	0BIS (2-CHLOROETHYL) ETO	O625HN
GRS	0301	0319900402900406WA9003L865	004	2CLP 1XLT	390UGKG	1.0000MSCDT	02-CHLOROPHENOL	O625HN
GRS	0301	0319900402900406WA9003L865	004	13DCLB1XLT	390UGKG	1.0000MSCDT	01,3-DICHLOROBENZENE	O625HN
GRS	0301	0319900402900406WA9003L865	004	14DCLB1XLT	390UGKG	1.0000MSCDT	01,4-DICHLOROBENZENE	O625HN
GRS	0301	0319900402900406WA9003L865	004	BZALC 1XLT	390UGKG	1.0000MSCDT	0BENZYL ALCOHOL	O625HN
GRS	0301	0319900402900406WA9003L865	004	12DCLB1XLT	390UGKG	1.0000MSCDT	01,2-DICHLOROBENZENE	O625HN
GRS	0301	0319900402900406WA9003L865	004	2MP 1XLT	390UGKG	1.0000MSCDT	02-METHYLPHENOL	O625HN
GRS	0301	0319900402900406WA9003L865	004	B2CIPE1XLT	390UGKG	1.0000MSCDT	0BIS (2-CHLOROISOPROPYLO	O625HN
GRS	0301	0319900402900406WA9003L865	004	4MP 1XLT	390UGKG	1.0000MSCDT	04-METHYLPHENOL	O625HN
GRS	0301	0319900402900406WA9003L865	004	NDNPA 1XLT	390UGKG	1.0000MSCDT	0N-NITROSO-DI-N-PROPYO	O625HN
GRS	0301	0319900402900406WA9003L865	004	CL6ET 1XLT	390UGKG	1.0000MSCDT	0HEXACHLOROETHANE	O625HN
GRS	0301	0319900402900406WA9003L865	004	NB 1XLT	390UGKG	1.0000MSCDT	0NITROBENZENE	O625HN
GRS	0301	0319900402900406WA9003L865	004	ISOPHR1XLT	390UGKG	1.0000MSCDT	0ISOPHORONE	O625HN
GRS	0301	0319900402900406WA9003L865	004	2NP 1XLT	390UGKG	1.0000MSCDT	02-NITROPHENOL	O625HN
GRS	0301	0319900402900406WA9003L865	004	24DMPN1XLT	390UGKG	1.0000MSCDT	02,4-DIMETHYLPHENOL	O625HN
GRS	0301	0319900402900406WA9003L865	004	BENZOAL1XLT	1900UGKG	1.0000MSCDT	0BENZOIC ACID	O625HN
GRS	0301	0319900402900406WA9003L865	004	B2CEXM1XLT	390UGKG	1.0000MSCDT	0BIS (2-CHLOROETHOXY) MO	O625HN
GRS	0301	0319900402900406WA9003L865	004	24DCLP1XLT	390UGKG	1.0000MSCDT	02,4-DICHLOROPHENOL	O625HN
GRS	0301	0319900402900406WA9003L865	004	124TCB1XLT	390UGKG	1.0000MSCDT	01,2,4-TRICHLOROBENZEO	O625HN
GRS	0301	0319900402900406WA9003L865	004	NAP 1XLT	390UGKG	1.0000MSCDT	0NAPHTHALENE	O625HN
GRS	0301	0319900402900406WA9003L865	004	4CANIL1XLT	390UGKG	1.0000MSCDT	04-CHLOROANILINE	O625HN
GRS	0301	0319900402900406WA9003L865	004	HCBD 1XLT	390UGKG	1.0000MSCDT	0HEXACHLOROBUTADIENE	O625HN
GRS	0301	0319900402900406WA9003L865	004	4CL3C 1XLT	390UGKG	1.0000MSCDT	04-CHLORO-3-METHYLPHEO	O625HN
GRS	0301	0319900402900406WA9003L865	004	2MENAP1XLT	390UGKG	1.0000MSCDT	02-METHYLNAPHTHALENE	O625HN
GRS	0301	0319900402900406WA9003L865	004	CL6CP 1XLT	390UGKG	1.0000MSCDT	0HEXACHLOROCYCLOPENTAO	O625HN
GRS	0301	0319900402900406WA9003L865	004	246TCP1XLT	390UGKG	1.0000MSCDT	02,4,6-TRICHLOROPHENOO	O625HN
GRS	0301	0319900402900406WA9003L865	004	245TCP1XLT	1900UGKG	1.0000MSCDT	02,4,5-TRICHLOROPHENOO	O625HN
GRS	0301	0319900402900406WA9003L865	004	2CNAP 1XLT	390UGKG	1.0000MSCDT	02-CHLORONAPHTHALENE	O625HN
GRS	0301	0319900402900406WA9003L865	004	2NANIL1XLT	1900UGKG	1.0000MSCDT	02-NITROANILINE	O625HN
GRS	0301	0319900402900406WA9003L865	004	DMP 1XLT	390UGKG	1.0000MSCDT	0DIMETHYLPHTHALATE	O625HN
GRS	0301	0319900402900406WA9003L865	004	ANAPYL1XLT	390UGKG	1.0000MSCDT	0ACENAPHTHYLENE	O625HN
GRS	0301	0319900402900406WA9003L865	004	26DNT 1XLT	390UGKG	1.0000MSCDT	02,6-DINITROTOLUENE	O625HN
GRS	0301	0319900402900406WA9003L865	004	3NANIL1XLT	1900UGKG	1.0000MSCDT	03-NITROANILINE	O625HN
GRS	0301	0319900402900406WA9003L865	004	ANAPNE1XLT	390UGKG	1.0000MSCDT	0ACENAPHTHENE	O625HN
GRS	0301	0319900402900406WA9003L865	004	24DNP 1XLT	1900UGKG	1.0000MSCDT	02,4-DINITROPHENOL	O625HN
GRS	0301	0319900402900406WA9003L865	004	4NP 1XLT	1900UGKG	1.0000MSCDT	04-NITROPHENOL	O625HN
GRS	0301	0319900402900406WA9003L865	004	DIBZFU1XLT	390UGKG	1.0000MSCDT	0DIBENZOFURAN	O625HN
GRS	0301	0319900402900406WA9003L865	004	24DNT 1XLT	390UGKG	1.0000MSCDT	02,4-DINITROTOLUENE	O625HN

GRS	0301	0319900402900406WA9003L865	004	DEP	1XLT	330UGKG	1.0000MSCDT	0DIETHYLPHTHALATE	0625HN
GRS	0301	0319900402900406WA9003L865	004	4CLPPE1XLT		390UGKG	1.0000MSCDT	04-CHLOROPHENYL-PHENYLO625HN	
GRS	0301	0319900402900406WA9003L865	004	FLRENE1XLT		390UGKG	1.0000MSCDT	0FLUORENE	0625HN
GRS	0301	0319900402900406WA9003L865	004	4NANIL1XLT		1900UGKG	1.0000MSCDT	04-NITROANILINE	0625HN
GRS	0301	0319900402900406WA9003L865	004	46DN2C1XLT		1900UGKG	1.0000MSCDT	04,6-DINITRO-2-METHYLO625HN	
GRS	0301	0319900402900406WA9003L865	004	NNDPA	1XLT	390UGKG	1.0000MSCDT	0N-NITROSODIPHENYLAMIO625HN	
GRS	0301	0319900402900406WA9003L865	004	4BRPPE1XLT		390UGKG	1.0000MSCDT	04-BROMOPHENYL-PHENYLO625HN	
GRS	0301	0319900402900406WA9003L865	004	CL6BZ	1XLT	390UGKG	1.0000MSCDT	0HEXACHLOROBENZENE	0625HN
GRS	0301	0319900402900406WA9003L865	004	PCP	1XLT	1900UGKG	1.0000MSCDT	0PENTACHLOROPHENOL	0625HN
GRS	0301	0319900402900406WA9003L865	004	PHANTR1XLT		390UGKG	1.0000MSCDT	0PHENANTHRENE	0625HN
GRS	0301	0319900402900406WA9003L865	004	ANTRC	1XLT	390UGKG	1.0000MSCDT	0ANTHRACENE	0625HN
GRS	0301	0319900402900406WA9003L865	004	DNBP	1XLT	390UGKG	1.0000MSCDT	0DI-N-BUTYLPHTHALATE	0625HN
GRS	0301	0319900402900406WA9003L865	004	FANT	1XLT	390UGKG	1.0000MSCDT	0FLUORANTHENE	0625HN
GRS	0301	0319900402900406WA9003L865	004	PYR	1XLT	390UGKG	1.0000MSCDT	0PYRENE	0625HN
GRS	0301	0319900402900406WA9003L865	004	BBZP	1XLT	390UGKG	1.0000MSCDT	0BUTYLBENZYLPHTHALATEO625HN	
GRS	0301	0319900402900406WA9003L865	004	33CL2B1XLT		770UGKG	1.0000MSCDT	03,3'-DICHLOROBENZIDIO625HN	
GRS	0301	0319900402900406WA9003L865	004	BAANTR1XLT		390UGKG	1.0000MSCDT	0BENZO(A)ANTHRACENE	0625HN
GRS	0301	0319900402900406WA9003L865	004	CHRY	1XLT	390UGKG	1.0000MSCDT	0CHRYSENE	0625HN
GRS	0301	0319900402900406WA9003L865	004	B2EHP	1XLT	390UGKG	1.0000MSCDT	0BIS(2-ETHYLHEXYL)PHTO625HN	
GRS	0301	0319900402900406WA9003L865	004	DNOP	1XLT	390UGKG	1.0000MSCDT	0DI-N-OCTYL PHTHALATEO625HN	
GRS	0301	0319900402900406WA9003L865	004	BF2ANT1XLT		390UGKG	1.0000MSCDT	0BENZO(B)FLUORANTHENE0625HN	
GRS	0301	0319900402900406WA9003L865	004	BKFANT1XLT		390UGKG	1.0000MSCDT	0BENZO(K)FLUORANTHENE0625HN	
GRS	0301	0319900402900406WA9003L865	004	BAPYR	1XLT	390UGKG	1.0000MSCDT	0BENZO(A)PYRENE	0625HN
GRS	0301	0319900402900406WA9003L865	004	ICDPYR1XLT		390UGKG	1.0000MSCDT	0INDENO(1,2,3-CD)PYREO625HN	
GRS	0301	0319900402900406WA9003L865	004	DBAHA	1XLT	390UGKG	1.0000MSCDT	0DIBENZO(A,H)ANTHRACEO625HN	
GRS	0301	0319900402900406WA9003L865	004	BGHIPY1XLT		390UGKG	1.0000MSCDT	0BENZO(G,H,I)PERYLENEO625HN	
GRS	0501	0320900328900051WA9003L865	005			91.6%	10 JH	0% SOLIDS	1% SOLN
GRS	0501	0320900519900451WA9003L865	005	AG	2ZLT	2.0MGKG	1.00ICALM	0SILVER, TOTAL	MAGTON
GRS	0501	0320900518900450WA9003L865	005	AS	1BLT	2.1MGKG	1.00AAAER	0ARSENIC, TOTAL	MASTON
GRS	0501	0320900519900451WA9003L865	005	BA	2ZLT	39.3MGKG	1.00ICALM	0BARIUM, TOTAL	MBATON
GRS	0501	0320900519900451WA9003L865	005	CD	2Z	1.2MGKG	1.00ICALM	0CADMIUM, TOTAL	MCDTON
GRS	0501	0320900519900451WA9003L865	005	CR	2Z	8.0MGKG	1.00ICALM	0CHROMIUM, TOTAL	MCRTON
GRS	0501	0320900405900055WA9003L865	005	HGTOT	1DLT	0.11MGKG	1.00HGJJW	0MERCURY, TOTAL	MHGTON
GRS	0501	0320900518900450WA9003L865	005	PB	1B	2.1MGKG	1.00AAEJS	0LEAD, TOTAL	MPBTON
GRS	0501	0320900518900450WA9003L865	005	SE	1BLT	1.0MGKG	1.00AAMLR	0SELENIUM, TOTAL	MSETON
GRS	0501	0320900327900051WA9003L865	005	MEC6D82J		98PER	1.0000MSJBD	59.500TOLUENE-D8	0624HN
GRS	0501	0320900327900051WA9003L865	005	PBFB	2J	102PER	1.0000MSJBD	59.500BROMOFLUOROBENZENE	0624HN
GRS	0501	0320900327900051WA9003L865	005	12DCD42J		87PER	1.0000MSJBD	59.5001,2-DICHLOROETHANE-DO624HN	
GRS	0501	0320900327900051WA9003L865	005	CH3CL	2JLT	12UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
GRS	0501	0320900327900051WA9003L865	005	CH3BR	2JLT	12UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
GRS	0501	0320900327900051WA9003L865	005	C2H3CL2JLT		12UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
GRS	0501	0320900327900051WA9003L865	005	C2H5CL2JLT		12UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
GRS	0501	0320900327900051WA9003L865	005	CH2CL22JB		32UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
GRS	0501	0320900327900051WA9003L865	005	ACET	2JLT	12UGKG	1.0000MSJBD	0ACETONE	0624HN
GRS	0501	0320900327900051WA9003L865	005	CS2	2JLT	6UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
GRS	0501	0320900327900051WA9003L865	005	11DCE	2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
GRS	0501	0320900327900051WA9003L865	005	11DCLE2JLT		6UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
GRS	0501	0320900327900051WA9003L865	005	T12DCE2JLT		6UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN

GRS	0501	0320900327900051WA9003L865	005	CHCL3 2JLT	6UGKG	1.0000MSJBD	0CHLOROFORM	O624HN
GRS	0501	0320900327900051WA9003L865	005	12DCLE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	O624HN
GRS	0501	0320900327900051WA9003L865	005	MEK 2JLT	12UGKG	1.0000MSJBD	02-BUTANONE	O624HN
GRS	0501	0320900327900051WA9003L865	005	111TCE2JLT	6UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANO	O624HN
GRS	0501	0320900327900051WA9003L865	005	CCL4 2JLT	6UGKG	1.0000MSJBD	0CARBON TETRACHLORIDEO	O624HN
GRS	0501	0320900327900051WA9003L865	005	VINYLA2JLT	12UGKG	1.0000MSJBD	0VINYL ACETATE	O624HN
GRS	0501	0320900327900051WA9003L865	005	BRDCLM2JLT	6UGKG	1.0000MSJBD	0BROMODICHLOROMETHANEO	O624HN
GRS	0501	0320900327900051WA9003L865	005	12DCLP2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	O624HN
GRS	0501	0320900327900051WA9003L865	005	13DCPC2JLT	6UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	O624HN
GRS	0501	0320900327900051WA9003L865	005	TRCLE 2JLT	6UGKG	1.0000MSJBD	0TRICHLOROETHENE	O624HN
GRS	0501	0320900327900051WA9003L865	005	DBRCLM2JLT	6UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANEO	O624HN
GRS	0501	0320900327900051WA9003L865	005	112TCE2JLT	6UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO	O624HN
GRS	0501	0320900327900051WA9003L865	005	C6H6 2JLT	6UGKG	1.0000MSJBD	0BENZENE	O624HN
GRS	0501	0320900327900051WA9003L865	005	T13DCP2JLT	6UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	O624HN
GRS	0501	0320900327900051WA9003L865	005	CHBR3 2JLT	6UGKG	1.0000MSJBD	0BROMOFORM	O624HN
GRS	0501	0320900327900051WA9003L865	005	4ME2PE2JLT	12UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	O624HN
GRS	0501	0320900327900051WA9003L865	005	2HXONE2JLT	12UGKG	1.0000MSJBD	02-HEXANONE	O624HN
GRS	0501	0320900327900051WA9003L865	005	TCLEE 2JLT	6UGKG	1.0000MSJBD	0TETRACHLOROETHENE	O624HN
GRS	0501	0320900327900051WA9003L865	005	TCLEA 2JLT	6UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	O624HN
GRS	0501	0320900327900051WA9003L865	005	MEC6H52JLT	6UGKG	1.0000MSJBD	0TOLUENE	O624HN
GRS	0501	0320900327900051WA9003L865	005	CLC6H52JLT	6UGKG	1.0000MSJBD	0CHLOROBENZENE	O624HN
GRS	0501	0320900327900051WA9003L865	005	ETC6H52JLT	6UGKG	1.0000MSJBD	0ETHYLBENZENE	O624HN
GRS	0501	0320900327900051WA9003L865	005	STYR 2JLT	6UGKG	1.0000MSJBD	0STYRENE	O624HN
GRS	0501	0320900327900051WA9003L865	005	XYLEN 2JLT	6UGKG	1.0000MSJBD	0XYLENE (TOTAL)	O624HN
GRS	0501	0320900402900406WA9003L865	005	NBD5 1X	86PER	1.0000MSCDT	2010.000NITROBENZENE-D5	O625HN
GRS	0501	0320900402900406WA9003L865	005	2FBP 1X	83PER	1.0000MSCDT	2010.0002-FLUOROBIPHENYL	O625HN
GRS	0501	0320900402900406WA9003L865	005	PTERP 1X	68PER	1.0000MSCDT	2010.000P-TERPHENYL-D14	O625HN
GRS	0501	0320900402900406WA9003L865	005	PHEND51X	86PER	1.0000MSCDT	4020.000PHENOL-D5	O625HN
GRS	0501	0320900402900406WA9003L865	005	2FP 1X	69PER	1.0000MSCDT	4020.0002-FLUOROPHENOL	O625HN
GRS	0501	0320900402900406WA9003L865	005	246TBP1X	98PER	1.0000MSCDT	4020.0002,4,6-TRIBROMOPHENOLO	O625HN
GRS	0501	0320900402900406WA9003L865	005	PHENOL1XLT	400UGKG	1.0000MSCDT	0PHENOL	O625HN
GRS	0501	0320900402900406WA9003L865	005	B2CEE 1XLT	400UGKG	1.0000MSCDT	0BIS (2-CHLOROETHYL) ETO	O625HN
GRS	0501	0320900402900406WA9003L865	005	2CLP 1XLT	400UGKG	1.0000MSCDT	02-CHLOROPHENOL	O625HN
GRS	0501	0320900402900406WA9003L865	005	13DCLB1XLT	400UGKG	1.0000MSCDT	01,3-DICHLOROBENZENE	O625HN
GRS	0501	0320900402900406WA9003L865	005	14DCLB1XLT	400UGKG	1.0000MSCDT	01,4-DICHLOROBENZENE	O625HN
GRS	0501	0320900402900406WA9003L865	005	BZALC 1XLT	400UGKG	1.0000MSCDT	0BENZYL ALCOHOL	O625HN
GRS	0501	0320900402900406WA9003L865	005	12DCLB1XLT	400UGKG	1.0000MSCDT	01,2-DICHLOROBENZENE	O625HN
GRS	0501	0320900402900406WA9003L865	005	2MP 1XLT	400UGKG	1.0000MSCDT	02-METHYLPHENOL	O625HN
GRS	0501	0320900402900406WA9003L865	005	B2CIPE1XLT	400UGKG	1.0000MSCDT	0BIS (2-CHLOROISOPROPYO	O625HN
GRS	0501	0320900402900406WA9003L865	005	4MP 1XLT	400UGKG	1.0000MSCDT	04-METHYLPHENOL	O625HN
GRS	0501	0320900402900406WA9003L865	005	NDNPA 1XLT	400UGKG	1.0000MSCDT	0N-NITROSO-DI-N-PROPYO	O625HN
GRS	0501	0320900402900406WA9003L865	005	CL6ET 1XLT	400UGKG	1.0000MSCDT	0HEXACHLOROETHANE	O625HN
GRS	0501	0320900402900406WA9003L865	005	NB 1XLT	400UGKG	1.0000MSCDT	0NITROBENZENE	O625HN
GRS	0501	0320900402900406WA9003L865	005	ISOPHR1XLT	400UGKG	1.0000MSCDT	0ISOPHORONE	O625HN
GRS	0501	0320900402900406WA9003L865	005	2NP 1XLT	400UGKG	1.0000MSCDT	02-NITROPHENOL	O625HN
GRS	0501	0320900402900406WA9003L865	005	24DMPN1XLT	400UGKG	1.0000MSCDT	02,4-DIMETHYLPHENOL	O625HN
GRS	0501	0320900402900406WA9003L865	005	BENZO1XLT	2000UGKG	1.0000MSCDT	0BENZOIC ACID	O625HN
GRS	0501	0320900402900406WA9003L865	005	B2CEXM1XLT	400UGKG	1.0000MSCDT	0BIS (2-CHLOROETHOXY)	O625HN

GRS	0501	0320900402900406WA9003L865	005	24DCLP1XLT	400UGKG	1.0000MSCDT	02,4-DICHLOROPHENOL	0625HN
GRS	0501	0320900402900406WA9003L865	005	124TCB1XLT	400UGKG	1.0000MSCDT	01,2,4-TRICHLOROBENZEO	0625HN
GRS	0501	0320900402900406WA9003L865	005	NAP 1XLT	400UGKG	1.0000MSCDT	ONAPHTHALENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	4CANIL1XLT	400UGKG	1.0000MSCDT	04-CHLOROANILINE	0625HN
GRS	0501	0320900402900406WA9003L865	005	HCBD 1XLT	400UGKG	1.0000MSCDT	0HEXACHLOROBUTADIENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	4CL3C 1XLT	400UGKG	1.0000MSCDT	04-CHLORO-3-METHYLPHEO	0625HN
GRS	0501	0320900402900406WA9003L865	005	2MENAP1XLT	400UGKG	1.0000MSCDT	02-METHYLNAPHTHALENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	CL6CP 1XLT	400UGKG	1.0000MSCDT	0HEXACHLOROCYCLOPENTAO	0625HN
GRS	0501	0320900402900406WA9003L865	005	246TCP1XLT	400UGKG	1.0000MSCDT	02,4,6-TRICHLOROPHENOO	0625HN
GRS	0501	0320900402900406WA9003L865	005	245TCP1XLT	2000UGKG	1.0000MSCDT	02,4,5-TRICHLOROPHENOO	0625HN
GRS	0501	0320900402900406WA9003L865	005	2CNAP 1XLT	400UGKG	1.0000MSCDT	02-CHLORONAPHTHALENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	2NANIL1XLT	2000UGKG	1.0000MSCDT	02-NITROANILINE	0625HN
GRS	0501	0320900402900406WA9003L865	005	DMP 1XLT	400UGKG	1.0000MSCDT	0DIMETHYLPHTHALATE	0625HN
GRS	0501	0320900402900406WA9003L865	005	ANAPYL1XLT	400UGKG	1.0000MSCDT	0ACENAPHTHYLENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	26DNT 1XLT	400UGKG	1.0000MSCDT	02,6-DINITROTOLUENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	3NANIL1XLT	2000UGKG	1.0000MSCDT	03-NITROANILINE	0625HN
GRS	0501	0320900402900406WA9003L865	005	ANAPNE1XLT	400UGKG	1.0000MSCDT	0ACENAPHTHENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	24DNP 1XLT	2000UGKG	1.0000MSCDT	02,4-DINITROPHENOL	0625HN
GRS	0501	0320900402900406WA9003L865	005	4NP 1XLT	2000UGKG	1.0000MSCDT	04-NITROPHENOL	0625HN
GRS	0501	0320900402900406WA9003L865	005	DIBZFU1XLT	400UGKG	1.0000MSCDT	0DIBENZOFURAN	0625HN
GRS	0501	0320900402900406WA9003L865	005	24DNT 1XLT	400UGKG	1.0000MSCDT	02,4-DINITROTOLUENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	DEP 1XLT	400UGKG	1.0000MSCDT	0DIETHYLPHTHALATE	0625HN
GRS	0501	0320900402900406WA9003L865	005	4CLPPE1XLT	400UGKG	1.0000MSCDT	04-CHLOROPHENYL-PHENYO	0625HN
GRS	0501	0320900402900406WA9003L865	005	FLRENE1XLT	400UGKG	1.0000MSCDT	0FLUORENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	4NANIL1XLT	2000UGKG	1.0000MSCDT	04-NITROANILINE	0625HN
GRS	0501	0320900402900406WA9003L865	005	46DN2C1XLT	2000UGKG	1.0000MSCDT	04,6-DINITRO-2-METHYLO	0625HN
GRS	0501	0320900402900406WA9003L865	005	NNDPA 1XLT	400UGKG	1.0000MSCDT	0N-NITROSODIPHENYLAMIO	0625HN
GRS	0501	0320900402900406WA9003L865	005	4BRPPE1XLT	400UGKG	1.0000MSCDT	04-BROMOPHENYL-PHENYLO	0625HN
GRS	0501	0320900402900406WA9003L865	005	CL6BZ 1XLT	400UGKG	1.0000MSCDT	0HEXACHLOROBENZENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	PCP 1XLT	2000UGKG	1.0000MSCDT	0PENTACHLOROPHENOL	0625HN
GRS	0501	0320900402900406WA9003L865	005	PHANTR1XLT	400UGKG	1.0000MSCDT	0PHENANTHRENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	ANTRC 1XLT	400UGKG	1.0000MSCDT	0ANTHRACENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	DNBP 1XLT	400UGKG	1.0000MSCDT	0DI-N-BUTYLPHTHALATE	0625HN
GRS	0501	0320900402900406WA9003L865	005	FANT 1XLT	400UGKG	1.0000MSCDT	0FLUORANTHENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	PYR 1XLT	400UGKG	1.0000MSCDT	0PYRENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	BBZP 1XLT	400UGKG	1.0000MSCDT	0BUTYLBENZYLPHTHALATEO	0625HN
GRS	0501	0320900402900406WA9003L865	005	33CL2B1XLT	800UGKG	1.0000MSCDT	03,3'-DICHLOROBENZIDIO	0625HN
GRS	0501	0320900402900406WA9003L865	005	BAANTR1XLT	400UGKG	1.0000MSCDT	0BENZO (A) ANTHRACENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	CHRY 1XLT	400UGKG	1.0000MSCDT	0CHRYSENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	B2EHP 1XLT	400UGKG	1.0000MSCDT	0BIS (2-ETHYLHEXYL) PHTO	0625HN
GRS	0501	0320900402900406WA9003L865	005	DNOP 1XLT	400UGKG	1.0000MSCDT	0DI-N-OCTYL PHTHALATEO	0625HN
GRS	0501	0320900402900406WA9003L865	005	BF2ANT1XLT	400UGKG	1.0000MSCDT	0BENZO (B) FLUORANTHENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	BKFANT1XLT	400UGKG	1.0000MSCDT	0BENZO (K) FLUORANTHENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	BAPYR 1XLT	400UGKG	1.0000MSCDT	0BENZO (A) PYRENE	0625HN
GRS	0501	0320900402900406WA9003L865	005	ICDPYR1XLT	400UGKG	1.0000MSCDT	0INDENO (1,2,3-CD) PYREO	0625HN
GRS	0501	0320900402900406WA9003L865	005	DBAHA 1XLT	400UGKG	1.0000MSCDT	0DIBENZO (A,H) ANTHRACEO	0625HN
GRS	0501	0320900402900406WA9003L865	005	BGHPY1XLT	400UGKG	1.0000MSCDT	0BENZO (G,H,I) PERYLENEO	0625HN
GRS	0601	0320900328900051WA9003L865	006		88.6%	10 JH	0% SOLIDS	I% SOLN

GRS	0601	0320900423901200WA9003L865	006	ALPHAG9W	5.0PCIG	10EBUNK	OGROSS ALPHA	IALPHN
GRS	0601	0320900423901200WA9003L865	006	BETAG 9W	7.0PCIG	10EBUNK	ONONVOLATILE BETA	IBETAN
GRS	0601	0320900519900451WA9003L865	006	AG 2ZLT	1.9MGKG	1.00ICALM	0SILVER, TOTAL	MAGTON
GRS	0601	0320900518900450WA9003L865	006	AS 1BLT	2.0MGKG	1.00AAAER	0ARSENIC, TOTAL	MASTON
GRS	0601	0320900519900451WA9003L865	006	BA 2ZLT	37.7MGKG	1.00ICALM	0BARIUM, TOTAL	MBATON
GRS	0601	0320900519900451WA9003L865	006	CD 2Z	1.2MGKG	1.00ICALM	0CADMIUM, TOTAL	MCDTON
GRS	0601	0320900519900451WA9003L865	006	CR 2Z	14.9MGKG	1.00ICALM	0CHROMIUM, TOTAL	MCRTON
GRS	0601	0320900405900055WA9003L865	006	HGTOT 1D	0.14MGKG	1.00HGJJW	0MERCURY, TOTAL	MHGTON
GRS	0601	0320900518900450WA9003L865	006	PB 1B	5.1MGKG	1.00AAEJS	0LEAD, TOTAL	MPBTON
GRS	0601	0320900518900450WA9003L865	006	SE 1BLT	1.0MGKG	1.00AAMLR	0SELENIUM, TOTAL	MSETON
GRS	0601	0320900327900051WA9003L865	006	MEC6D82J	102PER	1.0000MSJBD	56.500TOLUENE-D8	O624HN
GRS	0601	0320900327900051WA9003L865	006	PBFB 2J	107PER	1.0000MSJBD	56.500BROMOFLUOROENZENE	O624HN
GRS	0601	0320900327900051WA9003L865	006	12DCD42J	91PER	1.0000MSJBD	56.5001,2-DICHLOROETHANE-DO	O624HN
GRS	0601	0320900327900051WA9003L865	006	CH3CL 2JLT	11UGKG	1.0000MSJBD	0CHLOROMETHANE	O624HN
GRS	0601	0320900327900051WA9003L865	006	CH3BR 2JLT	11UGKG	1.0000MSJBD	0BROMOMETHANE	O624HN
GRS	0601	0320900327900051WA9003L865	006	C2H3CL2JLT	11UGKG	1.0000MSJBD	0VINYL CHLORIDE	O624HN
GRS	0601	0320900327900051WA9003L865	006	C2H5CL2JLT	11UGKG	1.0000MSJBD	0CHLOROETHANE	O624HN
GRS	0601	0320900327900051WA9003L865	006	CH2CL22JB	6UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	O624HN
GRS	0601	0320900327900051WA9003L865	006	ACET 2JLT	11UGKG	1.0000MSJBD	0ACETONE	O624HN
GRS	0601	0320900327900051WA9003L865	006	CS2 2JLT	6UGKG	1.0000MSJBD	0CARBON DISULFIDE	O624HN
GRS	0601	0320900327900051WA9003L865	006	11DCE 2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	O624HN
GRS	0601	0320900327900051WA9003L865	006	11DCLE2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	O624HN
GRS	0601	0320900327900051WA9003L865	006	T12DCE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	O624HN
GRS	0601	0320900327900051WA9003L865	006	CHCL3 2JLT	6UGKG	1.0000MSJBD	0CHLOROFORM	O624HN
GRS	0601	0320900327900051WA9003L865	006	12DCLE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	O624HN
GRS	0601	0320900327900051WA9003L865	006	MEK 2JLT	11UGKG	1.0000MSJBD	02-BUTANONE	O624HN
GRS	0601	0320900327900051WA9003L865	006	111TCE2JLT	6UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANO	O624HN
GRS	0601	0320900327900051WA9003L865	006	CCL4 2JLT	6UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	O624HN
GRS	0601	0320900327900051WA9003L865	006	VINYLA2JLT	11UGKG	1.0000MSJBD	0VINYL ACETATE	O624HN
GRS	0601	0320900327900051WA9003L865	006	BRDCLM2JLT	6UGKG	1.0000MSJBD	0BROMODICHLOROMETHANEO	O624HN
GRS	0601	0320900327900051WA9003L865	006	12DCLP2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	O624HN
GRS	0601	0320900327900051WA9003L865	006	13DCPC2JLT	6UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	O624HN
GRS	0601	0320900327900051WA9003L865	006	TRCLE 2JLT	6UGKG	1.0000MSJBD	0TRICHLOROETHENE	O624HN
GRS	0601	0320900327900051WA9003L865	006	DBRCLM2JLT	6UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANEO	O624HN
GRS	0601	0320900327900051WA9003L865	006	112TCE2JLT	6UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO	O624HN
GRS	0601	0320900327900051WA9003L865	006	C6H6 2JLT	6UGKG	1.0000MSJBD	0BENZENE	O624HN
GRS	0601	0320900327900051WA9003L865	006	T13DCP2JLT	6UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	O624HN
GRS	0601	0320900327900051WA9003L865	006	CHBR3 2JLT	6UGKG	1.0000MSJBD	0BROMOFORM	O624HN
GRS	0601	0320900327900051WA9003L865	006	4ME2PE2JLT	11UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	O624HN
GRS	0601	0320900327900051WA9003L865	006	2HXONE2JLT	11UGKG	1.0000MSJBD	02-HEXANONE	O624HN
GRS	0601	0320900327900051WA9003L865	006	TCLEE 2JLT	6UGKG	1.0000MSJBD	0TETRACHLOROETHENE	O624HN
GRS	0601	0320900327900051WA9003L865	006	TCLEA 2JLT	6UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	O624HN
GRS	0601	0320900327900051WA9003L865	006	MEC6H52JLT	6UGKG	1.0000MSJBD	0TOLUENE	O624HN
GRS	0601	0320900327900051WA9003L865	006	CLC6H52JLT	6UGKG	1.0000MSJBD	0CHLOROBENZENE	O624HN
GRS	0601	0320900327900051WA9003L865	006	ETC6H52JLT	6UGKG	1.0000MSJBD	0ETHYLBENZENE	O624HN
GRS	0601	0320900327900051WA9003L865	006	STYR 2JLT	6UGKG	1.0000MSJBD	0STYRENE	O624HN
GRS	0601	0320900327900051WA9003L865	006	XYLEN 2JLT	6UGKG	1.0000MSJBD	0XYLENE (TOTAL)	O624HN
GRS	0601	0320900402900406WA9003L865	006	NBD5 1X	78PER	1.0000MSCDT	2075.000NITROBENZENE-D5	O625HN

GRS	0601	J320900402900406WA9003L865	006	2FBP 1X	55PER	1.0000MSCDT	2075.0002-FLUOROBIPHENYL	O625HN
GRS	0601	0320900402900406WA9003L865	006	PTERP 1X	69PER	1.0000MSCDT	2075.000P-TERPHENYL-D14	O625HN
GRS	0601	0320900402900406WA9003L865	006	PHEND51X	78PER	1.0000MSCDT	4150.000PHENOL-D5	O625HN
GRS	0601	0320900402900406WA9003L865	006	2FP 1X	52PER	1.0000MSCDT	4150.0002-FLUOROPHENOL	O625HN
GRS	0601	0320900402900406WA9003L865	006	246TBP1X	59PER	1.0000MSCDT	4150.0002,4,6-TRIBROMOPHENOL	O625HN
GRS	0601	0320900402900406WA9003L865	006	PHENOL1XLT	420UGKG	1.0000MSCDT	0PHENOL	O625HN
GRS	0601	0320900402900406WA9003L865	006	B2CEE 1XLT	420UGKG	1.0000MSCDT	0BIS (2-CHLOROETHYL) ETO	O625HN
GRS	0601	0320900402900406WA9003L865	006	2CLP 1XLT	420UGKG	1.0000MSCDT	02-CHLOROPHENOL	O625HN
GRS	0601	0320900402900406WA9003L865	006	13DCLB1XLT	420UGKG	1.0000MSCDT	01,3-DICHLOROBENZENE	O625HN
GRS	0601	0320900402900406WA9003L865	006	14DCLB1XLT	420UGKG	1.0000MSCDT	01,4-DICHLOROBENZENE	O625HN
GRS	0601	0320900402900406WA9003L865	006	BZALC 1XLT	420UGKG	1.0000MSCDT	0BENZYL ALCOHOL	O625HN
GRS	0601	0320900402900406WA9003L865	006	12DCLB1XLT	420UGKG	1.0000MSCDT	01,2-DICHLOROBENZENE	O625HN
GRS	0601	0320900402900406WA9003L865	006	2MP 1XLT	420UGKG	1.0000MSCDT	02-METHYLPHENOL	O625HN
GRS	0601	0320900402900406WA9003L865	006	B2CIPE1XLT	420UGKG	1.0000MSCDT	0BIS (2-CHLOROISOPROPYLO	O625HN
GRS	0601	0320900402900406WA9003L865	006	4MP 1XLT	420UGKG	1.0000MSCDT	04-METHYLPHENOL	O625HN
GRS	0601	0320900402900406WA9003L865	006	NDNPA 1XLT	420UGKG	1.0000MSCDT	0N-NITROSO-DI-N-PROPYLO	O625HN
GRS	0601	0320900402900406WA9003L865	006	CL6ET 1XLT	420UGKG	1.0000MSCDT	0HEXACHLOROETHANE	O625HN
GRS	0601	0320900402900406WA9003L865	006	NB 1XLT	420UGKG	1.0000MSCDT	0NITROBENZENE	O625HN
GRS	0601	0320900402900406WA9003L865	006	ISOPHR1XLT	420UGKG	1.0000MSCDT	0ISOPHORONE	O625HN
GRS	0601	0320900402900406WA9003L865	006	2NP 1XLT	420UGKG	1.0000MSCDT	02-NITROPHENOL	O625HN
GRS	0601	0320900402900406WA9003L865	006	24DMPN1XLT	420UGKG	1.0000MSCDT	02,4-DIMETHYLPHENOL	O625HN
GRS	0601	0320900402900406WA9003L865	006	BENZOAI1XLT	2100UGKG	1.0000MSCDT	0BENZOIC ACID	O625HN
GRS	0601	0320900402900406WA9003L865	006	B2CEXM1XLT	420UGKG	1.0000MSCDT	0BIS (2-CHLOROETHOXY) MO	O625HN
GRS	0601	0320900402900406WA9003L865	006	24DCLP1XLT	420UGKG	1.0000MSCDT	02,4-DICHLOROPHENOL	O625HN
GRS	0601	0320900402900406WA9003L865	006	124TCB1XLT	420UGKG	1.0000MSCDT	01,2,4-TRICHLOROBENZEO	O625HN
GRS	0601	0320900402900406WA9003L865	006	NAP 1XLT	420UGKG	1.0000MSCDT	0NAPHTHALENE	O625HN
GRS	0601	0320900402900406WA9003L865	006	4CANIL1XLT	420UGKG	1.0000MSCDT	04-CHLOROANILINE	O625HN
GRS	0601	0320900402900406WA9003L865	006	HCBD 1XLT	420UGKG	1.0000MSCDT	0HEXACHLOROBUTADIENE	O625HN
GRS	0601	0320900402900406WA9003L865	006	4CL3C 1XLT	420UGKG	1.0000MSCDT	04-CHLORO-3-METHYLPHEO	O625HN
GRS	0601	0320900402900406WA9003L865	006	2MENAP1XLT	420UGKG	1.0000MSCDT	02-METHYLNAPHTHALENE	O625HN
GRS	0601	0320900402900406WA9003L865	006	CL6CP 1XLT	420UGKG	1.0000MSCDT	0HEXACHLOROCYCLOPENTAO	O625HN
GRS	0601	0320900402900406WA9003L865	006	246TCP1XLT	420UGKG	1.0000MSCDT	02,4,6-TRICHLOROPHENOO	O625HN
GRS	0601	0320900402900406WA9003L865	006	245TCP1XLT	2100UGKG	1.0000MSCDT	02,4,5-TRICHLOROPHENOO	O625HN
GRS	0601	0320900402900406WA9003L865	006	2CNAP 1XLT	420UGKG	1.0000MSCDT	02-CHLORONAPHTHALENE	O625HN
GRS	0601	0320900402900406WA9003L865	006	2NANIL1XLT	2100UGKG	1.0000MSCDT	02-NITROANILINE	O625HN
GRS	0601	0320900402900406WA9003L865	006	DMP 1XLT	420UGKG	1.0000MSCDT	0DIMETHYLPHTHALATE	O625HN
GRS	0601	0320900402900406WA9003L865	006	ANAPYL1XLT	420UGKG	1.0000MSCDT	0ACENAPHTHYLENE	O625HN
GRS	0601	0320900402900406WA9003L865	006	26DNT 1XLT	420UGKG	1.0000MSCDT	02,6-DINITROTOLUENE	O625HN
GRS	0601	0320900402900406WA9003L865	006	3NANIL1XLT	2100UGKG	1.0000MSCDT	03-NITROANILINE	O625HN
GRS	0601	0320900402900406WA9003L865	006	ANAPNE1XLT	420UGKG	1.0000MSCDT	0ACENAPHTHENE	O625HN
GRS	0601	0320900402900406WA9003L865	006	24DNP 1XLT	2100UGKG	1.0000MSCDT	02,4-DINITROPHENOL	O625HN
GRS	0601	0320900402900406WA9003L865	006	4NP 1XLT	2100UGKG	1.0000MSCDT	04-NITROPHENOL	O625HN
GRS	0601	0320900402900406WA9003L865	006	DIBZFU1XLT	420UGKG	1.0000MSCDT	0DIBENZOFURAN	O625HN
GRS	0601	0320900402900406WA9003L865	006	24DNT 1XLT	420UGKG	1.0000MSCDT	02,4-DINITROTOLUENE	O625HN
GRS	0601	0320900402900406WA9003L865	006	DEP 1XLT	420UGKG	1.0000MSCDT	0DIETHYLPHTHALATE	O625HN
GRS	0601	0320900402900406WA9003L865	006	4CLPPE1XLT	420UGKG	1.0000MSCDT	04-CHLOROPHENYL-PHENYO	O625HN
GRS	0601	0320900402900406WA9003L865	006	FLRENE1XLT	420UGKG	1.0000MSCDT	0FLUORENE	O625HN
GRS	0601	0320900402900406WA9003L865	006	4NANIL1XLT	2100UGKG	1.0000MSCDT	04-NITROANILINE	O625HN

GRS	0601	0320900402900406WA9003L865	006	46DN2C1XLT	2100UGK	1.0000MSCDT	04, 6-DINITRO-2-METHYLO625HN
GRS	0601	0320900402900406WA9003L865	006	NNDPA 1XLT	4200UGK	1.0000MSCDT	0N-NITROSODIPHENYLAMIO625HN
GRS	0601	0320900402900406WA9003L865	006	4BRPPE1XLT	4200UGK	1.0000MSCDT	04-BROMOPHENYL-PHENYLO625HN
GRS	0601	0320900402900406WA9003L865	006	CL6BZ 1XLT	4200UGK	1.0000MSCDT	0HEXACHLOROBENZENE O625HN
GRS	0601	0320900402900406WA9003L865	006	PCP 1XLT	2100UGK	1.0000MSCDT	0PENTACHLOROPHENOL O625HN
GRS	0601	0320900402900406WA9003L865	006	PHANTR1XLT	4200UGK	1.0000MSCDT	0PHENANTHRENE O625HN
GRS	0601	0320900402900406WA9003L865	006	ANTRC 1XLT	4200UGK	1.0000MSCDT	0ANTHRACENE O625HN
GRS	0601	0320900402900406WA9003L865	006	DNP 1XLT	4200UGK	1.0000MSCDT	0DI-N-BUTYLPHTHALATE O625HN
GRS	0601	0320900402900406WA9003L865	006	FANT 1XLT	4200UGK	1.0000MSCDT	0FLUORANTHENE O625HN
GRS	0601	0320900402900406WA9003L865	006	PYR 1XLT	4200UGK	1.0000MSCDT	0PYRENE O625HN
GRS	0601	0320900402900406WA9003L865	006	BBZP 1XLT	4200UGK	1.0000MSCDT	0BUTYLBENZYLPHTHALATEO625HN
GRS	0601	0320900402900406WA9003L865	006	33CL2B1XLT	8300UGK	1.0000MSCDT	03, 3'-DICHLOBENZIDIO625HN
GRS	0601	0320900402900406WA9003L865	006	BAANTR1XLT	4200UGK	1.0000MSCDT	0BENZO (A) ANTHRACENE O625HN
GRS	0601	0320900402900406WA9003L865	006	CHRY 1XLT	4200UGK	1.0000MSCDT	0CHRYSENE O625HN
GRS	0601	0320900402900406WA9003L865	006	B2EHP 1XLT	4200UGK	1.0000MSCDT	0BIS (2-ETHYLHEXYL) PHTO625HN
GRS	0601	0320900402900406WA9003L865	006	DNOP 1XLT	4200UGK	1.0000MSCDT	0DI-N-OCTYL PHTHALATEO625HN
GRS	0601	0320900402900406WA9003L865	006	BF2ANT1XLT	4200UGK	1.0000MSCDT	0BENZO (B) FLUORANTHENE0625HN
GRS	0601	0320900402900406WA9003L865	006	BKFANT1XLT	4200UGK	1.0000MSCDT	0BENZO (K) FLUORANTHENE0625HN
GRS	0601	0320900402900406WA9003L865	006	BAPYR 1XLT	4200UGK	1.0000MSCDT	0BENZO (A) PYRENE O625HN
GRS	0601	0320900402900406WA9003L865	006	ICDPYR1XLT	4200UGK	1.0000MSCDT	0INDENO (1, 2, 3-CD) PYREO625HN
GRS	0601	0320900402900406WA9003L865	006	DBAHA 1XLT	4200UGK	1.0000MSCDT	0DIBENZO (A, H) ANTHRACEO625HN
GRS	0601	0320900402900406WA9003L865	006	BGHIPY1XLT	4200UGK	1.0000MSCDT	0BENZO (G, H, I) PERYLENEO625HN
GRS	1101	0320900328900051WA9003L865	007		90.4%	10 JH	0% SOLIDS
GRS	1101	0320900519900451WA9003L865	007	AG 2ZLT	2.1MGKG	1.00ICALM	0SILVER, TOTAL
GRS	1101	0320900518900450WA9003L865	007	AS 1BLT	2.1MGKG	1.00AAER	0ARSENIC, TOTAL
GRS	1101	0320900519900451WA9003L865	007	BA 2ZLT	42.0MGKG	1.00ICALM	0BARIUM, TOTAL
GRS	1101	0320900519900451WA9003L865	007	CD 2Z	1.3MGKG	1.00ICALM	0CADMIUM, TOTAL
GRS	1101	0320900519900451WA9003L865	007	CR 2Z	13.3MGKG	1.00ICALM	0CHROMIUM, TOTAL
GRS	1101	0320900405900055WA9003L865	007	HGTOT 1D	0.14MGKG	1.00HGJJW	0MERCURY, TOTAL
GRS	1101	0320900518900450WA9003L865	007	PB 1B	3.9MGKG	1.00AAEJS	0LEAD, TOTAL
GRS	1101	0320900518900450WA9003L865	007	SE 1BLT	1.1MGKG	1.00AAMLR	0SELENIUM, TOTAL
GRS	1101	0320900327900051WA9003L865	007	MEC6D82J	103PER	1.0000MSJBD	53.500TOLUENE-D8
GRS	1101	0320900327900051WA9003L865	007	PBFB 2J	105PER	1.0000MSJBD	53.500BROMOFUOROBENZENE O624HN
GRS	1101	0320900327900051WA9003L865	007	12DCD42J	86PER	1.0000MSJBD	53.5001, 2-DICHLOROETHANE-DO624HN
GRS	1101	0320900327900051WA9003L865	007	CH3CL 2JLT	11UGKG	1.0000MSJBD	0CHLOROMETHANE O624HN
GRS	1101	0320900327900051WA9003L865	007	CH3BR 2JLT	11UGKG	1.0000MSJBD	0BROMOMETHANE O624HN
GRS	1101	0320900327900051WA9003L865	007	C2H3CL2JLT	11UGKG	1.0000MSJBD	0VINYL CHLORIDE O624HN
GRS	1101	0320900327900051WA9003L865	007	C2H5CL2JLT	11UGKG	1.0000MSJBD	0CHLOROETHANE O624HN
GRS	1101	0320900327900051WA9003L865	007	CH2CL22JB	18UGKG	1.0000MSJBD	0METHYLENE CHLORIDE O624HN
GRS	1101	0320900327900051WA9003L865	007	ACET 2JLT	11UGKG	1.0000MSJBD	0ACETONE O624HN
GRS	1101	0320900327900051WA9003L865	007	CS2 2JLT	5UGKG	1.0000MSJBD	0CARBON DISULFIDE O624HN
GRS	1101	0320900327900051WA9003L865	007	11DCE 2JLT	5UGKG	1.0000MSJBD	01, 1-DICHLOROETHENE O624HN
GRS	1101	0320900327900051WA9003L865	007	11DCE2JLT	5UGKG	1.0000MSJBD	01, 1-DICHLOROETHANE O624HN
GRS	1101	0320900327900051WA9003L865	007	T12DCE2JLT	5UGKG	1.0000MSJBD	01, 2-DICHLOROETHENE (O624HN
GRS	1101	0320900327900051WA9003L865	007	CHCL3 2JLT	5UGKG	1.0000MSJBD	0CHLOROFORM O624HN
GRS	1101	0320900327900051WA9003L865	007	12DCE2JLT	5UGKG	1.0000MSJBD	01, 2-DICHLOROETHANE O624HN
GRS	1101	0320900327900051WA9003L865	007	MEK 2JLT	11UGKG	1.0000MSJBD	02-BUTANONE O624HN
GRS	1101	0320900327900051WA9003L865	007	111TCE2JLT	5UGKG	1.0000MSJBD	01, 1, 1-TRICHLOROETHANE O624HN

GRS	1101	0320900327900051WA9003L865	007	CCL4	2JLT	5UGKG	1.0000MSJBD	OCARBON TETRACHLORIDE	0624HN
GRS	1101	0320900327900051WA9003L865	007	VINYLA2	2JLT	11UGKG	1.0000MSJBD	OVINYL ACETATE	0624HN
GRS	1101	0320900327900051WA9003L865	007	BRDCLM2	2JLT	5UGKG	1.0000MSJBD	OBROMODICHLOROMETHANE	0624HN
GRS	1101	0320900327900051WA9003L865	007	12DCLP2	2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN
GRS	1101	0320900327900051WA9003L865	007	13DCPC2	2JLT	5UGKG	1.0000MSJBD	OCIS-1,3-DICHLOROPROPO	0624HN
GRS	1101	0320900327900051WA9003L865	007	TRCLE	2JLT	5UGKG	1.0000MSJBD	OTRICHOROETHENE	0624HN
GRS	1101	0320900327900051WA9003L865	007	DBRCLM2	2JLT	5UGKG	1.0000MSJBD	ODIBROMOCHLOROMETHANE	0624HN
GRS	1101	0320900327900051WA9003L865	007	112TCE2	2JLT	5UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO	0624HN
GRS	1101	0320900327900051WA9003L865	007	C6H6	2JLT	5UGKG	1.0000MSJBD	OENZENE	0624HN
GRS	1101	0320900327900051WA9003L865	007	T13DCP2	2JLT	5UGKG	1.0000MSJBD	OTRANS-1,3-DICHLOROPRO	0624HN
GRS	1101	0320900327900051WA9003L865	007	CHBR3	2JLT	5UGKG	1.0000MSJBD	OBROMOFORM	0624HN
GRS	1101	0320900327900051WA9003L865	007	4ME2PE2	2JLT	11UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	0624HN
GRS	1101	0320900327900051WA9003L865	007	2HXONE2	2JLT	11UGKG	1.0000MSJBD	02-HEXANONE	0624HN
GRS	1101	0320900327900051WA9003L865	007	TCLEE	2JLT	5UGKG	1.0000MSJBD	OTETRACHLOROETHENE	0624HN
GRS	1101	0320900327900051WA9003L865	007	TCLEA	2JLT	5UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	0624HN
GRS	1101	0320900327900051WA9003L865	007	MEC6H52	2JLT	5UGKG	1.0000MSJBD	OTOLUENE	0624HN
GRS	1101	0320900327900051WA9003L865	007	CLC6H52	2JLT	5UGKG	1.0000MSJBD	OCHLOROBENZENE	0624HN
GRS	1101	0320900327900051WA9003L865	007	ETC6H52	2JLT	5UGKG	1.0000MSJBD	OETHYLBENZENE	0624HN
GRS	1101	0320900327900051WA9003L865	007	STYR	2JLT	5UGKG	1.0000MSJBD	OSTYRENE	0624HN
GRS	1101	0320900327900051WA9003L865	007	XYLEN	2JLT	5UGKG	1.0000MSJBD	OXYLENE (TOTAL)	0624HN
GRS	1101	0320900402900406WA9003L865	007	NBD5	1X	76PER	1.0000MSCDT	1755.00 ONITROBENZENE-D5	0625HN
GRS	1101	0320900402900406WA9003L865	007	2FBP	1X	76PER	1.0000MSCDT	1755.00 02-FLUOROBIPHENYL	0625HN
GRS	1101	0320900402900406WA9003L865	007	PTERP	1X	71PER	1.0000MSCDT	1755.00 0P-TERPHENYL-D14	0625HN
GRS	1101	0320900402900406WA9003L865	007	PHEND51X		82PER	1.0000MSCDT	3510.00 1PHENOL-D5	0625HN
GRS	1101	0320900402900406WA9003L865	007	2FP	1X	60PER	1.0000MSCDT	3510.00 12-FLUOROPHENOL	0625HN
GRS	1101	0320900402900406WA9003L865	007	246TBP1X		89PER	1.0000MSCDT	3510.00 12,4,6-TRIBROMOPHENOL	0625HN
GRS	1101	0320900402900406WA9003L865	007	PHENOL1XLT		350UGKG	1.0000MSCDT	OPHENOL	0625HN
GRS	1101	0320900402900406WA9003L865	007	B2CEE	1XLT	350UGKG	1.0000MSCDT	OBIS (2-CHLOROETHYL) ETO	0625HN
GRS	1101	0320900402900406WA9003L865	007	2CLP	1XLT	350UGKG	1.0000MSCDT	02-CHLOROPHENOL	0625HN
GRS	1101	0320900402900406WA9003L865	007	13DCLB1XLT		350UGKG	1.0000MSCDT	01,3-DICHLOROBENZENE	0625HN
GRS	1101	0320900402900406WA9003L865	007	14DCLB1XLT		350UGKG	1.0000MSCDT	01,4-DICHLOROBENZENE	0625HN
GRS	1101	0320900402900406WA9003L865	007	BZALC	1XLT	350UGKG	1.0000MSCDT	OBENZYL ALCOHOL	0625HN
GRS	1101	0320900402900406WA9003L865	007	12DCLB1XLT		350UGKG	1.0000MSCDT	01,2-DICHLOROBENZENE	0625HN
GRS	1101	0320900402900406WA9003L865	007	2MP	1XLT	350UGKG	1.0000MSCDT	02-METHYLPHENOL	0625HN
GRS	1101	0320900402900406WA9003L865	007	B2CIPE1XLT		350UGKG	1.0000MSCDT	OBIS (2-CHLOROISOPROPYLO	0625HN
GRS	1101	0320900402900406WA9003L865	007	4MP	1XLT	350UGKG	1.0000MSCDT	04-METHYLPHENOL	0625HN
GRS	1101	0320900402900406WA9003L865	007	NDNPA	1XLT	350UGKG	1.0000MSCDT	ON-NITROSO-DI-N-PROPYO	0625HN
GRS	1101	0320900402900406WA9003L865	007	CL6ET	1XLT	350UGKG	1.0000MSCDT	OHEXACHLOROETHANE	0625HN
GRS	1101	0320900402900406WA9003L865	007	NB	1XLT	350UGKG	1.0000MSCDT	ONITROBENZENE	0625HN
GRS	1101	0320900402900406WA9003L865	007	ISOPHR1XLT		350UGKG	1.0000MSCDT	OISOPHORONE	0625HN
GRS	1101	0320900402900406WA9003L865	007	2NP	1XLT	350UGKG	1.0000MSCDT	02-NITROPHENOL	0625HN
GRS	1101	0320900402900406WA9003L865	007	24DMPN1XLT		350UGKG	1.0000MSCDT	02,4-DIMETHYLPHENOL	0625HN
GRS	1101	0320900402900406WA9003L865	007	BENZOA1XLT		1800UGKG	1.0000MSCDT	OBENZOIC ACID	0625HN
GRS	1101	0320900402900406WA9003L865	007	B2CEXM1XLT		350UGKG	1.0000MSCDT	OBIS (2-CHLOROETHOXY) MO	0625HN
GRS	1101	0320900402900406WA9003L865	007	24DCLP1XLT		350UGKG	1.0000MSCDT	02,4-DICHLOROPHENOL	0625HN
GRS	1101	0320900402900406WA9003L865	007	124TCB1XLT		350UGKG	1.0000MSCDT	01,2,4-TRICHLOROBENZEO	0625HN
GRS	1101	0320900402900406WA9003L865	007	NAP	1XLT	350UGKG	1.0000MSCDT	ONAPHTHALENE	0625HN
GRS	1101	0320900402900406WA9003L865	007	4CANIL1XLT		350UGKG	1.0000MSCDT	04-CHLOROANILINE	0625HN

GRS	1101	0320900402900406WA9003L865	007	HCBD	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	4CL3C	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	2MENAP	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	CL6CP	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	246TCP	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	245TCP	1XLT	1800UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	2CNAP	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	2NANIL	1XLT	1800UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	DMP	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	ANAPYL	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	26DNT	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	3NANIL	1XLT	1800UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	ANAPNE	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	24DNP	1XLT	1800UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	4NP	1XLT	1800UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	DIBZFU	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	24DNT	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	DEP	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	4CLPPE	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	FLRENE	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	4NANIL	1XLT	1800UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	46DN2C	1XLT	1800UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	NNDPA	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	4BRPPE	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	CL6BZ	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	PCP	1XLT	1800UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	PHANTR	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	ANTRC	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	DNBP	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	FANT	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	PYR	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	BBZP	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	33CL2B	1XLT	700UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	BAANTR	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	CHRY	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	B2EHP	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	DNOP	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	BF2ANT	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	BKFANT	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	BAPYR	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	ICDPYR	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	DBAHA	1XLT	350UGKG	1.0000MSCDT
GRS	1101	0320900402900406WA9003L865	007	BGHIPY	1XLT	350UGKG	1.0000MSCDT
GRS	0101	0320900328900051WA9003L865	008			93.0%	10 JH
GRS	0101	0320900519900451WA9003L865	008	AG	2ZLT	1.9MGKG	1.00ICALM
GRS	0101	0320900518900450WA9003L865	008	AS	1BLT	1.8MGKG	1.00AAAER
GRS	0101	0320900519900451WA9003L865	008	BA	2ZLT	38.1MGKG	1.00ICALM
GRS	0101	0320900519900451WA9003L865	008	CD	2Z	1.8MGKG	1.00ICALM

0HEXACHLORO BUTADIENE	0625HN
04-CHLORO-3-METHYLPHEO	0625HN
02-METHYLNAPHTHALENE	0625HN
0HEXACHLOROCYCLOPENTAO	0625HN
02,4,6-TRICHLOROPHENOO	0625HN
02,4,5-TRICHLOROPHENOO	0625HN
02-CHLORONAPHTHALENE	0625HN
02-NITROANILINE	0625HN
0DIMETHYLPHTHALATE	0625HN
0ACENAPHTHYLENE	0625HN
02,6-DINITROTOLUENE	0625HN
03-NITROANILINE	0625HN
0ACENAPHTHENE	0625HN
02,4-DINITROPHENOL	0625HN
04-NITROPHENOL	0625HN
0DIBENZOFURAN	0625HN
02,4-DINITROTOLUENE	0625HN
0DIETHYLPHTHALATE	0625HN
04-CHLOROPHENYL-PHENYO	0625HN
0FLUORENE	0625HN
04-NITROANILINE	0625HN
04,6-DINITRO-2-METHYLO	0625HN
0N-NITROSODIPHENYLAMIO	0625HN
04-BROMOPHENYL-PHENYLO	0625HN
0HEXACHLOROBENZENE	0625HN
0PENTACHLOROPHENOL	0625HN
0PHENANTHRENE	0625HN
0ANTHRACENE	0625HN
0DI-N-BUTYLPHTHALATE	0625HN
0FLUORANTHENE	0625HN
0PYRENE	0625HN
0BUTYLBENZYLPHTHALATEO	0625HN
03,3'-DICHLORO BENZIDIO	0625HN
0BENZO (A) ANTHRACENE	0625HN
0CHRYSENE	0625HN
0BIS (2-ETHYLHEXYL) PHTO	0625HN
0DI-N-OCTYL PHTHALATEO	0625HN
0BENZO (B) FLUORANTHENE	0625HN
0BENZO (K) FLUORANTHENE	0625HN
0BENZO (A) PYRENE	0625HN
0INDENO (1,2,3-CD) PYREO	0625HN
0DIBENZO (A,H) ANTHRACE	0625HN
0BENZO (G,H,I) PERYLENE	0625HN
0% SOLIDS	I% SOLN
0SILVER, TOTAL	MAGTON
0ARSENIC, TOTAL	MASTON
0BARIUM, TOTAL	MBATON
0CADMIUM, TOTAL	MCDTON

GRS	0101	0320900519900451WA9003L865	008	CR	22	5.7MGKG	1.00ICALM	0CHROMIUM, TOTAL	MCRTON
GRS	0101	0320900405900055WA9003L865	008	HGTOT	1DLT	0.11MGKG	1.00HGJJW	OMERCURY, TOTAL	MHGTON
GRS	0101	0320900518900450WA9003L865	008	PB	1B	0.90MGKG	1.00AAEJS	OLEAD, TOTAL	MPBTOT
GRS	0101	0320900518900450WA9003L865	008	SE	1BLT	0.90MGKG	1.00AAML	0SELENIUM, TOTAL	MSETON
GRS	0101	0320900331900054WA9003L865	008	MEC6D82J		109PER	1.0000MSBLB	52.500TOLUENE-D8	0624HN
GRS	0101	0320900331900054WA9003L865	008	PBFB	2J	104PER	1.0000MSBLB	52.500BROMOFLUOROBENZENE	0624HN
GRS	0101	0320900331900054WA9003L865	008	12DCD42J		111PER	1.0000MSBLB	52.5001,2-DICHLOROETHANE-DO624HN	0624HN
GRS	0101	0320900331900054WA9003L865	008	CH3CL	2JLT	10UGKG	1.0000MSBLB	0CHLOROMETHANE	0624HN
GRS	0101	0320900331900054WA9003L865	008	CH3BR	2JLT	10UGKG	1.0000MSBLB	0BROMOMETHANE	0624HN
GRS	0101	0320900331900054WA9003L865	008	C2H3CL2JLT		10UGKG	1.0000MSBLB	0VINYL CHLORIDE	0624HN
GRS	0101	0320900331900054WA9003L865	008	C2H5CL2JLT		10UGKG	1.0000MSBLB	0CHLOROETHANE	0624HN
GRS	0101	0320900331900054WA9003L865	008	CH2CL22JB		6UGKG	1.0000MSBLB	0METHYLENE CHLORIDE	0624HN
GRS	0101	0320900331900054WA9003L865	008	ACET	2JLT	10UGKG	1.0000MSBLB	0ACETONE	0624HN
GRS	0101	0320900331900054WA9003L865	008	CS2	2JLT	5UGKG	1.0000MSBLB	0CARBON DISULFIDE	0624HN
GRS	0101	0320900331900054WA9003L865	008	11DCE	2JLT	5UGKG	1.0000MSBLB	01,1-DICHLOROETHENE	0624HN
GRS	0101	0320900331900054WA9003L865	008	11DCE2JLT		5UGKG	1.0000MSBLB	01,1-DICHLOROETHANE	0624HN
GRS	0101	0320900331900054WA9003L865	008	T12DCE2JLT		5UGKG	1.0000MSBLB	01,2-DICHLOROETHENE	0624HN
GRS	0101	0320900331900054WA9003L865	008	CHCL3	2JLT	5UGKG	1.0000MSBLB	0CHLOROFORM	0624HN
GRS	0101	0320900331900054WA9003L865	008	MEK	2JLT	10UGKG	1.0000MSBLB	01,2-DICHLOROETHANE	0624HN
GRS	0101	0320900331900054WA9003L865	008	11TCE2JLT		5UGKG	1.0000MSBLB	02-BUTANONE	0624HN
GRS	0101	0320900331900054WA9003L865	008	CCL4	2JLT	5UGKG	1.0000MSBLB	01,1,1-TRICHLOROETHANE	0624HN
GRS	0101	0320900331900054WA9003L865	008	VINYLA2JLT		10UGKG	1.0000MSBLB	0CARBON TETRACHLORIDE	0624HN
GRS	0101	0320900331900054WA9003L865	008	BRDCLM2JLT		5UGKG	1.0000MSBLB	0VINYL ACETATE	0624HN
GRS	0101	0320900331900054WA9003L865	008	12DCLP2JLT		5UGKG	1.0000MSBLB	0BROMODICHLOROMETHANE	0624HN
GRS	0101	0320900331900054WA9003L865	008	13DCPC2JLT		5UGKG	1.0000MSBLB	01,2-DICHLOROPROPANE	0624HN
GRS	0101	0320900331900054WA9003L865	008	TRCLE	2JLT	5UGKG	1.0000MSBLB	0CIS-1,3-DICHLOROPROPANE	0624HN
GRS	0101	0320900331900054WA9003L865	008	DBRCLM2JLT		5UGKG	1.0000MSBLB	0TRICHLOROETHENE	0624HN
GRS	0101	0320900331900054WA9003L865	008	112TCE2JLT		5UGKG	1.0000MSBLB	0DIBROMOCHLOROMETHANE	0624HN
GRS	0101	0320900331900054WA9003L865	008	C6H6	2JLT	5UGKG	1.0000MSBLB	01,1,2-TRICHLOROETHANE	0624HN
GRS	0101	0320900331900054WA9003L865	008	T13DCP2JLT		5UGKG	1.0000MSBLB	0BENZENE	0624HN
GRS	0101	0320900331900054WA9003L865	008	CHBR3	2JLT	5UGKG	1.0000MSBLB	0TRANS-1,3-DICHLOROPROPANE	0624HN
GRS	0101	0320900331900054WA9003L865	008	4ME2PE2JLT		10UGKG	1.0000MSBLB	0BROMOFORM	0624HN
GRS	0101	0320900331900054WA9003L865	008	2HXONE2JLT		10UGKG	1.0000MSBLB	04-METHYL-2-PENTANONE	0624HN
GRS	0101	0320900331900054WA9003L865	008	TCLEE	2JLT	5UGKG	1.0000MSBLB	02-HEXANONE	0624HN
GRS	0101	0320900331900054WA9003L865	008	TCLEA	2JLT	5UGKG	1.0000MSBLB	0TETRACHLOROETHENE	0624HN
GRS	0101	0320900331900054WA9003L865	008	MEC6H52JLT		5UGKG	1.0000MSBLB	01,1,2,2-TETRACHLOROETHANE	0624HN
GRS	0101	0320900331900054WA9003L865	008	CLC6H52JLT		5UGKG	1.0000MSBLB	0TOLUENE	0624HN
GRS	0101	0320900331900054WA9003L865	008	ETC6H52JLT		5UGKG	1.0000MSBLB	0CHLOROETHENE	0624HN
GRS	0101	0320900331900054WA9003L865	008	STYR	2JLT	5UGKG	1.0000MSBLB	0ETHYLBENZENE	0624HN
GRS	0101	0320900331900054WA9003L865	008	XYLEN	2JLT	5UGKG	1.0000MSBLB	0STYRENE	0624HN
GRS	0101	0320900403900406WA9003L865	008	NBD5	1X	70PER	1.0000MSCDT	0XYLENE (TOTAL)	0624HN
GRS	0101	0320900403900406WA9003L865	008	2FBP	1X	69PER	1.0000MSCDT	1750.000NITROBENZENE-D5	0625HN
GRS	0101	0320900403900406WA9003L865	008	PTERP	1X	82PER	1.0000MSCDT	1750.0002-FLUOROBIPHENYL	0625HN
GRS	0101	0320900403900406WA9003L865	008	PHEND51X		71PER	1.0000MSCDT	1750.000P-TERPHENYL-D14	0625HN
GRS	0101	0320900403900406WA9003L865	008	2FF	1X	56PER	1.0000MSCDT	3500.000PHENOL-D5	0625HN
GRS	0101	0320900403900406WA9003L865	008	246TBP1X		43PER	1.0000MSCDT	3500.0002-FLUOROPHENOL	0625HN
GRS	0101	0320900403900406WA9003L865	008	PHENOL1XLT		350UGKG	1.0000MSCDT	3500.0002,4,6-TRIBROMOPHENOL	0625HN

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GRS	0101	0320900403900406WA9003L865	008	B2CEE	1XLT	350UGKG	1.0000MSCDT	0BIS(2-CHLOROETHYL)ETO625HN
GRS	0101	0320900403900406WA9003L865	008	2CLP	1XLT	350UGKG	1.0000MSCDT	02-CHLOROPHENOL
GRS	0101	0320900403900406WA9003L865	008	13DCLB1XLT		350UGKG	1.0000MSCDT	01,3-DICHLOROBENZENE
GRS	0101	0320900403900406WA9003L865	008	14DCLB1XLT		350UGKG	1.0000MSCDT	01,4-DICHLOROBENZENE
GRS	0101	0320900403900406WA9003L865	008	BZALC	1XLT	350UGKG	1.0000MSCDT	0BENZYL ALCOHOL
GRS	0101	0320900403900406WA9003L865	008	12DCLB1XLT		350UGKG	1.0000MSCDT	01,2-DICHLOROBENZENE
GRS	0101	0320900403900406WA9003L865	008	2MP	1XLT	350UGKG	1.0000MSCDT	02-METHYLPHENOL
GRS	0101	0320900403900406WA9003L865	008	B2CIPE1XLT		350UGKG	1.0000MSCDT	0BIS(2-CHLOROISOPROPYLO625HN
GRS	0101	0320900403900406WA9003L865	008	4MP	1XLT	350UGKG	1.0000MSCDT	04-METHYLPHENOL
GRS	0101	0320900403900406WA9003L865	008	NDNPA	1XLT	350UGKG	1.0000MSCDT	0N-NITROSO-DI-N-PROPYLO625HN
GRS	0101	0320900403900406WA9003L865	008	CL6ET	1XLT	350UGKG	1.0000MSCDT	0HEXACHLOROETHANE
GRS	0101	0320900403900406WA9003L865	008	NB	1XLT	350UGKG	1.0000MSCDT	0NITROBENZENE
GRS	0101	0320900403900406WA9003L865	008	ISOPHR1XLT		350UGKG	1.0000MSCDT	0ISOPHORONE
GRS	0101	0320900403900406WA9003L865	008	2NP	1XLT	350UGKG	1.0000MSCDT	02-NITROPHENOL
GRS	0101	0320900403900406WA9003L865	008	24DMPN1XLT		350UGKG	1.0000MSCDT	02,4-DIMETHYLPHENOL
GRS	0101	0320900403900406WA9003L865	008	BENZOAI1XLT		1800UGKG	1.0000MSCDT	0BENZOIC ACID
GRS	0101	0320900403900406WA9003L865	008	B2CEXM1XLT		350UGKG	1.0000MSCDT	0BIS(2-CHLOROETHOXY)MO625HN
GRS	0101	0320900403900406WA9003L865	008	24DCLP1XLT		350UGKG	1.0000MSCDT	02,4-DICHLOROPHENOL
GRS	0101	0320900403900406WA9003L865	008	124TCB1XLT		350UGKG	1.0000MSCDT	01,2,4-TRICHLOROBENZEO625HN
GRS	0101	0320900403900406WA9003L865	008	NAP	1XLT	350UGKG	1.0000MSCDT	0NAPHTHALENE
GRS	0101	0320900403900406WA9003L865	008	4CANIL1XLT		350UGKG	1.0000MSCDT	04-CHLOROANILINE
GRS	0101	0320900403900406WA9003L865	008	HCBD	1XLT	350UGKG	1.0000MSCDT	0HEXACHLOROBUTADIENE
GRS	0101	0320900403900406WA9003L865	008	4CL3C	1XLT	350UGKG	1.0000MSCDT	04-CHLORO-3-METHYLPHEO625HN
GRS	0101	0320900403900406WA9003L865	008	2MENAP1XLT		350UGKG	1.0000MSCDT	02-METHYLNAPHTHALENE
GRS	0101	0320900403900406WA9003L865	008	CL6CP	1XLT	350UGKG	1.0000MSCDT	0HEXACHLOROCYCLOPENTAO625HN
GRS	0101	0320900403900406WA9003L865	008	246TCP1XLT		350UGKG	1.0000MSCDT	02,4,6-TRICHLOROPHENOO625HN
GRS	0101	0320900403900406WA9003L865	008	245TCP1XLT		1800UGKG	1.0000MSCDT	02,4,5-TRICHLOROPHENOO625HN
GRS	0101	0320900403900406WA9003L865	008	2CNAP	1XLT	350UGKG	1.0000MSCDT	02-CHLORONAPHTHALENE
GRS	0101	0320900403900406WA9003L865	008	2NANIL1XLT		1800UGKG	1.0000MSCDT	02-NITROANILINE
GRS	0101	0320900403900406WA9003L865	008	DMP	1XLT	350UGKG	1.0000MSCDT	0DIMETHYLPHTHALATE
GRS	0101	0320900403900406WA9003L865	008	ANAPYL1XLT		350UGKG	1.0000MSCDT	0ACENAPHTHYLENE
GRS	0101	0320900403900406WA9003L865	008	26DNT	1XLT	350UGKG	1.0000MSCDT	02,6-DINITROTOLUENE
GRS	0101	0320900403900406WA9003L865	008	3NANIL1XLT		1800UGKG	1.0000MSCDT	03-NITROANILINE
GRS	0101	0320900403900406WA9003L865	008	ANAPNE1XLT		350UGKG	1.0000MSCDT	0ACENAPHTHENE
GRS	0101	0320900403900406WA9003L865	008	24DNP	1XLT	1800UGKG	1.0000MSCDT	02,4-DINITROPHENOL
GRS	0101	0320900403900406WA9003L865	008	4NP	1XLT	1800UGKG	1.0000MSCDT	04-NITROPHENOL
GRS	0101	0320900403900406WA9003L865	008	DIBZFUI1XLT		350UGKG	1.0000MSCDT	0DIBENZOFURAN
GRS	0101	0320900403900406WA9003L865	008	24DNT	1XLT	350UGKG	1.0000MSCDT	02,4-DINITROTOLUENE
GRS	0101	0320900403900406WA9003L865	008	DEP	1XLT	350UGKG	1.0000MSCDT	0DIETHYLPHTHALATE
GRS	0101	0320900403900406WA9003L865	008	4CLPPE1XLT		350UGKG	1.0000MSCDT	04-CHLOROPHENYL-PHENYO625HN
GRS	0101	0320900403900406WA9003L865	008	FLRENE1XLT		350UGKG	1.0000MSCDT	0FLUORENE
GRS	0101	0320900403900406WA9003L865	008	4NANIL1XLT		1800UGKG	1.0000MSCDT	04-NITROANILINE
GRS	0101	0320900403900406WA9003L865	008	46DN2C1XLT		1800UGKG	1.0000MSCDT	04,6-DINITRO-2-METHYLO625HN
GRS	0101	0320900403900406WA9003L865	008	NNDPA	1XLT	350UGKG	1.0000MSCDT	0N-NITROSODIPHENYLAIO625HN
GRS	0101	0320900403900406WA9003L865	008	4BRPPE1XLT		350UGKG	1.0000MSCDT	04-BROMOPHENYL-PHENYLO625HN
GRS	0101	0320900403900406WA9003L865	008	CL6B2	1XLT	350UGKG	1.0000MSCDT	0HEXACHLOROBENZENE
GRS	0101	0320900403900406WA9003L865	008	PCP	1XLT	1800UGKG	1.0000MSCDT	0PENTACHLOROPHENOL
GRS	0101	0320900403900406WA9003L865	008	PHANTRI1XLT		350UGKG	1.0000MSCDT	0PHENANTHRENE

GRS	0101	0320900403900406WA9003L865	008	ANTRC	1XLT	350UGKG	1.0000MSCDT	0ANTHRACENE	0625HN
GRS	0101	0320900403900406WA9003L865	008	DNBP	1XLT	350UGKG	1.0000MSCDT	0DI-N-BUTYLPHTHALATE	0625HN
GRS	0101	0320900403900406WA9003L865	008	FANT	1XLT	350UGKG	1.0000MSCDT	0FLUORANTHENE	0625HN
GRS	0101	0320900403900406WA9003L865	008	PYR	1XLT	350UGKG	1.0000MSCDT	0PYRENE	0625HN
GRS	0101	0320900403900406WA9003L865	008	BBZP	1XLT	350UGKG	1.0000MSCDT	0BUTYLBENZYLPHTHALATE	0625HN
GRS	0101	0320900403900406WA9003L865	008	33CL2B1	1XLT	700UGKG	1.0000MSCDT	03,3'-DICHLOROBENZIDIO	0625HN
GRS	0101	0320900403900406WA9003L865	008	BAANTR1	1XLT	350UGKG	1.0000MSCDT	0BENZO (A) ANTHRACENE	0625HN
GRS	0101	0320900403900406WA9003L865	008	CHRY	1XLT	350UGKG	1.0000MSCDT	0CHRYSENE	0625HN
GRS	0101	0320900403900406WA9003L865	008	B2EHP	1XLT	350UGKG	1.0000MSCDT	0BIS (2-ETHYLHEXYL) PHTO	0625HN
GRS	0101	0320900403900406WA9003L865	008	DNOP	1XLT	350UGKG	1.0000MSCDT	0DI-N-OCTYL PHTHALATE	0625HN
GRS	0101	0320900403900406WA9003L865	008	BF2ANT1	1XLT	350UGKG	1.0000MSCDT	0BENZO (B) FLUORANTHENE	0625HN
GRS	0101	0320900403900406WA9003L865	008	BKEANT1	1XLT	350UGKG	1.0000MSCDT	0BENZO (K) FLUORANTHENE	0625HN
GRS	0101	0320900403900406WA9003L865	008	BAPYR	1XLT	350UGKG	1.0000MSCDT	0BENZO (A) PYRENE	0625HN
GRS	0101	0320900403900406WA9003L865	008	ICDPYR1	1XLT	350UGKG	1.0000MSCDT	0INDENO (1,2,3-CD) PYRE	0625HN
GRS	0101	0320900403900406WA9003L865	008	DBAHA	1XLT	350UGKG	1.0000MSCDT	0DIBENZO (A,H) ANTHRACE	0625HN
GRS	0101	0320900403900406WA9003L865	008	BGHIPIY1	1XLT	350UGKG	1.0000MSCDT	0BENZO (G,H,I) PERYLENE	0625HN
GRS	1201	0320900328900051WA9003L865	009			94.7%	10 JH	0% SOLIDS	1% SOLN
GRS	1201	0320900427900003WA9003L865	009	CEC	EX	1.8MEQ1	10NADKS	0CATION EXCHANGE CAPAIC	EC N
GRS	1201	0320900427900003WA9003L865	009	RCEC	EX	1.6MEQ1	10NADKS	0CATION EXCHANGE CAPAIC	EC R
GRS	1201	0320900427900003WA9003L865	009	CECB	EX	1.4MEQ1	10NAALM	0EXCHANGEABLE BASES	ICECBN
GRS	1201	0320900427900003WA9003L865	009	RCECB	EX	1.2MEQ1	10NAALM	0EXCHANGEABLE BASES	ICECBR
GRS	1201	0320900426900003WA9003L865	009	CECT	EX	1.4MEQ1	10NADKS	0EXCHANGEABLE ACIDS	ICECTN
GRS	1201	0320900426900003WA9003L865	009	RCECT	EX	1.2MEQ1	10NADKS	0EXCHANGEABLE ACIDS	ICECTR
GRS	1201	0320900403900003WA9003L865	009	TOC	9I	808MGKG	10DODKS	0TOTAL ORGANIC CARBONIO	CT N
GRS	1201	0320900403900003WA9003L865	009	RTOC	9I	540MGKG	10DODKS	0TOTAL ORGANIC CARBONIO	CT R
GRS	1201	0320900403900003WA9003L865	009	STOC	9I	62.8PER	10DODKS	1000TOTAL ORGANIC CARB	ONIOCT S
GRS	1201	0320900328900054WA9003L865	009	PH	9R	6.5PH U	10PHJH	0PH	IPH N
GRS	1201	0320900327900051WA9003L865	009	MEC6D8	2J	104PER	1.0000MSJBD	51.500TOLUENE-D8	0624HN
GRS	1201	0320900327900051WA9003L865	009	PBF6	2J	113PER	1.0000MSJBD	51.500BROMOFLUOROBENZ	ENE 0624HN
GRS	1201	0320900327900051WA9003L865	009	12DCD4	2J	91PER	1.0000MSJBD	51.5001,2-DICHLOROETH	ANE-D0624HN
GRS	1201	0320900327900051WA9003L865	009	CH3CL	2JLT	10UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
GRS	1201	0320900327900051WA9003L865	009	CH3BR	2JLT	10UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
GRS	1201	0320900327900051WA9003L865	009	C2H3CL	2JLT	10UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
GRS	1201	0320900327900051WA9003L865	009	C2H5CL	2JLT	10UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
GRS	1201	0320900327900051WA9003L865	009	CH2CL2	2JB	10UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
GRS	1201	0320900327900051WA9003L865	009	ACET	2JB	10UGKG	1.0000MSJBD	0ACETONE	0624HN
GRS	1201	0320900327900051WA9003L865	009	CS2	2JLT	5UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
GRS	1201	0320900327900051WA9003L865	009	11DCE	2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
GRS	1201	0320900327900051WA9003L865	009	11DCLE	2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
GRS	1201	0320900327900051WA9003L865	009	T12DCE	2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN
GRS	1201	0320900327900051WA9003L865	009	CHCL3	2JLT	5UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
GRS	1201	0320900327900051WA9003L865	009	12DCLE	2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN
GRS	1201	0320900327900051WA9003L865	009	MEK	2JLT	10UGKG	1.0000MSJBD	02-BUTANONE	0624HN
GRS	1201	0320900327900051WA9003L865	009	11TCE	2JLT	5UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHAN	0624HN
GRS	1201	0320900327900051WA9003L865	009	CCL4	2JLT	5UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HN
GRS	1201	0320900327900051WA9003L865	009	VINYLA	2JLT	10UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN
GRS	1201	0320900327900051WA9003L865	009	BRDCLM	2JLT	5UGKG	1.0000MSJBD	0BROMODICHLOROMETHAN	EO624HN
GRS	1201	0320900327900051WA9003L865	009	12DCLP	2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN

GRS	1201	0320900327900051WA9003L865	009	13DCPC2JLT	5UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO624HN
GRS	1201	0320900327900051WA9003L865	009	TRCLE 2JLT	5UGKG	1.0000MSJBD	0TRICHLOROETHENE 0624HN
GRS	1201	0320900327900051WA9003L865	009	DBRCLM2JLT	5UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANEO624HN
GRS	1201	0320900327900051WA9003L865	009	112TCE2JLT	5UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO624HN
GRS	1201	0320900327900051WA9003L865	009	C6H6 2JLT	5UGKG	1.0000MSJBD	0BENZENE 0624HN
GRS	1201	0320900327900051WA9003L865	009	T13DCP2JLT	5UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO624HN
GRS	1201	0320900327900051WA9003L865	009	CHBR3 2JLT	5UGKG	1.0000MSJBD	0BROMOFORM 0624HN
GRS	1201	0320900327900051WA9003L865	009	4ME2PE2JLT	10UGKG	1.0000MSJBD	04-METHYL-2-PENTANONEO624HN
GRS	1201	0320900327900051WA9003L865	009	2HXONE2JLT	10UGKG	1.0000MSJBD	02-HEXANONE 0624HN
GRS	1201	0320900327900051WA9003L865	009	TCLEE 2JLT	5UGKG	1.0000MSJBD	0TETRACHLOROETHENE 0624HN
GRS	1201	0320900327900051WA9003L865	009	TCLEA 2JLT	5UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO624HN
GRS	1201	0320900327900051WA9003L865	009	MEC6H52JLT	5UGKG	1.0000MSJBD	0TOLUENE 0624HN
GRS	1201	0320900327900051WA9003L865	009	CLC6H52JLT	5UGKG	1.0000MSJBD	0CHLOROBENZENE 0624HN
GRS	1201	0320900327900051WA9003L865	009	ETC6H52JLT	5UGKG	1.0000MSJBD	0ETHYLBENZENE 0624HN
GRS	1201	0320900327900051WA9003L865	009	STYR 2JLT	5UGKG	1.0000MSJBD	0STYRENE 0624HN
GRS	1201	0320900327900051WA9003L865	009	XYLEN 2JLT	5UGKG	1.0000MSJBD	0XYLENE (TOTAL) 0624HN
GRS	1201	0320900403900406WA9003L865	009	NBD5 1X	75PER	1.0000MSBKR	1750.000NITROBENZENE-D5 0625HN
GRS	1201	0320900403900406WA9003L865	009	2FBP 1X	75PER	1.0000MSBKR	1750.0002-FLUOROBIPHENYL 0625HN
GRS	1201	0320900403900406WA9003L865	009	PTERP 1X	84PER	1.0000MSBKR	1750.000P-TERPHENYL-D14 0625HN
GRS	1201	0320900403900406WA9003L865	009	PHEND51X	83PER	1.0000MSBKR	3500.000PHENOL-D5 0625HN
GRS	1201	0320900403900406WA9003L865	009	2FP 1X	64PER	1.0000MSBKR	3500.0002-FLUOROPHENOL 0625HN
GRS	1201	0320900403900406WA9003L865	009	246TBP1X	52PER	1.0000MSBKR	3500.0002,4,6-TRIBROMOPHENOLO625HN
GRS	1201	0320900403900406WA9003L865	009	PHENOL1XLT	350UGKG	1.0000MSBKR	0PHENOL 0625HN
GRS	1201	0320900403900406WA9003L865	009	B2CEE 1XLT	350UGKG	1.0000MSBKR	0BIS(2-CHLOROETHYL)ETO625HN
GRS	1201	0320900403900406WA9003L865	009	2CLP 1XLT	350UGKG	1.0000MSBKR	02-CHLOROPHENOL 0625HN
GRS	1201	0320900403900406WA9003L865	009	13DCLB1XLT	350UGKG	1.0000MSBKR	01,3-DICHLOROBENZENE 0625HN
GRS	1201	0320900403900406WA9003L865	009	14DCLB1XLT	350UGKG	1.0000MSBKR	01,4-DICHLOROBENZENE 0625HN
GRS	1201	0320900403900406WA9003L865	009	BZALC 1XLT	350UGKG	1.0000MSBKR	0BENZYL ALCOHOL 0625HN
GRS	1201	0320900403900406WA9003L865	009	12DCLB1XLT	350UGKG	1.0000MSBKR	01,2-DICHLOROBENZENE 0625HN
GRS	1201	0320900403900406WA9003L865	009	2MP 1XLT	350UGKG	1.0000MSBKR	02-METHYLPHENOL 0625HN
GRS	1201	0320900403900406WA9003L865	009	B2CIPE1XLT	350UGKG	1.0000MSBKR	0BIS(2-CHLOROISOPROPY)O625HN
GRS	1201	0320900403900406WA9003L865	009	4MP 1XLT	350UGKG	1.0000MSBKR	04-METHYLPHENOL 0625HN
GRS	1201	0320900403900406WA9003L865	009	NDNPA 1XLT	350UGKG	1.0000MSBKR	0N-NITROSO-DI-N-PROPYO625HN
GRS	1201	0320900403900406WA9003L865	009	CL6ET 1XLT	350UGKG	1.0000MSBKR	0HEXACHLOROETHANE 0625HN
GRS	1201	0320900403900406WA9003L865	009	NB 1XLT	350UGKG	1.0000MSBKR	0NITROBENZENE 0625HN
GRS	1201	0320900403900406WA9003L865	009	ISOPHR1XLT	350UGKG	1.0000MSBKR	0ISOPHORONE 0625HN
GRS	1201	0320900403900406WA9003L865	009	2NP 1XLT	350UGKG	1.0000MSBKR	02-NITROPHENOL 0625HN
GRS	1201	0320900403900406WA9003L865	009	24DMPN1XLT	350UGKG	1.0000MSBKR	02,4-DIMETHYLPHENOL 0625HN
GRS	1201	0320900403900406WA9003L865	009	BENZOAI1XLT	1800UGKG	1.0000MSBKR	0BENZOIC ACID 0625HN
GRS	1201	0320900403900406WA9003L865	009	B2CEXM1XLT	350UGKG	1.0000MSBKR	0BIS(2-CHLOROETHOXY)MO625HN
GRS	1201	0320900403900406WA9003L865	009	24DCLP1XLT	350UGKG	1.0000MSBKR	02,4-DICHLOROPHENOL 0625HN
GRS	1201	0320900403900406WA9003L865	009	124TCB1XLT	350UGKG	1.0000MSBKR	01,2,4-TRICHLOROBENZEO625HN
GRS	1201	0320900403900406WA9003L865	009	NAP 1XLT	350UGKG	1.0000MSBKR	0NAPHTHALENE 0625HN
GRS	1201	0320900403900406WA9003L865	009	4CANIL1XLT	350UGKG	1.0000MSBKR	04-CHLOROANILINE 0625HN
GRS	1201	0320900403900406WA9003L865	009	HCBD 1XLT	350UGKG	1.0000MSBKR	0HEXACHLOROBUTADIENE 0625HN
GRS	1201	0320900403900406WA9003L865	009	4CL3C 1XLT	350UGKG	1.0000MSBKR	04-CHLORO-3-METHYLPHEO625HN
GRS	1201	0320900403900406WA9003L865	009	2MENAP1XLT	350UGKG	1.0000MSBKR	02-METHYLNAPHTHALENE 0625HN
GRS	1201	0320900403900406WA9003L865	009	CL6CP 1XLT	350UGKG	1.0000MSBKR	0HEXACHLOROCYCLOPENTAO625HN

GRS	1201	0320900403900406WA9003L865	009	246TCP1XLT	350UGKG	1.0000MSBKR	02, 4, 6-TRICHLOROPHENOO625HN
GRS	1201	0320900403900406WA9003L865	009	245TCP1XLT	1800UGKG	1.0000MSBKR	02, 4, 5-TRICHLOROPHENOO625HN
GRS	1201	0320900403900406WA9003L865	009	2CNAP 1XLT	350UGKG	1.0000MSBKR	02-CHLORONAPHTHALENE O625HN
GRS	1201	0320900403900406WA9003L865	009	2NANIL1XLT	1800UGKG	1.0000MSBKR	02-NITROANILINE O625HN
GRS	1201	0320900403900406WA9003L865	009	DMP 1XLT	350UGKG	1.0000MSBKR	0DIMETHYLPHTHALATE O625HN
GRS	1201	0320900403900406WA9003L865	009	ANAPYL1XLT	350UGKG	1.0000MSBKR	0ACENAPHTHYLENE O625HN
GRS	1201	0320900403900406WA9003L865	009	26DNT 1XLT	350UGKG	1.0000MSBKR	02, 6-DINITROTOLUENE O625HN
GRS	1201	0320900403900406WA9003L865	009	3NANIL1XLT	1800UGKG	1.0000MSBKR	03-NITROANILINE O625HN
GRS	1201	0320900403900406WA9003L865	009	ANAPNE1XLT	350UGKG	1.0000MSBKR	0ACENAPHTHENE O625HN
GRS	1201	0320900403900406WA9003L865	009	24DNP 1XLT	1800UGKG	1.0000MSBKR	02, 4-DINITROPHENOL O625HN
GRS	1201	0320900403900406WA9003L865	009	4NP 1XLT	1800UGKG	1.0000MSBKR	04-NITROPHENOL O625HN
GRS	1201	0320900403900406WA9003L865	009	DIBZFU1XLT	350UGKG	1.0000MSBKR	0DIBENZOFURAN O625HN
GRS	1201	0320900403900406WA9003L865	009	24DNT 1XLT	350UGKG	1.0000MSBKR	02, 4-DINITROTOLUENE O625HN
GRS	1201	0320900403900406WA9003L865	009	DEP 1XLT	350UGKG	1.0000MSBKR	0DIETHYLPHTHALATE O625HN
GRS	1201	0320900403900406WA9003L865	009	4CLPPE1XLT	350UGKG	1.0000MSBKR	04-CHLOROPHENYL-PHENYO625HN
GRS	1201	0320900403900406WA9003L865	009	FLRENE1XLT	350UGKG	1.0000MSBKR	0FLUORENE O625HN
GRS	1201	0320900403900406WA9003L865	009	4NANIL1XLT	1800UGKG	1.0000MSBKR	04-NITROANILINE O625HN
GRS	1201	0320900403900406WA9003L865	009	46DN2C1XLT	1800UGKG	1.0000MSBKR	04, 6-DINITRO-2-METHYLO625HN
GRS	1201	0320900403900406WA9003L865	009	NNDPA 1XLT	350UGKG	1.0000MSBKR	0N-NITROSODIPHENYLAMIO625HN
GRS	1201	0320900403900406WA9003L865	009	4BRPPE1XLT	350UGKG	1.0000MSBKR	04-BROMOPHENYL-PHENYLO625HN
GRS	1201	0320900403900406WA9003L865	009	CL6BZ 1XLT	350UGKG	1.0000MSBKR	0HEXACHLOROBENZENE O625HN
GRS	1201	0320900403900406WA9003L865	009	PCP 1XLT	1800UGKG	1.0000MSBKR	0PENTACHLOROPHENOL O625HN
GRS	1201	0320900403900406WA9003L865	009	PHANTR1XLT	350UGKG	1.0000MSBKR	0PHENANTHRENE O625HN
GRS	1201	0320900403900406WA9003L865	009	ANTRC 1XLT	350UGKG	1.0000MSBKR	0ANTHRACENE O625HN
GRS	1201	0320900403900406WA9003L865	009	DNBP 1XLT	350UGKG	1.0000MSBKR	0DI-N-BUTYLPHTHALATE O625HN
GRS	1201	0320900403900406WA9003L865	009	FANT 1XLT	350UGKG	1.0000MSBKR	0FLUORANTHENE O625HN
GRS	1201	0320900403900406WA9003L865	009	PYR 1XLT	350UGKG	1.0000MSBKR	0PYRENE O625HN
GRS	1201	0320900403900406WA9003L865	009	BBZP 1XLT	350UGKG	1.0000MSBKR	0BUTYLBENZYLPHTHALATEO625HN
GRS	1201	0320900403900406WA9003L865	009	33CL2B1XLT	700UGKG	1.0000MSBKR	03, 3'-DICHLOROBENZIDIO625HN
GRS	1201	0320900403900406WA9003L865	009	BAANTR1XLT	350UGKG	1.0000MSBKR	0BENZO (A) ANTHRACENE O625HN
GRS	1201	0320900403900406WA9003L865	009	CHRY 1XLT	350UGKG	1.0000MSBKR	0CHRYSENE O625HN
GRS	1201	0320900403900406WA9003L865	009	B2EHP 1XLT	350UGKG	1.0000MSBKR	0BIS (2-ETHYLHEXYL) PHTO625HN
GRS	1201	0320900403900406WA9003L865	009	DNOP 1XLT	350UGKG	1.0000MSBKR	0DI-N-OCTYL PHTHALATEO625HN
GRS	1201	0320900403900406WA9003L865	009	BF2ANT1XLT	350UGKG	1.0000MSBKR	0BENZO (B) FLUORANTHENE O625HN
GRS	1201	0320900403900406WA9003L865	009	BKFANT1XLT	350UGKG	1.0000MSBKR	0BENZO (K) FLUORANTHENE O625HN
GRS	1201	0320900403900406WA9003L865	009	BAPYR 1XLT	350UGKG	1.0000MSBKR	0BENZO (A) PYRENE O625HN
GRS	1201	0320900403900406WA9003L865	009	ICDPYR1XLT	350UGKG	1.0000MSBKR	0INDENO (1, 2, 3-CD) PYREO625HN
GRS	1201	0320900403900406WA9003L865	009	DBAHA 1XLT	350UGKG	1.0000MSBKR	0DIBENZO (A, H) ANTHRACEO625HN
GRS	1201	0320900403900406WA9003L865	009	BGHIPY1XLT	350UGKG	1.0000MSBKR	0BENZO (G, H, I) PERYLENEO625HN
GRS	1301	0321900328900051WA9003L865	010		82.7%	10 JH	0% SOLIDS I% SOLN
GRS	1301	0321900519900451WA9003L865	010	AG 2ZLT	2.0MGKG	1.00ICALM	0SILVER, TOTAL MAGTON
GRS	1301	0321900518900450WA9003L865	010	AS 1BLT	2.3MGKG	1.00AAAER	0ARSENIC, TOTAL MASTON
GRS	1301	0321900519900451WA9003L865	010	BA 2ZLT	40.3MGKG	1.00ICALM	0BARIUM, TOTAL MBATON
GRS	1301	0321900519900451WA9003L865	010	CD 2Z	1.2MGKG	1.00ICALM	0CADMIUM, TOTAL MCDTON
GRS	1301	0321900519900451WA9003L865	010	CR 2Z	22.9MGKG	1.00ICALM	0CHROMIUM, TOTAL MCRTON
GRS	1301	0321900405900055WA9003L865	010	HGTOT 1D	0.15MGKG	1.00HGJJW	0MERCURY, TOTAL MHGTON
GRS	1301	0321900518900450WA9003L865	010	PB 1B	48.1MGKG	10.01AAEJS	0LEAD, TOTAL MPBTON
GRS	1301	0321900518900450WA9003L865	010	SE 1B	1.3MGKG	1.00AAAER	0SELENIUM, TOTAL MSETON

GRS	1301	0321900327900051WA9003L865	010	MEC6D82J	108PER	1.0000MSJBD	59.000TOLUENE-D8	O624HN
GRS	1301	0321900327900051WA9003L865	010	PBFB 2J	97PER	1.0000MSJBD	59.000BROMOFUOROBENZENE	O624HN
GRS	1301	0321900327900051WA9003L865	010	12DCD42J	90PER	1.0000MSJBD	59.0001,2-DICHLOROETHANE-DO	O624HN
GRS	1301	0321900327900051WA9003L865	010	CH3CL 2JLT	12UGKG	1.0000MSJBD	0CHLOROMETHANE	O624HN
GRS	1301	0321900327900051WA9003L865	010	CH3BR 2JLT	12UGKG	1.0000MSJBD	0BROMOMETHANE	O624HN
GRS	1301	0321900327900051WA9003L865	010	C2H3CL2JLT	12UGKG	1.0000MSJBD	0VINYL CHLORIDE	O624HN
GRS	1301	0321900327900051WA9003L865	010	C2H5CL2JLT	12UGKG	1.0000MSJBD	0CHLOROETHANE	O624HN
GRS	1301	0321900327900051WA9003L865	010	CH2CL22JB	31UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	O624HN
GRS	1301	0321900327900051WA9003L865	010	ACET 2JB	19UGKG	1.0000MSJBD	0ACETONE	O624HN
GRS	1301	0321900327900051WA9003L865	010	CS2 2JLT	6UGKG	1.0000MSJBD	0CARBON DISULFIDE	O624HN
GRS	1301	0321900327900051WA9003L865	010	11DCE 2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	O624HN
GRS	1301	0321900327900051WA9003L865	010	11DCE2JLT	6UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	O624HN
GRS	1301	0321900327900051WA9003L865	010	T12DCE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	O624HN
GRS	1301	0321900327900051WA9003L865	010	CHCL3 2JLT	6UGKG	1.0000MSJBD	0CHLOROFORM	O624HN
GRS	1301	0321900327900051WA9003L865	010	12DCE2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	O624HN
GRS	1301	0321900327900051WA9003L865	010	MEK 2JLT	12UGKG	1.0000MSJBD	02-BUTANONE	O624HN
GRS	1301	0321900327900051WA9003L865	010	111TCE2JLT	6UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANO	O624HN
GRS	1301	0321900327900051WA9003L865	010	CCL4 2JLT	6UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	O624HN
GRS	1301	0321900327900051WA9003L865	010	VINYLA2JLT	12UGKG	1.0000MSJBD	0VINYL ACETATE	O624HN
GRS	1301	0321900327900051WA9003L865	010	BRDCLM2JLT	6UGKG	1.0000MSJBD	0BROMODICHLOROMETHANE	O624HN
GRS	1301	0321900327900051WA9003L865	010	12DCLP2JLT	6UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	O624HN
GRS	1301	0321900327900051WA9003L865	010	13DCPC2JLT	6UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPO	O624HN
GRS	1301	0321900327900051WA9003L865	010	TRCLE 2JLT	6UGKG	1.0000MSJBD	0TRICHLOROETHENE	O624HN
GRS	1301	0321900327900051WA9003L865	010	DBRCLM2JLT	6UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANE	O624HN
GRS	1301	0321900327900051WA9003L865	010	112TCE2JLT	6UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO	O624HN
GRS	1301	0321900327900051WA9003L865	010	C6H6 2JLT	6UGKG	1.0000MSJBD	0BENZENE	O624HN
GRS	1301	0321900327900051WA9003L865	010	T13DCP2JLT	6UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPRO	O624HN
GRS	1301	0321900327900051WA9003L865	010	CHBR3 2JLT	6UGKG	1.0000MSJBD	0BROMOFORM	O624HN
GRS	1301	0321900327900051WA9003L865	010	4ME2PE2JLT	12UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	O624HN
GRS	1301	0321900327900051WA9003L865	010	2HXONE2JLT	12UGKG	1.0000MSJBD	02-HEXANONE	O624HN
GRS	1301	0321900327900051WA9003L865	010	TCLEE 2J	7UGKG	1.0000MSJBD	0TETRACHLOROETHENE	O624HN
GRS	1301	0321900327900051WA9003L865	010	TCLEA 2JLT	6UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	O624HN
GRS	1301	0321900327900051WA9003L865	010	MEC6H52JLT	6UGKG	1.0000MSJBD	0TOLUENE	O624HN
GRS	1301	0321900327900051WA9003L865	010	CLC6H52JLT	6UGKG	1.0000MSJBD	0CHLOROBENZENE	O624HN
GRS	1301	0321900327900051WA9003L865	010	ETC6H52JLT	6UGKG	1.0000MSJBD	0ETHYLBENZENE	O624HN
GRS	1301	0321900327900051WA9003L865	010	STYR 2JLT	6UGKG	1.0000MSJBD	0STYRENE	O624HN
GRS	1301	0321900327900051WA9003L865	010	XYLEN 2JLT	6UGKG	1.0000MSJBD	0XYLENE (TOTAL)	O624HN
GRS	1301	0321900403900406WA9003L865	010	NBD5 1X	69PER	1.0000MSBKR	1925.000NITROBENZENE-D5	O625HN
GRS	1301	0321900403900406WA9003L865	010	2FBP 1X	65PER	1.0000MSBKR	1925.0002-FLUOROBIPHENYL	O625HN
GRS	1301	0321900403900406WA9003L865	010	PTERP 1X	79PER	1.0000MSBKR	1925.000P-TERPHENYL-D14	O625HN
GRS	1301	0321900403900406WA9003L865	010	PHEND51X	81PER	1.0000MSBKR	3850.000PHENOL-D5	O625HN
GRS	1301	0321900403900406WA9003L865	010	2FP 1X	67PER	1.0000MSBKR	3850.0002-FLUOROPHENOL	O625HN
GRS	1301	0321900403900406WA9003L865	010	246TBP1X	64PER	1.0000MSBKR	3850.0002,4,6-TRIBROMOPHENOL	O625HN
GRS	1301	0321900403900406WA9003L865	010	PHENOL1XLT	380UGKG	1.0000MSBKR	0PHENOL	O625HN
GRS	1301	0321900403900406WA9003L865	010	B2CEE 1XLT	380UGKG	1.0000MSBKR	0BIS(2-CHLOROETHYL) ETO	O625HN
GRS	1301	0321900403900406WA9003L865	010	2CLP 1XLT	380UGKG	1.0000MSBKR	02-CHLOROPHENOL	O625HN
GRS	1301	0321900403900406WA9003L865	010	13DCLB1XLT	380UGKG	1.0000MSBKR	01,3-DICHLOROBENZENE	O625HN
GRS	1301	0321900403900406WA9003L865	010	14DCLB1XLT	380UGKG	1.0000MSBKR	01,4-DICHLOROBENZENE	O625HN

GRS	1301	0321900403900406WA9003L865	010	BZALC 1XLT	380UGKG	1.0000MSBKR	OBENZYL ALCOHOL	0625HN
GRS	1301	0321900403900406WA9003L865	010	12DCLB1XLT	380UGKG	1.0000MSBKR	01,2-DICHLOROBENZENE	0625HN
GRS	1301	0321900403900406WA9003L865	010	2MP 1XLT	380UGKG	1.0000MSBKR	02-METHYLPHENOL	0625HN
GRS	1301	0321900403900406WA9003L865	010	B2CIPE1XLT	380UGKG	1.0000MSBKR	0BIS (2-CHLOROISOPROPYLO	0625HN
GRS	1301	0321900403900406WA9003L865	010	4MP 1XLT	380UGKG	1.0000MSBKR	04-METHYLPHENOL	0625HN
GRS	1301	0321900403900406WA9003L865	010	NDNPA 1XLT	380UGKG	1.0000MSBKR	0N-NITROSO-DI-N-PROPYLO	0625HN
GRS	1301	0321900403900406WA9003L865	010	CL6ET 1XLT	380UGKG	1.0000MSBKR	0HEXACHLOROETHANE	0625HN
GRS	1301	0321900403900406WA9003L865	010	NB 1XLT	380UGKG	1.0000MSBKR	0NITROBENZENE	0625HN
GRS	1301	0321900403900406WA9003L865	010	ISOPHR1XLT	380UGKG	1.0000MSBKR	0ISOPHORONE	0625HN
GRS	1301	0321900403900406WA9003L865	010	2NP 1XLT	380UGKG	1.0000MSBKR	02-NITROPHENOL	0625HN
GRS	1301	0321900403900406WA9003L865	010	24DMPN1XLT	380UGKG	1.0000MSBKR	02,4-DIMETHYLPHENOL	0625HN
GRS	1301	0321900403900406WA9003L865	010	BENZOAI1XLT	1900UGKG	1.0000MSBKR	0BENZOIC ACID	0625HN
GRS	1301	0321900403900406WA9003L865	010	B2CEXM1XLT	380UGKG	1.0000MSBKR	0BIS (2-CHLOROETHOXY)MO	0625HN
GRS	1301	0321900403900406WA9003L865	010	24DCLP1XLT	380UGKG	1.0000MSBKR	02,4-DICHLOROPHENOL	0625HN
GRS	1301	0321900403900406WA9003L865	010	124TCB1XLT	380UGKG	1.0000MSBKR	01,2,4-TRICHLOROBENZEO	0625HN
GRS	1301	0321900403900406WA9003L865	010	NAP 1XLT	380UGKG	1.0000MSBKR	0NAPHTHALENE	0625HN
GRS	1301	0321900403900406WA9003L865	010	4CANIL1XLT	380UGKG	1.0000MSBKR	04-CHLOROANILINE	0625HN
GRS	1301	0321900403900406WA9003L865	010	HCBD 1XLT	380UGKG	1.0000MSBKR	0HEXACHLOROBUTADIENE	0625HN
GRS	1301	0321900403900406WA9003L865	010	4CL3C 1XLT	380UGKG	1.0000MSBKR	04-CHLORO-3-METHYLPHEO	0625HN
GRS	1301	0321900403900406WA9003L865	010	2MENAP1XLT	380UGKG	1.0000MSBKR	02-METHYLNAPHTHALENE	0625HN
GRS	1301	0321900403900406WA9003L865	010	CL6CP 1XLT	380UGKG	1.0000MSBKR	0HEXACHLOROCYCLOPENTA	0625HN
GRS	1301	0321900403900406WA9003L865	010	246TCP1XLT	380UGKG	1.0000MSBKR	02,4,6-TRICHLOROPHENOO	0625HN
GRS	1301	0321900403900406WA9003L865	010	245TCP1XLT	1900UGKG	1.0000MSBKR	02,4,5-TRICHLOROPHENOO	0625HN
GRS	1301	0321900403900406WA9003L865	010	2CNAP 1XLT	380UGKG	1.0000MSBKR	02-CHLORONAPHTHALENE	0625HN
GRS	1301	0321900403900406WA9003L865	010	2NANIL1XLT	1900UGKG	1.0000MSBKR	02-NITROANILINE	0625HN
GRS	1301	0321900403900406WA9003L865	010	DMP 1XLT	380UGKG	1.0000MSBKR	0DIMETHYLPHTHALATE	0625HN
GRS	1301	0321900403900406WA9003L865	010	ANAPYL1XLT	380UGKG	1.0000MSBKR	0ACENAPHTHYLENE	0625HN
GRS	1301	0321900403900406WA9003L865	010	26DNT 1XLT	380UGKG	1.0000MSBKR	02,6-DINITROTOLUENE	0625HN
GRS	1301	0321900403900406WA9003L865	010	3NANIL1XLT	1900UGKG	1.0000MSBKR	03-NITROANILINE	0625HN
GRS	1301	0321900403900406WA9003L865	010	ANAPNE1XLT	380UGKG	1.0000MSBKR	0ACENAPHTHENE	0625HN
GRS	1301	0321900403900406WA9003L865	010	24DNP 1XLT	1900UGKG	1.0000MSBKR	02,4-DINITROPHENOL	0625HN
GRS	1301	0321900403900406WA9003L865	010	4NP 1XLT	1900UGKG	1.0000MSBKR	04-NITROPHENOL	0625HN
GRS	1301	0321900403900406WA9003L865	010	DIBZFU1XLT	380UGKG	1.0000MSBKR	0DIBENZOFURAN	0625HN
GRS	1301	0321900403900406WA9003L865	010	24DNT 1XLT	380UGKG	1.0000MSBKR	02,4-DINITROTOLUENE	0625HN
GRS	1301	0321900403900406WA9003L865	010	DEP 1XLT	380UGKG	1.0000MSBKR	0DIETHYLPHTHALATE	0625HN
GRS	1301	0321900403900406WA9003L865	010	4CLPPE1XLT	380UGKG	1.0000MSBKR	04-CHLOROPHENYL-PHENYO	0625HN
GRS	1301	0321900403900406WA9003L865	010	FLRENE1XLT	380UGKG	1.0000MSBKR	0FLUORENE	0625HN
GRS	1301	0321900403900406WA9003L865	010	4NANIL1XLT	1900UGKG	1.0000MSBKR	04-NITROANILINE	0625HN
GRS	1301	0321900403900406WA9003L865	010	46DN2C1XLT	1900UGKG	1.0000MSBKR	04,6-DINITRO-2-METHYLO	0625HN
GRS	1301	0321900403900406WA9003L865	010	NNDPA 1XLT	380UGKG	1.0000MSBKR	0N-NITROSODIPHENYLAMIO	0625HN
GRS	1301	0321900403900406WA9003L865	010	4BRPPE1XLT	380UGKG	1.0000MSBKR	04-BROMOPHENYL-PHENYLO	0625HN
GRS	1301	0321900403900406WA9003L865	010	CL6BZ 1XLT	380UGKG	1.0000MSBKR	0HEXACHLOROBENZENE	0625HN
GRS	1301	0321900403900406WA9003L865	010	PCP 1XLT	1900UGKG	1.0000MSBKR	0PENTACHLOROPHENOL	0625HN
GRS	1301	0321900403900406WA9003L865	010	PHANTR1XLT	380UGKG	1.0000MSBKR	0PHENANTHRENE	0625HN
GRS	1301	0321900403900406WA9003L865	010	ANTRC 1XLT	380UGKG	1.0000MSBKR	0ANTHRACENE	0625HN
GRS	1301	0321900403900406WA9003L865	010	DNBP 1XLT	380UGKG	1.0000MSBKR	0DI-N-BUTYLPHTHALATE	0625HN
GRS	1301	0321900403900406WA9003L865	010	FANT 1XLT	380UGKG	1.0000MSBKR	0FLUORANTHENE	0625HN
GRS	1301	0321900403900406WA9003L865	010	PYR 1XLT	380UGKG	1.0000MSBKR	0PYRENE	0625HN

GRS	1301	0321900403900406WA9003L865	010	BB2P	1XLT	380UGKG	1.0000MSBKR	0BUTYLBENZYLPHTHALATEO625HN
GRS	1301	0321900403900406WA9003L865	010	33CL2B1XLT		770UGKG	1.0000MSBKR	03,3'-DICHLOOROBENZIDIO625HN
GRS	1301	0321900403900406WA9003L865	010	BAANTRI1XLT		380UGKG	1.0000MSBKR	OBENZO(A)ANTHRACENE O625HN
GRS	1301	0321900403900406WA9003L865	010	CHRY 1XLT		380UGKG	1.0000MSBKR	OCHRYSENE O625HN
GRS	1301	0321900403900406WA9003L865	010	B2EHP 1XB		1500UGKG	1.0000MSBKR	OBIS(2-ETHYLHEXYL)PHTO625HN
GRS	1301	0321900403900406WA9003L865	010	DNOP 1XLT		380UGKG	1.0000MSBKR	ODI-N-OCTYL PHTHALATEO625HN
GRS	1301	0321900403900406WA9003L865	010	BF2ANT1XLT		380UGKG	1.0000MSBKR	OBENZO(B)FLUORANTHENE0625HN
GRS	1301	0321900403900406WA9003L865	010	BKFANT1XLT		380UGKG	1.0000MSBKR	OBENZO(K)FLUORANTHENE0625HN
GRS	1301	0321900403900406WA9003L865	010	BAPYR 1XLT		380UGKG	1.0000MSBKR	OBENZO(A)PYRENE O625HN
GRS	1301	0321900403900406WA9003L865	010	ICDPYR1XLT		380UGKG	1.0000MSBKR	OINDENO(1,2,3-CD)PYREO625HN
GRS	1301	0321900403900406WA9003L865	010	DBAHA 1XLT		380UGKG	1.0000MSBKR	ODIBENZO(A,H)ANTHRACEO625HN
GRS	1301	0321900403900406WA9003L865	010	BGHIPY1XLT		380UGKG	1.0000MSBKR	OBENZO(G,H,I)PERYLENEO625HN
GRS	1401	0321900328900051WA9003L865	011			85.3%	10 JH	0% SOLIDS. I% SOLN
GRS	1401	0321900519900451WA9008L865	011	AG 2ZLT		2.1MGKG	1.00ICALM	OSILVER, TOTAL MAGTON
GRS	1401	0321900518900450WA9003L865	011	AS 1BLT		2.2MGKG	1.00AAAR	0ARSENIC, TOTAL MAGTON
GRS	1401	0321900519900451WA9003L865	011	BA 2Z		48.4MGKG	1.00ICALM	OBARIUM, TOTAL MBATON
GRS	1401	0321900519900451WA9003L865	011	CD 2Z		1.7MGKG	1.00ICALM	OCADMIUM, TOTAL MCDTON
GRS	1401	0321900519900451WA9003L865	011	CR 2Z		18.1MGKG	1.00ICALM	OCHROMIUM, TOTAL MCRTON
GRS	1401	0321900405900055WA9003L865	011	HGTOT 1DLT		0.12MGKG	1.00HGJJW	OMERCURY, TOTAL MHGTON
GRS	1401	0321900518900450WA9003L865	011	PB 1B		5.1MGKG	1.00AAEJS	OLEAD, TOTAL MPBTON
GRS	1401	0321900518900450WA9003L865	011	SE 1BLT		1.1MGKG	1.00AAMLR	OSELENIUM, TOTAL MSETON
GRS	1401	0321900327900051WA9003L865	011	MEC6D82J		110PER	1.0000MSJBD	56.500TOLUENE-D8 O624HN
GRS	1401	0321900327900051WA9003L865	011	PBFB 2J		96PER	1.0000MSJBD	56.500BROMOFUOROBENZENE O624HN
GRS	1401	0321900327900051WA9003L865	011	12DCD42J		90PER	1.0000MSJBD	56.5001,2-DICHLOROETHANE-DO624HN
GRS	1401	0321900327900051WA9003L865	011	CH3CL 2JLT		11UGKG	1.0000MSJBD	OCHLOROMETHANE O624HN
GRS	1401	0321900327900051WA9003L865	011	CH3BR 2JLT		11UGKG	1.0000MSJBD	OBROMOMETHANE O624HN
GRS	1401	0321900327900051WA9003L865	011	C2H3CL2JLT		11UGKG	1.0000MSJBD	OVINYL CHLORIDE O624HN
GRS	1401	0321900327900051WA9003L865	011	C2H5CL2JLT		11UGKG	1.0000MSJBD	OCHLOROETHANE O624HN
GRS	1401	0321900327900051WA9003L865	011	CH2CL22JB		28UGKG	1.0000MSJBD	OMETHYLENE CHLORIDE O624HN
GRS	1401	0321900327900051WA9003L865	011	ACET 2JLT		11UGKG	1.0000MSJBD	OACETONE O624HN
GRS	1401	0321900327900051WA9003L865	011	CS2 2JLT		6UGKG	1.0000MSJBD	OCARBON DISULFIDE O624HN
GRS	1401	0321900327900051WA9003L865	011	11DCE 2JLT		6UGKG	1.0000MSJBD	01,1-DICHLOROETHENE O624HN
GRS	1401	0321900327900051WA9003L865	011	11DCE2JLT		6UGKG	1.0000MSJBD	01,1-DICHLOROETHANE O624HN
GRS	1401	0321900327900051WA9003L865	011	T12DCE2JLT		6UGKG	1.0000MSJBD	01,2-DICHLOROETHENE (O624HN
GRS	1401	0321900327900051WA9003L865	011	CHCL3 2JLT		6UGKG	1.0000MSJBD	0CHLOROFORM O624HN
GRS	1401	0321900327900051WA9003L865	011	12DCE2JLT		6UGKG	1.0000MSJBD	01,2-DICHLOROETHANE O624HN
GRS	1401	0321900327900051WA9003L865	011	MEK 2JLT		11UGKG	1.0000MSJBD	02-BUTANONE O624HN
GRS	1401	0321900327900051WA9003L865	011	111TCE2JLT		6UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANO624HN
GRS	1401	0321900327900051WA9003L865	011	CCL4 2JLT		6UGKG	1.0000MSJBD	OCARBON TETRACHLORIDE0624HN
GRS	1401	0321900327900051WA9003L865	011	VINYLA2JLT		11UGKG	1.0000MSJBD	OVINYL ACETATE O624HN
GRS	1401	0321900327900051WA9003L865	011	BRDCIM2JLT		6UGKG	1.0000MSJBD	OBROMODICHLOROMETHANE0624HN
GRS	1401	0321900327900051WA9003L865	011	12DCLP2JLT		6UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE O624HN
GRS	1401	0321900327900051WA9003L865	011	13DCPC2JLT		6UGKG	1.0000MSJBD	OCIS-1,3-DICHLOROPROP0624HN
GRS	1401	0321900327900051WA9003L865	011	TRCLE 2JLT		6UGKG	1.0000MSJBD	OTRICHLOROETHENE O624HN
GRS	1401	0321900327900051WA9003L865	011	DBRCLM2JLT		6UGKG	1.0000MSJBD	ODIBROMOCHLOROMETHANE0624HN
GRS	1401	0321900327900051WA9003L865	011	112TCE2JLT		6UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANO624HN
GRS	1401	0321900327900051WA9003L865	011	C6H6 2JLT		6UGKG	1.0000MSJBD	OBENZENE O624HN
GRS	1401	0321900327900051WA9003L865	011	T13DCP2JLT		6UGKG	1.0000MSJBD	OTRANS-1,3-DICHLOROP624HN

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GRS	14	0321900327900051WA9003L865	011	CHBR3 2JLT	UGKG	1.0000MSJBD	OBROMOFORM	O624HN
GRS	1401	0321900327900051WA9003L865	011	4ME2PE2JLT	11UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	O624HN
GRS	1401	0321900327900051WA9003L865	011	2HXONE2JLT	11UGKG	1.0000MSJBD	02-HEXANONE	O624HN
GRS	1401	0321900327900051WA9003L865	011	TCLEE 2J	6UGKG	1.0000MSJBD	0TETRACHLOROETHENE	O624HN
GRS	1401	0321900327900051WA9003L865	011	TCLEA 2JLT	6UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROEO	O624HN
GRS	1401	0321900327900051WA9003L865	011	MEC6H52JLT	6UGKG	1.0000MSJBD	0TOLUENE	O624HN
GRS	1401	0321900327900051WA9003L865	011	CLC6H52JLT	6UGKG	1.0000MSJBD	0CHLOROBENZENE	O624HN
GRS	1401	0321900327900051WA9003L865	011	ETC6H52JLT	6UGKG	1.0000MSJBD	0ETHYLBENZENE	O624HN
GRS	1401	0321900327900051WA9003L865	011	STYR 2JLT	6UGKG	1.0000MSJBD	0STYRENE	O624HN
GRS	1401	0321900327900051WA9003L865	011	XYLEN 2JLT	6UGKG	1.0000MSJBD	0XYLENE (TOTAL)	O624HN
GRS	1401	0321900403900406WA9003L865	011	NBD5 1X	66PER	1.0000MSBKR	1950.000NITROBENZENE-D5	O625HN
GRS	1401	0321900403900406WA9003L865	011	2FBP 1X	64PER	1.0000MSBKR	1950.0002-FLUOROBIPHENYL	O625HN
GRS	1401	0321900403900406WA9003L865	011	PTERP 1X	77PER	1.0000MSBKR	1950.000P-TERPHENYL-D14	O625HN
GRS	1401	0321900403900406WA9003L865	011	PHEND51X	73PER	1.0000MSBKR	3900.000PHENOL-D5	O625HN
GRS	1401	0321900403900406WA9003L865	011	2FP 1X	58PER	1.0000MSBKR	3900.0002-FLUOROPHENOL	O625HN
GRS	1401	0321900403900406WA9003L865	011	246TBP1X	50PER	1.0000MSBKR	3900.0002,4,6-TRIBROMOPHENOL	O625HN
GRS	1401	0321900403900406WA9003L865	011	PHENOL1XLT	390UGKG	1.0000MSBKR	0PHENOL	O625HN
GRS	1401	0321900403900406WA9003L865	011	B2CEE 1XLT	390UGKG	1.0000MSBKR	0BIS (2-CHLOROETHYL) ETO	O625HN
GRS	1401	0321900403900406WA9003L865	011	2CLP 1XLT	390UGKG	1.0000MSBKR	02-CHLOROPHENOL	O625HN
GRS	1401	0321900403900406WA9003L865	011	13DCLB1XLT	390UGKG	1.0000MSBKR	01,3-DICHLOROBENZENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	14DCLB1XLT	390UGKG	1.0000MSBKR	01,4-DICHLOROBENZENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	BZALC 1XLT	390UGKG	1.0000MSBKR	0BENZYL ALCOHOL	O625HN
GRS	1401	0321900403900406WA9003L865	011	12DCLB1XLT	390UGKG	1.0000MSBKR	01,2-DICHLOROBENZENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	2MP 1XLT	390UGKG	1.0000MSBKR	02-METHYLPHENOL	O625HN
GRS	1401	0321900403900406WA9003L865	011	B2CIPE1XLT	390UGKG	1.0000MSBKR	0BIS (2-CHLOROISOPROPYLO	O625HN
GRS	1401	0321900403900406WA9003L865	011	4MP 1XLT	390UGKG	1.0000MSBKR	04-METHYLPHENOL	O625HN
GRS	1401	0321900403900406WA9003L865	011	NDNPA 1XLT	390UGKG	1.0000MSBKR	0N-NITROSO-DI-N-PROPYO	O625HN
GRS	1401	0321900403900406WA9003L865	011	CL6ET 1XLT	390UGKG	1.0000MSBKR	0HEXACHLOROETHANE	O625HN
GRS	1401	0321900403900406WA9003L865	011	NB 1XLT	390UGKG	1.0000MSBKR	0NITROBENZENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	ISOPHR1XLT	390UGKG	1.0000MSBKR	0ISOPHORONE	O625HN
GRS	1401	0321900403900406WA9003L865	011	2NP 1XLT	390UGKG	1.0000MSBKR	02-NITROPHENOL	O625HN
GRS	1401	0321900403900406WA9003L865	011	24DMPN1XLT	390UGKG	1.0000MSBKR	02,4-DIMETHYLPHENOL	O625HN
GRS	1401	0321900403900406WA9003L865	011	BENZOAL1XLT	2000UGKG	1.0000MSBKR	0BENZOIC ACID	O625HN
GRS	1401	0321900403900406WA9003L865	011	B2CEXM1XLT	390UGKG	1.0000MSBKR	0BIS (2-CHLOROETHOXY) MO	O625HN
GRS	1401	0321900403900406WA9003L865	011	24DCLP1XLT	390UGKG	1.0000MSBKR	02,4-DICHLOROPHENOL	O625HN
GRS	1401	0321900403900406WA9003L865	011	124TCB1XLT	390UGKG	1.0000MSBKR	01,2,4-TRICHLOROBENZEO	O625HN
GRS	1401	0321900403900406WA9003L865	011	NAP 1XLT	390UGKG	1.0000MSBKR	0NAPHTHALENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	4CANIL1XLT	390UGKG	1.0000MSBKR	04-CHLOROANILINE	O625HN
GRS	1401	0321900403900406WA9003L865	011	HCBD 1XLT	390UGKG	1.0000MSBKR	0HEXACHLOROBUTADIENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	4CL3C 1XLT	390UGKG	1.0000MSBKR	04-CHLORO-3-METHYLPHEO	O625HN
GRS	1401	0321900403900406WA9003L865	011	2MENAP1XLT	390UGKG	1.0000MSBKR	02-METHYLNAPHTHALENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	CL6CP 1XLT	390UGKG	1.0000MSBKR	0HEXACHLOROCYCLOPENTAO	O625HN
GRS	1401	0321900403900406WA9003L865	011	246TCP1XLT	390UGKG	1.0000MSBKR	02,4,6-TRICHLOROPHENOO	O625HN
GRS	1401	0321900403900406WA9003L865	011	245TCP1XLT	2000UGKG	1.0000MSBKR	02,4,5-TRICHLOROPHENOO	O625HN
GRS	1401	0321900403900406WA9003L865	011	2CNAP 1XLT	390UGKG	1.0000MSBKR	02-CHLORONAPHTHALENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	2NANIL1XLT	2000UGKG	1.0000MSBKR	02-NITROANILINE	O625HN
GRS	1401	0321900403900406WA9003L865	011	DMP 1XLT	390UGKG	1.0000MSBKR	0DIMETHYLPHTHALATE	O625HN
GRS	1401	0321900403900406WA9003L865	011	ANAPYL1XLT	390UGKG	1.0000MSBKR	0ACENAPHTHYLENE	O625HN

GRS	1401	0321900403900406WA9003L865	011	26DNT 1XLT	390UGKG	1.0000MSBKR	02, 6-DINITROTOLUENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	3NANIL1XLT	2000UGKG	1.0000MSBKR	03-NITROANILINE	O625HN
GRS	1401	0321900403900406WA9003L865	011	ANAPNE1XLT	390UGKG	1.0000MSBKR	0ACENAPHTHENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	24DNP 1XLT	2000UGKG	1.0000MSBKR	02, 4-DINITROPHENOL	O625HN
GRS	1401	0321900403900406WA9003L865	011	4NP 1XLT	2000UGKG	1.0000MSBKR	04-NITROPHENOL	O625HN
GRS	1401	0321900403900406WA9003L865	011	DIBZFU1XLT	390UGKG	1.0000MSBKR	0DIBENZOFURAN	O625HN
GRS	1401	0321900403900406WA9003L865	011	24DNT 1XLT	390UGKG	1.0000MSBKR	02, 4-DINITROTOLUENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	DEP 1XLT	390UGKG	1.0000MSBKR	0DIETHYLPHTHALATE	O625HN
GRS	1401	0321900403900406WA9003L865	011	4CLPPE1XLT	390UGKG	1.0000MSBKR	04-CHLOROPHENYL-PHENYLO	O625HN
GRS	1401	0321900403900406WA9003L865	011	FLRENE1XLT	390UGKG	1.0000MSBKR	0FLUORENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	4NANIL1XLT	2000UGKG	1.0000MSBKR	04-NITROANILINE	O625HN
GRS	1401	0321900403900406WA9003L865	011	46DN2C1XLT	2000UGKG	1.0000MSBKR	04, 6-DINITRO-2-METHYLO	O625HN
GRS	1401	0321900403900406WA9003L865	011	NNPDA 1XLT	390UGKG	1.0000MSBKR	0N-NITROSODIPHENYLAMIO	O625HN
GRS	1401	0321900403900406WA9003L865	011	4BRPPE1XLT	390UGKG	1.0000MSBKR	04-BROMOPHENYL-PHENYLO	O625HN
GRS	1401	0321900403900406WA9003L865	011	CL6BZ 1XLT	390UGKG	1.0000MSBKR	0HEXACHLOROBENZENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	PCP 1XLT	2000UGKG	1.0000MSBKR	0PENTACHLOROPHENOL	O625HN
GRS	1401	0321900403900406WA9003L865	011	PHANTR1XLT	390UGKG	1.0000MSBKR	0PHENANTHRENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	ANTRC 1XLT	390UGKG	1.0000MSBKR	0ANTHRACENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	DNBP 1XLT	390UGKG	1.0000MSBKR	0DI-N-BUTYLPHTHALATE	O625HN
GRS	1401	0321900403900406WA9003L865	011	FANT 1XLT	390UGKG	1.0000MSBKR	0FLUORANTHENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	PYR 1XLT	390UGKG	1.0000MSBKR	0PYRENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	BBZP 1XLT	390UGKG	1.0000MSBKR	0BUTYLBENZYLPHTHALATEO	O625HN
GRS	1401	0321900403900406WA9003L865	011	33CL2B1XLT	780UGKG	1.0000MSBKR	03, 3'-DICHLORO BENZIDIO	O625HN
GRS	1401	0321900403900406WA9003L865	011	BAANTR1XLT	390UGKG	1.0000MSBKR	0BENZO (A) ANTHRACENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	CHRY 1XLT	390UGKG	1.0000MSBKR	0CHRYSENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	B2EHP 1XB	410UGKG	1.0000MSBKR	0BIS (2-ETHYLHEXYL) PHTO	O625HN
GRS	1401	0321900403900406WA9003L865	011	DNOP 1XLT	390UGKG	1.0000MSBKR	0DI-N-OCTYL PHTHALATEO	O625HN
GRS	1401	0321900403900406WA9003L865	011	BF2ANT1XLT	390UGKG	1.0000MSBKR	0BENZO (B) FLUORANTHENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	BKFANT1XLT	390UGKG	1.0000MSBKR	0BENZO (K) FLUORANTHENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	BAPYR 1XLT	390UGKG	1.0000MSBKR	0BENZO (A) PYRENE	O625HN
GRS	1401	0321900403900406WA9003L865	011	ICDPYR1XLT	390UGKG	1.0000MSBKR	0INDENO (1, 2, 3-CD) PYREO	O625HN
GRS	1401	0321900403900406WA9003L865	011	DBAHA 1XLT	390UGKG	1.0000MSBKR	0DIBENZO (A, H) ANTHRACEO	O625HN
GRS	1401	0321900403900406WA9003L865	011	BGHIPY1XLT	390UGKG	1.0000MSBKR	0BENZO (G, H, I) PERYLENEO	O625HN
GRS	1301E	0321900402900337WA9003L865	012	AG 2ZLT	10.0UGL	1.00ICALM	0SILVER, TOTAL	MAGTON
GRS	1301E	0321900402900336WA9003L865	012	AS 1BLT	10.0UGL	1.00AAMLR	0ARSENIC, TOTAL	MASTON
GRS	1301E	0321900402900337WA9003L865	012	BA 2ZLT	200UGL	1.00ICALM	0BARIUM, TOTAL	MBATON
GRS	1301E	0321900402900337WA9003L865	012	CD 2ZLT	5.0UGL	1.00ICALM	0CADMIUM, TOTAL	MCDTON
GRS	1301E	0321900402900337WA9003L865	012	CR 2ZLT	10.0UGL	1.00ICALM	0CHROMIUM, TOTAL	MCRTON
GRS	1301E	0321900408900056WA9003L865	012	HGTOT 1DLT	0.20UGL	1.00HGJJW	0MERCURY, TOTAL	MHGTON
GRS	1301E	0321900405900336WA9003L865	012	PB 1BLT	3.0UGL	1.00AACMT	0LEAD, TOTAL	MPBTON
GRS	1301E	0321900404900336WA9003L865	012	SE 1BLT	5.0UGL	1.00AAMLR	0SELENIUM, TOTAL	MSETON
GRS	1301E	0321900329900043WA9003L865	012	MEC6D82J	103PER	1.0000MSMAZ	50.000TOLUENE-D8	O624HN
GRS	1301E	0321900329900043WA9003L865	012	PBFB 2J	106PER	1.0000MSMAZ	50.000BROMOFLUOROBENZENE	O624HN
GRS	1301E	0321900329900043WA9003L865	012	12DCD42J	77PER	1.0000MSMAZ	50.0001, 2-DICHLOROETHANE-DO	O624HN
GRS	1301E	0321900329900043WA9003L865	012	CH3CL 2JLT	10UGL	1.0000MSMAZ	0CHLOROMETHANE	O624HN
GRS	1301E	0321900329900043WA9003L865	012	CH3BR 2JLT	10UGL	1.0000MSMAZ	0BROMOMETHANE	O624HN
GRS	1301E	0321900329900043WA9003L865	012	C2H3CL2JLT	10UGL	1.0000MSMAZ	0VINYL CHLORIDE	O624HN
GRS	1301E	0321900329900043WA9003L865	012	C2H5CL2JLT	10UGL	1.0000MSMAZ	0CHLOROETHANE	O624HN

GRS	1301E0321900329900043WA9003L865	012	CH2CL2JLT	5UGL	1.0000MSMAZ	0METHYLENE CHLORIDE	O624HN
GRS	1301E0321900329900043WA9003L865	012	ACET 2JLT	10UGL	1.0000MSMAZ	0ACETONE	O624HN
GRS	1301E0321900329900043WA9003L865	012	CS2 2JLT	5UGL	1.0000MSMAZ	0CARBON DISULFIDE	O624HN
GRS	1301E0321900329900043WA9003L865	012	11DCE 2JLT	5UGL	1.0000MSMAZ	01,1-DICHLOROETHENE	O624HN
GRS	1301E0321900329900043WA9003L865	012	11DCLE2JLT	5UGL	1.0000MSMAZ	01,1-DICHLOROETHANE	O624HN
GRS	1301E0321900329900043WA9003L865	012	T12DCE2JLT	5UGL	1.0000MSMAZ	01,2-DICHLOROETHENE	O624HN
GRS	1301E0321900329900043WA9003L865	012	CHCL3 2JLT	5UGL	1.0000MSMAZ	0CHLOROFORM	O624HN
GRS	1301E0321900329900043WA9003L865	012	12DCLE2JLT	5UGL	1.0000MSMAZ	01,2-DICHLOROETHANE	O624HN
GRS	1301E0321900329900043WA9003L865	012	MEK 2JLT	10UGL	1.0000MSMAZ	02-BUTANONE	O624HN
GRS	1301E0321900329900043WA9003L865	012	111TCE2JLT	5UGL	1.0000MSMAZ	01,1,1-TRICHLOROETHANO	O624HN
GRS	1301E0321900329900043WA9003L865	012	CCL4 2JLT	5UGL	1.0000MSMAZ	0CARBON TETRACHLORIDE	O624HN
GRS	1301E0321900329900043WA9003L865	012	VINYLA2JLT	10UGL	1.0000MSMAZ	0VINYL ACETATE	O624HN
GRS	1301E0321900329900043WA9003L865	012	BRDCLM2JLT	5UGL	1.0000MSMAZ	0BROMODICHLOROMETHANE	O624HN
GRS	1301E0321900329900043WA9003L865	012	12DCLP2JLT	5UGL	1.0000MSMAZ	01,2-DICHLOROPROPANE	O624HN
GRS	1301E0321900329900043WA9003L865	012	13DCPC2JLT	5UGL	1.0000MSMAZ	0CIS-1,3-DICHLOROPROPO	O624HN
GRS	1301E0321900329900043WA9003L865	012	TRCLE 2JLT	5UGL	1.0000MSMAZ	0TRICHLOROETHENE	O624HN
GRS	1301E0321900329900043WA9003L865	012	DBRCLM2JLT	5UGL	1.0000MSMAZ	0DIBROMOCHLOROMETHANE	O624HN
GRS	1301E0321900329900043WA9003L865	012	112TCE2JLT	5UGL	1.0000MSMAZ	01,1,2-TRICHLOROETHANO	O624HN
GRS	1301E0321900329900043WA9003L865	012	C6H6 2JLT	5UGL	1.0000MSMAZ	0BENZENE	O624HN
GRS	1301E0321900329900043WA9003L865	012	T13DCP2JLT	5UGL	1.0000MSMAZ	0TRANS-1,3-DICHLOROPRO	O624HN
GRS	1301E0321900329900043WA9003L865	012	CHBR3 2JLT	5UGL	1.0000MSMAZ	0BROMOFORM	O624HN
GRS	1301E0321900329900043WA9003L865	012	4ME2PE2JLT	10UGL	1.0000MSMAZ	04-METHYL-2-PENTANONE	O624HN
GRS	1301E0321900329900043WA9003L865	012	2HXONE2JLT	10UGL	1.0000MSMAZ	02-HEXANONE	O624HN
GRS	1301E0321900329900043WA9003L865	012	TCLEE 2JLT	5UGL	1.0000MSMAZ	0TETRACHLOROETHENE	O624HN
GRS	1301E0321900329900043WA9003L865	012	TCLEA 2JLT	5UGL	1.0000MSMAZ	01,1,2,2-TETRACHLOROEO	O624HN
GRS	1301E0321900329900043WA9003L865	012	MEC6H52JLT	5UGL	1.0000MSMAZ	0TOLUENE	O624HN
GRS	1301E0321900329900043WA9003L865	012	CLC6H52JLT	5UGL	1.0000MSMAZ	0CHLOROBENZENE	O624HN
GRS	1301E0321900329900043WA9003L865	012	ETC6H52JLT	5UGL	1.0000MSMAZ	0ETHYLBENZENE	O624HN
GRS	1301E0321900329900043WA9003L865	012	STYR 2JLT	5UGL	1.0000MSMAZ	0STYRENE	O624HN
GRS	1301E0321900329900043WA9003L865	012	XYLEN 2JLT	5UGL	1.0000MSMAZ	0XYLENE (TOTAL)	O624HN
GRS	1301E0321900419901200WA9003L865	013	ALPHAG9W	0.00PCIL1.00	10EBUNK	0GROSS ALPHA	IALPHN
GRS	1301E0321900419901200WA9003L865	013	BETAG 9W	0.00PCIL4.00	10EBUNK	0NONVOLATILE BETA	IBETAN
GRS	1401B0321900329900043WA9003L865	014	MEC6D82J	94PER	1.0000MSMAZ	50.000TOLUENE-D8	O624HN
GRS	1401B0321900329900043WA9003L865	014	PBFB 2J	98PER	1.0000MSMAZ	50.000BROMOFLUOROBENZENE	O624HN
GRS	1401B0321900329900043WA9003L865	014	12DCD42J	95PER	1.0000MSMAZ	50.0001,2-DICHLOROETHANE-DO	O624HN
GRS	1401B0321900329900043WA9003L865	014	CH3CL 2JLT	10UGL	1.0000MSMAZ	0CHLOROMETHANE	O624HN
GRS	1401B0321900329900043WA9003L865	014	CH3BR 2JLT	10UGL	1.0000MSMAZ	0BROMOMETHANE	O624HN
GRS	1401B0321900329900043WA9003L865	014	C2H3CL2JLT	10UGL	1.0000MSMAZ	0VINYL CHLORIDE	O624HN
GRS	1401B0321900329900043WA9003L865	014	C2H5CL2JLT	10UGL	1.0000MSMAZ	0CHLOROETHANE	O624HN
GRS	1401B0321900329900043WA9003L865	014	CH2CL22JLT	5UGL	1.0000MSMAZ	0METHYLENE CHLORIDE	O624HN
GRS	1401B0321900329900043WA9003L865	014	ACET 2JLT	10UGL	1.0000MSMAZ	0ACETONE	O624HN
GRS	1401B0321900329900043WA9003L865	014	CS2 2JLT	5UGL	1.0000MSMAZ	0CARBON DISULFIDE	O624HN
GRS	1401B0321900329900043WA9003L865	014	11DCE 2JLT	5UGL	1.0000MSMAZ	01,1-DICHLOROETHENE	O624HN
GRS	1401B0321900329900043WA9003L865	014	11DCLE2JLT	5UGL	1.0000MSMAZ	01,1-DICHLOROETHANE	O624HN
GRS	1401B0321900329900043WA9003L865	014	T12DCE2JLT	5UGL	1.0000MSMAZ	01,2-DICHLOROETHENE	O624HN
GRS	1401B0321900329900043WA9003L865	014	CHCL3 2JLT	5UGL	1.0000MSMAZ	0CHLOROFORM	O624HN
GRS	1401B0321900329900043WA9003L865	014	12DCLE2JLT	5UGL	1.0000MSMAZ	01,2-DICHLOROETHANE	O624HN
GRS	1401B0321900329900043WA9003L865	014	MEK 2JLT	10UGL	1.0000MSMAZ	02-BUTANONE	O624HN

GRS	1401B0321900329900043WA9003L865	014	111TCE2JLT	5UGL	1.0000MSMAZ	01,1,1-TRICHLOROETHANO624HN
GRS	1401B0321900329900043WA9003L865	014	CCL4 2JLT	5UGL	1.0000MSMAZ	0CARBON TETRACHLORIDEO624HN
GRS	1401B0321900329900043WA9003L865	014	VINYLA2JLT	10UGL	1.0000MSMAZ	0VINYL ACETATE 0624HN
GRS	1401B0321900329900043WA9003L865	014	BRDCLM2JLT	5UGL	1.0000MSMAZ	0BROMODICHLOROMETHANEO624HN
GRS	1401B0321900329900043WA9003L865	014	12DCLP2JLT	5UGL	1.0000MSMAZ	01,2-DICHLOROPROPANE 0624HN
GRS	1401B0321900329900043WA9003L865	014	13DCPC2JLT	5UGL	1.0000MSMAZ	0CIS-1,3-DICHLOROPROPO624HN
GRS	1401B0321900329900043WA9003L865	014	TRCLE 2JLT	5UGL	1.0000MSMAZ	0TRICHLOROETHENE 0624HN
GRS	1401B0321900329900043WA9003L865	014	DBRCLM2JLT	5UGL	1.0000MSMAZ	0DIBROMOCHLOROMETHANEO624HN
GRS	1401B0321900329900043WA9003L865	014	112TCE2JLT	5UGL	1.0000MSMAZ	01,1,2-TRICHLOROETHANO624HN
GRS	1401B0321900329900043WA9003L865	014	C6H6 2JLT	5UGL	1.0000MSMAZ	0BENZENE 0624HN
GRS	1401B0321900329900043WA9003L865	014	T13DCP2JLT	5UGL	1.0000MSMAZ	0TRANS-1,3-DICHLOROPRO624HN
GRS	1401B0321900329900043WA9003L865	014	CHBR3 2JLT	5UGL	1.0000MSMAZ	0BROMOFORM 0624HN
GRS	1401B0321900329900043WA9003L865	014	4ME2PE2JLT	10UGL	1.0000MSMAZ	04-METHYL-2-PENTANONE0624HN
GRS	1401B0321900329900043WA9003L865	014	2HXONE2JLT	10UGL	1.0000MSMAZ	02-HEXANONE 0624HN
GRS	1401B0321900329900043WA9003L865	014	TCLEE 2JLT	5UGL	1.0000MSMAZ	0TETRACHLOROETHENE 0624HN
GRS	1401B0321900329900043WA9003L865	014	TCLEA 2JLT	5UGL	1.0000MSMAZ	01,1,2,2-TETRACHLOROEO624HN
GRS	1401B0321900329900043WA9003L865	014	MEC6H52JLT	5UGL	1.0000MSMAZ	0TOLUENE 0624HN
GRS	1401B0321900329900043WA9003L865	014	CLC6H52JLT	5UGL	1.0000MSMAZ	0CHLOROBENZENE 0624HN
GRS	1401B0321900329900043WA9003L865	014	ETC6H52JLT	5UGL	1.0000MSMAZ	0ETHYLBENZENE 0624HN
GRS	1401B0321900329900043WA9003L865	014	STYR 2JLT	5UGL	1.0000MSMAZ	0STYRENE 0624HN
GRS	1401B0321900329900043WA9003L865	014	XYLEN 2JLT	5UGL	1.0000MSMAZ	0XYLENE (TOTAL) 0624HN
GRS	1401C0321900329900043WA9003L865	015	MEC6D82J	101PER	1.0000MSMAZ	50.000TOLUENE-D8 0624HN
GRS	1401C0321900329900043WA9003L865	015	PBFB 2J	107PER	1.0000MSMAZ	50.000BROMOFLUOROBENZENE 0624HN
GRS	1401C0321900329900043WA9003L865	015	12DCD42J	93PER	1.0000MSMAZ	50.0001,2-DICHLOROETHANE-DO624HN
GRS	1401C0321900329900043WA9003L865	015	CH3CL 2JLT	10UGL	1.0000MSMAZ	0CHLOROMETHANE 0624HN
GRS	1401C0321900329900043WA9003L865	015	CH3BR 2JLT	10UGL	1.0000MSMAZ	0BROMOMETHANE 0624HN
GRS	1401C0321900329900043WA9003L865	015	C2H3CL2JLT	10UGL	1.0000MSMAZ	0VINYL CHLORIDE 0624HN
GRS	1401C0321900329900043WA9003L865	015	C2H5CL2JLT	10UGL	1.0000MSMAZ	0CHLOROETHANE 0624HN
GRS	1401C0321900329900043WA9003L865	015	CH2CL22JLT	5UGL	1.0000MSMAZ	0METHYLENE CHLORIDE 0624HN
GRS	1401C0321900329900043WA9003L865	015	ACET 2JLT	10UGL	1.0000MSMAZ	0ACETONE 0624HN
GRS	1401C0321900329900043WA9003L865	015	CS2 2JLT	5UGL	1.0000MSMAZ	0CARBON DISULFIDE 0624HN
GRS	1401C0321900329900043WA9003L865	015	11DCE 2JLT	5UGL	1.0000MSMAZ	01,1-DICHLOROETHENE 0624HN
GRS	1401C0321900329900043WA9003L865	015	11DCL2JLT	5UGL	1.0000MSMAZ	01,1-DICHLOROETHANE 0624HN
GRS	1401C0321900329900043WA9003L865	015	T12DCE2JLT	5UGL	1.0000MSMAZ	01,2-DICHLOROETHENE (0624HN
GRS	1401C0321900329900043WA9003L865	015	CHCL3 2JLT	5UGL	1.0000MSMAZ	0CHLOROFORM 0624HN
GRS	1401C0321900329900043WA9003L865	015	12DCL2JLT	5UGL	1.0000MSMAZ	01,2-DICHLOROETHANE 0624HN
GRS	1401C0321900329900043WA9003L865	015	MEK 2JLT	10UGL	1.0000MSMAZ	02-BUTANONE 0624HN
GRS	1401C0321900329900043WA9003L865	015	111TCE2JLT	5UGL	1.0000MSMAZ	01,1,1-TRICHLOROETHANO624HN
GRS	1401C0321900329900043WA9003L865	015	CCL4 2JLT	5UGL	1.0000MSMAZ	0CARBON TETRACHLORIDEO624HN
GRS	1401C0321900329900043WA9003L865	015	VINYLA2JLT	10UGL	1.0000MSMAZ	0VINYL ACETATE 0624HN
GRS	1401C0321900329900043WA9003L865	015	BRDCLM2JLT	5UGL	1.0000MSMAZ	0BROMODICHLOROMETHANEO624HN
GRS	1401C0321900329900043WA9003L865	015	12DCLP2JLT	5UGL	1.0000MSMAZ	01,2-DICHLOROPROPANE 0624HN
GRS	1401C0321900329900043WA9003L865	015	13DCPC2JLT	5UGL	1.0000MSMAZ	0CIS-1,3-DICHLOROPROPO624HN
GRS	1401C0321900329900043WA9003L865	015	TRCLE 2JLT	5UGL	1.0000MSMAZ	0TRICHLOROETHENE 0624HN
GRS	1401C0321900329900043WA9003L865	015	DBRCLM2JLT	5UGL	1.0000MSMAZ	0DIBROMOCHLOROMETHANEO624HN
GRS	1401C0321900329900043WA9003L865	015	112TCE2JLT	5UGL	1.0000MSMAZ	01,1,2-TRICHLOROETHANO624HN
GRS	1401C0321900329900043WA9003L865	015	C6H6 2JLT	5UGL	1.0000MSMAZ	0BENZENE 0624HN
GRS	1401C0321900329900043WA9003L865	015	T13DCP2JLT	5UGL	1.0000MSMAZ	0TRANS-1,3-DICHLOROP 0624HN

GRS	14	0321900329900043WA9003L865	015	CHBR3	2JLT	5UGL	1.0000MSMAZ	0BROMOFORM	O624HN
GRS	1401C	0321900329900043WA9003L865	015	4ME2PE2	JLT	10UGL	1.0000MSMAZ	04-METHYL-2-PENTANONE	O624HN
GRS	1401C	0321900329900043WA9003L865	015	2HXONE2	JLT	10UGL	1.0000MSMAZ	02-HEXANONE	O624HN
GRS	1401C	0321900329900043WA9003L865	015	TCLEE	2JLT	5UGL	1.0000MSMAZ	0TETRACHLOROETHENE	O624HN
GRS	1401C	0321900329900043WA9003L865	015	TCLEA	2JLT	5UGL	1.0000MSMAZ	01,1,2,2-TETRACHLOROEO	O624HN
GRS	1401C	0321900329900043WA9003L865	015	MEC6H52	JLT	5UGL	1.0000MSMAZ	0TOLUENE	O624HN
GRS	1401C	0321900329900043WA9003L865	015	CLC6H52	JLT	5UGL	1.0000MSMAZ	0CHLOROBENZENE	O624HN
GRS	1401C	0321900329900043WA9003L865	015	ETC6H52	JLT	5UGL	1.0000MSMAZ	0ETHYLBENZENE	O624HN
GRS	1401C	0321900329900043WA9003L865	015	STYR	2JLT	5UGL	1.0000MSMAZ	0STYRENE	O624HN
GRS	1401C	0321900329900043WA9003L865	015	XYLEN	2JLT	5UGL	1.0000MSMAZ	0XYLENE (TOTAL)	O624HN
LCS		0405900055WA90C055B	LC1	LHGTOT	1D	0.96MGKG	1.00HGJJW	0MERCURY, LCS	MHGLCL
LCS		0405900055WA90C055B	LC1	LHGTOT	1D	96.2PER	1.00HGJJW	1.0MERCURY, LCS	MHGLCL
LCS		0405900055WA90C055B	LC2	LHGTOT	1D	1.1MGKG	1.00HGJJW	0MERCURY, LCS	MHGLCL
LCS		0405900055WA90C055B	LC2	LHGTOT	1D	105PER	1.00HGJJW	1.0MERCURY, LCS	MHGLCL
LCS		0405900055WA90C055B	LC3	LHGTOT	1D	1.0MGKG	1.00HGJJW	0MERCURY, LCS	MHGLCL
LCS		0405900055WA90C055B	LC3	LHGTOT	1D	102PER	1.00HGJJW	1.0MERCURY, LCS	MHGLCL
LCS		0405900055WA90C055B	LC4	LHGTOT	1D	1.1MGKG	1.00HGJJW	0MERCURY, LCS	MHGLCL
LCS		0405900055WA90C055B	LC4	LHGTOT	1D	108PER	1.00HGJJW	1.0MERCURY, LCS	MHGLCL
MBLK		0405900055WA90C055B	MB1	HGTOT	1DLT	0.10MGKG	1.00HGJJW	0MERCURY, TOTAL	MHGTON
MBLK		0405900055WA90C055B	MB2	HGTOT	1DLT	0.10MGKG	1.00HGJJW	0MERCURY, TOTAL	MHGTON
MBLK		0405900055WA90C055B	MB3	HGTOT	1DLT	0.10MGKG	1.00HGJJW	0MERCURY, TOTAL	MHGTON
MBLK		0405900055WA90C055B	MB4	HGTOT	1DLT	0.10MGKG	1.00HGJJW	0MERCURY, TOTAL	MHGTON
LCS		0408900056WA90C056A	LC1	LHGTOT	1D	2.0UGL	1.00HGJJW	0MERCURY, LCS	MHGLCL
LCS		0408900056WA90C056A	LC1	LHGTOT	1D	102PER	1.00HGJJW	2.0MERCURY, LCS	MHGLCL
LCS		0408900056WA90C056A	LC2	LHGTOT	1D	2.3UGL	1.00HGJJW	0MERCURY, LCS	MHGLCL
LCS		0408900056WA90C056A	LC2	LHGTOT	1D	113PER	1.00HGJJW	2.0MERCURY, LCS	MHGLCL
LCS		0408900056WA90C056A	LC3	LHGTOT	1D	2.3UGL	1.00HGJJW	0MERCURY, LCS	MHGLCL
LCS		0408900056WA90C056A	LC3	LHGTOT	1D	113PER	1.00HGJJW	2.0MERCURY, LCS	MHGLCL
MBLK		0408900056WA90C056A	MB1	HGTOT	1DLT	0.20UGL	1.00HGJJW	0MERCURY, TOTAL	MHGTON
MBLK		0408900056WA90C056A	MB2	HGTOT	1DLT	0.20UGL	1.00HGJJW	0MERCURY, TOTAL	MHGTON
MBLK		0408900056WA90C056A	MB3	HGTOT	1DLT	0.20UGL	1.00HGJJW	0MERCURY, TOTAL	MHGTON
LCS		0402900336WA90L0296	LC1	LAS	1B	27.7UGL	1.00AAML	0ARSENIC, LCS	MASLCL
LCS		0402900336WA90L0296	LC1	LAS	1B	92.3PER	1.00AAML	30.0ARSENIC, LCS	MASLCL
LCS		0402900336WA90L0296	LC2	LAS	1B	28.9UGL	1.00AAML	0ARSENIC, LCS	MASLCL
LCS		0402900336WA90L0296	LC2	LAS	1B	96.3PER	1.00AAML	30.0ARSENIC, LCS	MASLCL
MBLK		0402900336WA90L0296	MB1	AS	1BLT	10.0UGL	1.00AAML	0ARSENIC, TOTAL	MASTON
LCS		0405900336WA90L0296	LC1	LPB	1B	32.4UGL	1.00ICCMT	0LEAD, LCS	MPBLCL
LCS		0405900336WA90L0296	LC1	LPB	1B	108PER	1.00ICCMT	30.0LEAD, LCS	MPBLCL
LCS		0405900336WA90L0296	LC2	LPB	1B	32.9UGL	1.00ICCMT	0LEAD, LCS	MPBLCL
LCS		0405900336WA90L0296	LC2	LPB	1B	110PER	1.00ICCMT	30.0LEAD, LCS	MPBLCL
MBLK		0405900336WA90L0296	MB1	PB	1BLT	3.0UGL	1.00AACMT	0LEAD, TOTAL	MPBTON
LCS		0404900336WA90L0296	LC1	LSE	1B	30.4UGL	1.00ICMLR	0SELENIUM, LCS	MSELCL
LCS		0404900336WA90L0296	LC1	LSE	1B	101PER	1.00ICMLR	30.0SELENIUM, LCS	MSELCL
LCS		0404900336WA90L0296	LC2	LSE	1B	31.5UGL	1.00ICMLR	0SELENIUM, LCS	MSELCL
LCS		0404900336WA90L0296	LC2	LSE	1B	105PER	1.00ICMLR	30.0SELENIUM, LCS	MSELCL
MBLK		0404900336WA90L0296	MB1	SE	1BLT	5.0UGL	1.00AAML	0SELENIUM, TOTAL	MSETON
LCS		0402900337WA90L0297	LC1	LAG	2Z	586UGL	1.00ICALM	0SILVER, LCS	MAGLCL
LCS		0402900337WA90L0297	LC1	LAG	2Z	117PER	1.00ICALM	500SILVER, LCS	MAGLCL

LCS	0402900337WA90L0297	LC2	LAG	2Z	568UGL	1.00ICALM	0SILVER, LCS	MAGLCL
LCS	0402900337WA90L0297	LC2	LAG	2Z	114PER	1.00ICALM	500SILVER, LCS	MAGLCL
MBLK	0402900337WA90L0297	MB1	AG	2ZLT	10.0UGL	1.00ICALM	0SILVER, TOTAL	MAGTON
LCS	0402900337WA90L0297	LC1	LBA	2Z	5120UGL	1.00ICALM	0BARIUM, LCS	MBALCL
LCS	0402900337WA90L0297	LC1	LBA	2Z	102PER	1.00ICALM	5000BARIUM, LCS	MBALCL
LCS	0402900337WA90L0297	LC2	LBA	2Z	5100UGL	1.00ICALM	0BARIUM, LCS	MBALCL
LCS	0402900337WA90L0297	LC2	LBA	2Z	102PER	1.00ICALM	5000BARIUM, LCS	MBALCL
MBLK	0402900337WA90L0297	MB1	BA	2ZLT	200UGL	1.00ICALM	0BARIUM, TOTAL	MBATON
LCS	0402900337WA90L0297	LC1	LCD	2Z	312UGL	1.00ICALM	0CADMIUM, LCS	MCDLCL
LCS	0402900337WA90L0297	LC1	LCD	2Z	125PER	1.00ICALM	250CADMIUM, LCS	MCDLCL
LCS	0402900337WA90L0297	LC2	LCD	2Z	296UGL	1.00ICALM	0CADMIUM, LCS	MCDLCL
LCS	0402900337WA90L0297	LC2	LCD	2Z	118PER	1.00ICALM	250CADMIUM, LCS	MCDLCL
MBLK	0402900337WA90L0297	MB1	CD	2ZLT	5.0UGL	1.00ICALM	0CADMIUM, TOTAL	MCDTON
LCS	0402900337WA90L0297	LC1	LCR	2Z	588UGL	1.00ICALM	0CHROMIUM, LCS	MCRLCL
LCS	0402900337WA90L0297	LC1	LCR	2Z	118PER	1.00ICALM	500CHROMIUM, LCS	MCRLCL
LCS	0402900337WA90L0297	LC2	LCR	2Z	581UGL	1.00ICALM	0CHROMIUM, LCS	MCRLCL
LCS	0402900337WA90L0297	LC2	LCR	2Z	116PER	1.00ICALM	500CHROMIUM, LCS	MCRLCL
MBLK	0402900337WA90L0297	MB1	CR	2ZLT	10.0UGL	1.00ICALM	0CHROMIUM, TOTAL	MCRTON
LCS	0518900450WA90L0450	LC1	LAS	1B	5.3MGKG	1.00AAAER	0ARSENIC, LCS	MASLCL
LCS	0518900450WA90L0450	LC1	LAS	1B	88.0PER	1.00AAAER	6.0ARSENIC, LCS	MASLCL
LCS	0518900450WA90L0450	LC2	LAS	1B	5.8MGKG	1.00AAAER	0ARSENIC, LCS	MASLCL
LCS	0518900450WA90L0450	LC2	LAS	1B	97.3PER	1.00AAAER	6.0ARSENIC, LCS	MASLCL
MBLK	0518900450WA90L0450	MB1	AS	1BLT	2.0MGKG	1.00AAAER	0ARSENIC, TOTAL	MASTON
LCS	0518900450WA90L0450	LC1	LPB	1B	5.5MGKG	1.00ICEJS	0LEAD, LCS	MPBLCL
LCS	0518900450WA90L0450	LC1	LPB	1B	91.0PER	1.00ICEJS	6.0LEAD, LCS	MPBLCL
LCS	0518900450WA90L0450	LC2	LPB	1B	5.8MGKG	1.00ICEJS	0LEAD, LCS	MPBLCL
LCS	0518900450WA90L0450	LC2	LPB	1B	96.0PER	1.00ICEJS	6.0LEAD, LCS	MPBLCL
MBLK	0518900450WA90L0450	MB1	PB	1BLT	0.60MGKG	1.00AAEJS	0LEAD, TOTAL	MPBTON
LCS	0518900450WA90L0450	LC1	LSE	1B	7.0MGKG	1.00ICMLR	0SELENIUM, LCS	MSELCL
LCS	0518900450WA90L0450	LC1	LSE	1B	117PER	1.00ICMLR	6.0SELENIUM, LCS	MSELCL
LCS	0518900450WA90L0450	LC2	LSE	1B	7.1MGKG	1.00ICMLR	0SELENIUM, LCS	MSELCL
LCS	0518900450WA90L0450	LC2	LSE	1B	119PER	1.00ICMLR	6.0SELENIUM, LCS	MSELCL
MBLK	0518900450WA90L0450	MB1	SE	1BLT	1.0MGKG	1.00AAMLR	0SELENIUM, TOTAL	MSETON
LCS	0519900451WA90L0451	LC1	LAG	2Z	100MGKG	1.00ICALM	0SILVER, LCS	MAGLCL
LCS	0519900451WA90L0451	LC1	LAG	2Z	100PER	1.00ICALM	100SILVER, LCS	MAGLCL
LCS	0519900451WA90L0451	LC2	LAG	2Z	103MGKG	1.00ICALM	0SILVER, LCS	MAGLCL
LCS	0519900451WA90L0451	LC2	LAG	2Z	103PER	1.00ICALM	100SILVER, LCS	MAGLCL
MBLK	0519900451WA90L0451	MB1	AG	2ZLT	4.0MGKG	1.00ICALM	0SILVER, TOTAL	MAGTON
LCS	0519900451WA90L0451	LC1	LBA	2Z	1020MGKG	1.00ICALM	0BARIUM, LCS	MBALCL
LCS	0519900451WA90L0451	LC1	LBA	2Z	102PER	1.00ICALM	1000BARIUM, LCS	MBALCL
LCS	0519900451WA90L0451	LC2	LBA	2Z	1030MGKG	1.00ICALM	0BARIUM, LCS	MBALCL
LCS	0519900451WA90L0451	LC2	LBA	2Z	103PER	1.00ICALM	1000BARIUM, LCS	MBALCL
MBLK	0519900451WA90L0451	MB1	BA	2ZLT	5.0MGKG	1.00ICALM	0BARIUM, TOTAL	MBATON
LCS	0519900451WA90L0451	LC1	LCD	2Z	46.7MGKG	1.00ICALM	0CADMIUM, LCS	MCDLCL
LCS	0519900451WA90L0451	LC1	LCD	2Z	93.3PER	1.00ICALM	50.0CADMIUM, LCS	MCDLCL
LCS	0519900451WA90L0451	LC2	LCD	2Z	46.5MGKG	1.00ICALM	0CADMIUM, LCS	MCDLCL
LCS	0519900451WA90L0451	LC2	LCD	2Z	93.0PER	1.00ICALM	50.0CADMIUM, LCS	MCDLCL
MBLK	0519900451WA90L0451	MB1	CD	2ZLT	2.0MGKG	1.00ICALM	0CADMIUM, TOTAL	MCDTON

LCS	0519900451WA90L0451	LC1	LCR	2Z	99.9MGKG	1.00ICALM	0CHROMIUM, LCS	MCRLCL
LCS	0519900451WA90L0451	LC1	LCR	2Z	99.9PER	1.00ICALM	100CHROMIUM, LCS	MCRLCL
LCS	0519900451WA90L0451	LC2	LCR	2Z	102MGKG	1.00ICALM	0CHROMIUM, LCS	MCRLCL
LCS	0519900451WA90L0451	LC2	LCR	2Z	102PER	1.00ICALM	100CHROMIUM, LCS	MCRLCL
MBLK	0519900451WA90L0451	MB1	CR	2ZLT	4.0MGKG	1.00ICALM	0CHROMIUM, TOTAL	MCRTON
MBLK	0402900406WA90LE0366	MB1	NBD5	1X	70PER	1.0000MSCDT	1665.000NITROBENZENE-D5	0625HN
MBLK	0402900406WA90LE0366	MB1	2FBP	1X	68PER	1.0000MSCDT	1665.0002-FLUOROBIPHENYL	0625HN
MBLK	0402900406WA90LE0366	MB1	PTERP	1X	84PER	1.0000MSCDT	1665.000P-TERPHENYL-D14	0625HN
MBLK	0402900406WA90LE0366	MB1	PHEND51X		71PER	1.0000MSCDT	3330.000PHENOL-D5	0625HN
MBLK	0402900406WA90LE0366	MB1	2FP	1X	67PER	1.0000MSCDT	3330.0002-FLUOROPHENOL	0625HN
MBLK	0402900406WA90LE0366	MB1	246TBP1X		60PER	1.0000MSCDT	3330.0002,4,6-TRIBROMOPHENOL	0625HN
MBLK	0402900406WA90LE0366	MB1	PHENOL1XLT		330UGKG	1.0000MSCDT	0PHENOL	0625HN
MBLK	0402900406WA90LE0366	MB1	B2CEE	1XLT	330UGKG	1.0000MSCDT	0BIS (2-CHLOROETHYL) ET	0625HN
MBLK	0402900406WA90LE0366	MB1	2CLP	1XLT	330UGKG	1.0000MSCDT	02-CHLOROPHENOL	0625HN
MBLK	0402900406WA90LE0366	MB1	13DCLB1XLT		330UGKG	1.0000MSCDT	01,3-DICHLOROBENZENE	0625HN
MBLK	0402900406WA90LE0366	MB1	14DCLB1XLT		330UGKG	1.0000MSCDT	01,4-DICHLOROBENZENE	0625HN
MBLK	0402900406WA90LE0366	MB1	BZALC	1XLT	330UGKG	1.0000MSCDT	0BENZYL ALCOHOL	0625HN
MBLK	0402900406WA90LE0366	MB1	12DCLB1XLT		330UGKG	1.0000MSCDT	01,2-DICHLOROBENZENE	0625HN
MBLK	0402900406WA90LE0366	MB1	2MP	1XLT	330UGKG	1.0000MSCDT	02-METHYLPHENOL	0625HN
MBLK	0402900406WA90LE0366	MB1	B2CIPE1XLT		330UGKG	1.0000MSCDT	0BIS (2-CHLOROISOPROPY	0625HN
MBLK	0402900406WA90LE0366	MB1	4MP	1XLT	330UGKG	1.0000MSCDT	04-METHYLPHENOL	0625HN
MBLK	0402900406WA90LE0366	MB1	NDNPA	1XLT	330UGKG	1.0000MSCDT	0N-NITROSO-DI-N-PROPY	0625HN
MBLK	0402900406WA90LE0366	MB1	CL6ET	1XLT	330UGKG	1.0000MSCDT	0HEXACHLOROETHANE	0625HN
MBLK	0402900406WA90LE0366	MB1	NB	1XLT	330UGKG	1.0000MSCDT	0NITROBENZENE	0625HN
MBLK	0402900406WA90LE0366	MB1	ISOPHR1XLT		330UGKG	1.0000MSCDT	0ISOPHORONE	0625HN
MBLK	0402900406WA90LE0366	MB1	2NP	1XLT	330UGKG	1.0000MSCDT	02-NITROPHENOL	0625HN
MBLK	0402900406WA90LE0366	MB1	24DMPN1XLT		330UGKG	1.0000MSCDT	02,4-DIMETHYLPHENOL	0625HN
MBLK	0402900406WA90LE0366	MB1	BENZO1XLT		1700UGKG	1.0000MSCDT	0BENZOIC ACID	0625HN
MBLK	0402900406WA90LE0366	MB1	B2CEXM1XLT		330UGKG	1.0000MSCDT	0BIS (2-CHLOROETHOXY) M	0625HN
MBLK	0402900406WA90LE0366	MB1	24DCLP1XLT		330UGKG	1.0000MSCDT	02,4-DICHLOROPHENOL	0625HN
MBLK	0402900406WA90LE0366	MB1	124TCB1XLT		330UGKG	1.0000MSCDT	01,2,4-TRICHLOROBENZEO	0625HN
MBLK	0402900406WA90LE0366	MB1	NAP	1XLT	330UGKG	1.0000MSCDT	0NAPHTHALENE	0625HN
MBLK	0402900406WA90LE0366	MB1	4CANIL1XLT		330UGKG	1.0000MSCDT	04-CHLOROANILINE	0625HN
MBLK	0402900406WA90LE0366	MB1	HCB	1XLT	330UGKG	1.0000MSCDT	0HEXACHLOROBUTADIENE	0625HN
MBLK	0402900406WA90LE0366	MB1	4CL3C	1XLT	330UGKG	1.0000MSCDT	04-CHLORO-3-METHYLPHEO	0625HN
MBLK	0402900406WA90LE0366	MB1	2MENAP1XLT		330UGKG	1.0000MSCDT	02-METHYLNAPHTHALENE	0625HN
MBLK	0402900406WA90LE0366	MB1	CL6CP	1XLT	330UGKG	1.0000MSCDT	0HEXACHLOROCYCLOPENTA	0625HN
MBLK	0402900406WA90LE0366	MB1	246TCP1XLT		330UGKG	1.0000MSCDT	02,4,6-TRICHLOROPHENOO	0625HN
MBLK	0402900406WA90LE0366	MB1	245TCP1XLT		1700UGKG	1.0000MSCDT	02,4,5-TRICHLOROPHENOO	0625HN
MBLK	0402900406WA90LE0366	MB1	2CNAP	1XLT	330UGKG	1.0000MSCDT	02-CHLORONAPHTHALENE	0625HN
MBLK	0402900406WA90LE0366	MB1	2NANIL1XLT		1700UGKG	1.0000MSCDT	02-NITROANILINE	0625HN
MBLK	0402900406WA90LE0366	MB1	DMP	1XLT	330UGKG	1.0000MSCDT	0DIMETHYLPHTHALATE	0625HN
MBLK	0402900406WA90LE0366	MB1	ANAPYL1XLT		330UGKG	1.0000MSCDT	0ACENAPHTHYLENE	0625HN
MBLK	0402900406WA90LE0366	MB1	26DNT	1XLT	330UGKG	1.0000MSCDT	02,6-DINITROTOLUENE	0625HN
MBLK	0402900406WA90LE0366	MB1	3NANIL1XLT		1700UGKG	1.0000MSCDT	03-NITROANILINE	0625HN
MBLK	0402900406WA90LE0366	MB1	ANAPNE1XLT		330UGKG	1.0000MSCDT	0ACENAPHTHENE	0625HN
MBLK	0402900406WA90LE0366	MB1	24DNP	1XLT	1700UGKG	1.0000MSCDT	02,4-DINITROPHENOL	0625HN
MBLK	0402900406WA90LE0366	MB1	4NP	1XLT	1700UGKG	1.0000MSCDT	04-NITROPHENOL	0625HN

MBLK	0402900406WA90LE0366	MB1 DIBZFU1XLT	330UGKG	1.0000MSCDT	0DIBENZOFURAN	O625HN
MBLK	0402900406WA90LE0366	MB1 24DNT 1XLT	330UGKG	1.0000MSCDT	02,4-DINITROTOLUENE	O625HN
MBLK	0402900406WA90LE0366	MB1 DEP 1XLT	330UGKG	1.0000MSCDT	0DIETHYLPHTHALATE	O625HN
MBLK	0402900406WA90LE0366	MB1 4CLPPE1XLT	330UGKG	1.0000MSCDT	04-CHLOROPHENYL-PHENYLO	0625HN
MBLK	0402900406WA90LE0366	MB1 FLRENE1XLT	330UGKG	1.0000MSCDT	0FLUORENE	O625HN
MBLK	0402900406WA90LE0366	MB1 4NANIL1XLT	1700UGKG	1.0000MSCDT	04-NITROANILINE	O625HN
MBLK	0402900406WA90LE0366	MB1 46DN2C1XLT	1700UGKG	1.0000MSCDT	04,6-DINITRO-2-METHYLO	0625HN
MBLK	0402900406WA90LE0366	MB1 NNDPA 1XLT	330UGKG	1.0000MSCDT	0N-NITROSODIPHENYLAMIO	0625HN
MBLK	0402900406WA90LE0366	MB1 4BRPPE1XLT	330UGKG	1.0000MSCDT	04-BROMOPHENYL-PHENYLO	0625HN
MBLK	0402900406WA90LE0366	MB1 CL6BZ 1XLT	330UGKG	1.0000MSCDT	0HEXACHLORO BENZENE	O625HN
MBLK	0402900406WA90LE0366	MB1 PCP 1XLT	1700UGKG	1.0000MSCDT	0PENTACHLOROPHENOL	O625HN
MBLK	0402900406WA90LE0366	MB1 PHANTR1XLT	330UGKG	1.0000MSCDT	0PHENANTHRENE	O625HN
MBLK	0402900406WA90LE0366	MB1 ANTRC 1XLT	330UGKG	1.0000MSCDT	0ANTHRACENE	O625HN
MBLK	0402900406WA90LE0366	MB1 DNBP 1XLT	330UGKG	1.0000MSCDT	0DI-N-BUTYLPHTHALATE	O625HN
MBLK	0402900406WA90LE0366	MB1 FANT 1XLT	330UGKG	1.0000MSCDT	0FLUORANTHENE	O625HN
MBLK	0402900406WA90LE0366	MB1 PYR 1XLT	330UGKG	1.0000MSCDT	0PYRENE	O625HN
MBLK	0402900406WA90LE0366	MB1 BBZP 1XLT	330UGKG	1.0000MSCDT	0BUTYLBENZYLPHTHALATEO	0625HN
MBLK	0402900406WA90LE0366	MB1 33CL2B1XLT	670UGKG	1.0000MSCDT	03,3'-DICHLORO BENZIDIO	0625HN
MBLK	0402900406WA90LE0366	MB1 BAANTR1XLT	330UGKG	1.0000MSCDT	0BENZO (A) ANTHRACENE	O625HN
MBLK	0402900406WA90LE0366	MB1 CHRY 1XLT	330UGKG	1.0000MSCDT	0CHRYSENE	O625HN
MBLK	0402900406WA90LE0366	MB1 B2EHP 1XLT	330UGKG	1.0000MSCDT	0BIS (2-ETHYLHEXYL) PHTO	0625HN
MBLK	0402900406WA90LE0366	MB1 DNOP 1XLT	330UGKG	1.0000MSCDT	0DI-N-OCTYL PHTHALATEO	0625HN
MBLK	0402900406WA90LE0366	MB1 BF2ANT1XLT	330UGKG	1.0000MSCDT	0BENZO (B) FLUORANTHENE	0625HN
MBLK	0402900406WA90LE0366	MB1 BKFANT1XLT	330UGKG	1.0000MSCDT	0BENZO (K) FLUORANTHENE	0625HN
MBLK	0402900406WA90LE0366	MB1 BAPYR 1XLT	330UGKG	1.0000MSCDT	0BENZO (A) PYRENE	O625HN
MBLK	0402900406WA90LE0366	MB1 ICDPYR1XLT	330UGKG	1.0000MSCDT	0INDENO (1,2,3-CD) PYRE	0625HN
MBLK	0402900406WA90LE0366	MB1 DBAHA 1XLT	330UGKG	1.0000MSCDT	0DIBENZO (A, H) ANTHRACE	0625HN
MBLK	0402900406WA90LE0366	MB1 BGHIPY1XLT	330UGKG	1.0000MSCDT	0BENZO (G, H, I) PERYLENE	0625HN
SBLK	0402900406WA90LE0366	MB1SNBD5 1X	70PER	1.0000MSDAR	1665.000NITROBENZENE-D5	O625HS
SBLK	0402900406WA90LE0366	MB1S2FBP 1X	82PER	1.0000MSDAR	1665.0002-FLUOROBIPHENYL	O625HS
SBLK	0402900406WA90LE0366	MB1SPTERP 1X	81PER	1.0000MSDAR	1665.000P-TERPHENYL-D14	O625HS
SBLK	0402900406WA90LE0366	MB1SPHEND51X	89PER	1.0000MSDAR	3330.000PHENOL-D5	O625HS
SBLK	0402900406WA90LE0366	MB1S2FP 1X	94PER	1.0000MSDAR	3330.0002-FLUOROPHENOL	O625HS
SBLK	0402900406WA90LE0366	MB1S246TBP1X	73PER	1.0000MSDAR	3330.0002,4,6-TRIBROMOPHENOLO	0625HS
SBLK	0402900406WA90LE0366	MB1SPHENOL1X	97PER	1.0000MSDAR	3330.000PHENOL	O625HS
SBLK	0402900406WA90LE0366	MB1SB2CEE 1XLT	330UGKG	1.0000MSDAR	0BIS (2-CHLOROETHYL) ETO	0625HS
SBLK	0402900406WA90LE0366	MB1S2CLP 1X	86PER	1.0000MSDAR	3330.0002-CHLOROPHENOL	O625HS
SBLK	0402900406WA90LE0366	MB1S13DCLB1XLT	330UGKG	1.0000MSDAR	01,3-DICHLORO BENZENE	O625HS
SBLK	0402900406WA90LE0366	MB1S14DCLB1X	73PER	1.0000MSDAR	1665.0001,4-DICHLORO BENZENE	O625HS
SBLK	0402900406WA90LE0366	MB1SBZALC 1XLT	330UGKG	1.0000MSDAR	0BENZYL ALCOHOL	O625HS
SBLK	0402900406WA90LE0366	MB1S12DCLB1XLT	330UGKG	1.0000MSDAR	01,2-DICHLORO BENZENE	O625HS
SBLK	0402900406WA90LE0366	MB1S2MP 1XLT	330UGKG	1.0000MSDAR	02-METHYLPHENOL	O625HS
SBLK	0402900406WA90LE0366	MB1SB2CIPE1XLT	330UGKG	1.0000MSDAR	0BIS (2-CHLOROISOPROPYLO	0625HS
SBLK	0402900406WA90LE0366	MB1S4MP 1XLT	330UGKG	1.0000MSDAR	04-METHYLPHENOL	O625HS
SBLK	0402900406WA90LE0366	MB1SNDNPA 1X	90PER	1.0000MSDAR	1665.000N-NITROSO-DI-N-PROPYO	0625HS
SBLK	0402900406WA90LE0366	MB1SCL6ET 1XLT	330UGKG	1.0000MSDAR	0HEXACHLOROETHANE	O625HS
SBLK	0402900406WA90LE0366	MB1SNB 1XLT	330UGKG	1.0000MSDAR	0NITROBENZENE	O625HS
SBLK	0402900406WA90LE0366	MB1SISOPHR1XLT	330UGKG	1.0000MSDAR	0ISOPHORONE	O625HS

SBLK	0402900406WA90LE0366	MB1S2NP 1XLT	330UGKG	1.0000MSDAR	02-NITROPHENOL	0625HS
SBLK	0402900406WA90LE0366	MB1S24DMPN1XLT	330UGKG	1.0000MSDAR	02,4-DIMETHYLPHENOL	0625HS
SBLK	0402900406WA90LE0366	MB1SBENZO1XLT	1700UGKG	1.0000MSDAR	0BENZOIC ACID	0625HS
SBLK	0402900406WA90LE0366	MB1SB2CEXM1XLT	330UGKG	1.0000MSDAR	0BIS (2-CHLOROETHOXY)MO	0625HS
SBLK	0402900406WA90LE0366	MB1S24DCLP1XLT	330UGKG	1.0000MSDAR	02,4-DICHLOROPHENOL	0625HS
SBLK	0402900406WA90LE0366	MB1S124TCB1X	78PER	1.0000MSDAR	1665.0001,2,4-TRICHLOROBENZEO	0625HS
SBLK	0402900406WA90LE0366	MB1SNAP 1XLT	330UGKG	1.0000MSDAR	0NAPHTHALENE	0625HS
SBLK	0402900406WA90LE0366	MB1S4CANIL1XLT	330UGKG	1.0000MSDAR	04-CHLOROANILINE	0625HS
SBLK	0402900406WA90LE0366	MB1SHCBD 1XLT	330UGKG	1.0000MSDAR	0HEXACHLOROBUTADIENE	0625HS
SBLK	0402900406WA90LE0366	MB1S4CL3C 1X	87PER	1.0000MSDAR	3330.0004-CHLORO-3-METHYLPHEO	0625HS
SBLK	0402900406WA90LE0366	MB1S2MENAP1XLT	330UGKG	1.0000MSDAR	02-METHYLNAPHTHALENE	0625HS
SBLK	0402900406WA90LE0366	MB1SCL6CP 1XLT	330UGKG	1.0000MSDAR	0HEXACHLOROCYCLOPENTAO	0625HS
SBLK	0402900406WA90LE0366	MB1S246TCP1XLT	330UGKG	1.0000MSDAR	02,4,6-TRICHLOROPHENOO	0625HS
SBLK	0402900406WA90LE0366	MB1S245TCP1XLT	1700UGKG	1.0000MSDAR	02,4,5-TRICHLOROPHENOO	0625HS
SBLK	0402900406WA90LE0366	MB1S2CNAP 1XLT	330UGKG	1.0000MSDAR	02-CHLORONAPHTHALENE	0625HS
SBLK	0402900406WA90LE0366	MB1S2NANIL1XLT	1700UGKG	1.0000MSDAR	02-NITROANILINE	0625HS
SBLK	0402900406WA90LE0366	MB1SDMP 1XLT	330UGKG	1.0000MSDAR	0DIMETHYLPHTHALATE	0625HS
SBLK	0402900406WA90LE0366	MB1SANAPYL1XLT	330UGKG	1.0000MSDAR	0ACENAPHTHYLENE	0625HS
SBLK	0402900406WA90LE0366	MB1S26DNT 1XLT	330UGKG	1.0000MSDAR	02,6-DINITROTOLUENE	0625HS
SBLK	0402900406WA90LE0366	MB1S3NANIL1XLT	1700UGKG	1.0000MSDAR	03-NITROANILINE	0625HS
SBLK	0402900406WA90LE0366	MB1SANAPNE1X	87PER	1.0000MSDAR	1665.000ACENAPHTHENE	0625HS
SBLK	0402900406WA90LE0366	MB1S24DNP 1XLT	1700UGKG	1.0000MSDAR	02,4-DINITROPHENOL	0625HS
SBLK	0402900406WA90LE0366	MB1S4NP 1X	85PER	1.0000MSDAR	3330.0004-NITROPHENOL	0625HS
SBLK	0402900406WA90LE0366	MB1SDIBZFULXLT	330UGKG	1.0000MSDAR	0DIBENZOFURAN	0625HS
SBLK	0402900406WA90LE0366	MB1S24DNT 1X	77PER	1.0000MSDAR	1665.0002,4-DINITROTOLUENE	0625HS
SBLK	0402900406WA90LE0366	MB1SDEP 1XLT	330UGKG	1.0000MSDAR	0DIETHYLPHTHALATE	0625HS
SBLK	0402900406WA90LE0366	MB1S4CLPPE1XLT	330UGKG	1.0000MSDAR	04-CHLOROPHENYL-PHENYO	0625HS
SBLK	0402900406WA90LE0366	MB1SFLRENE1XLT	330UGKG	1.0000MSDAR	0FLUORENE	0625HS
SBLK	0402900406WA90LE0366	MB1S4NANIL1XLT	1700UGKG	1.0000MSDAR	04-NITROANILINE	0625HS
SBLK	0402900406WA90LE0366	MB1S46DN2C1XLT	1700UGKG	1.0000MSDAR	04,6-DINITRO-2-METHYLO	0625HS
SBLK	0402900406WA90LE0366	MB1SNNDPA 1XLT	330UGKG	1.0000MSDAR	0N-NITROSODIPHENYLAMIO	0625HS
SBLK	0402900406WA90LE0366	MB1S4BRPPE1XLT	330UGKG	1.0000MSDAR	04-BROMOPHENYL-PHENYLO	0625HS
SBLK	0402900406WA90LE0366	MB1SCL6BZ 1XLT	330UGKG	1.0000MSDAR	0HEXACHLOROBENZENE	0625HS
SBLK	0402900406WA90LE0366	MB1SPCP 1X	90PER	1.0000MSDAR	3330.000PENTACHLOROPHENOL	0625HS
SBLK	0402900406WA90LE0366	MB1SPHANTR1XLT	330UGKG	1.0000MSDAR	0PHENANTHRENE	0625HS
SBLK	0402900406WA90LE0366	MB1SANTRC 1XLT	330UGKG	1.0000MSDAR	0ANTHRACENE	0625HS
SBLK	0402900406WA90LE0366	MB1SDNBP 1XLT	330UGKG	1.0000MSDAR	0DI-N-BUTYLPHTHALATE	0625HS
SBLK	0402900406WA90LE0366	MB1SFANT 1XLT	330UGKG	1.0000MSDAR	0FLUORANTHENE	0625HS
SBLK	0402900406WA90LE0366	MB1SPYR 1X	83PER	1.0000MSDAR	1665.000PYRENE	0625HS
SBLK	0402900406WA90LE0366	MB1SBBZP 1XLT	330UGKG	1.0000MSDAR	0BUTYLBENZYLPHTHALATEO	0625HS
SBLK	0402900406WA90LE0366	MB1S33CL2B1XLT	670UGKG	1.0000MSDAR	03,3'-DICHLOROBENZIDIO	0625HS
SBLK	0402900406WA90LE0366	MB1SBAANTR1XLT	330UGKG	1.0000MSDAR	0BENZO (A) ANTHRACENE	0625HS
SBLK	0402900406WA90LE0366	MB1SCHRY 1XLT	330UGKG	1.0000MSDAR	0CHRYSENE	0625HS
SBLK	0402900406WA90LE0366	MB1SB2EHP 1XLT	330UGKG	1.0000MSDAR	0BIS (2-ETHYLHEXYL) PHTO	0625HS
SBLK	0402900406WA90LE0366	MB1SDNOP 1XLT	330UGKG	1.0000MSDAR	0DI-N-OCTYL PHTHALATEO	0625HS
SBLK	0402900406WA90LE0366	MB1SBF2ANT1XLT	330UGKG	1.0000MSDAR	0BENZO (B) FLUORANTHENE	0625HS
SBLK	0402900406WA90LE0366	MB1SBKFANT1XLT	330UGKG	1.0000MSDAR	0BENZO (K) FLUORANTHENE	0625HS
SBLK	0402900406WA90LE0366	MB1SBAPYR 1XLT	330UGKG	1.0000MSDAR	0BENZO (A) PYRENE	0625HS

SBLK	0402900406WA90LE0366	MB1SICDPYR1XLT	330UGKG	1.0000MSDAR	0INDENO (1,2,3-CD) PYREO625HS
SBLK	0402900406WA90LE0366	MB1SDBAHA 1XLT	330UGKG	1.0000MSDAR	0DIBENZO (A,H) ANTHRACEO625HS
SBLK	0402900406WA90LE0366	MB1SBGHIPY1XLT	330UGKG	1.0000MSDAR	0BENZO (G,H,I) PERYLENEO625HS
MBLK	0403900003WA90LTZ003	MB1 TOC 9ILT	20.0MGKG	10DODKS	0TOTAL ORGANIC CARBONIOCT N
SBLK	0403900003WA90LTZ003	MB1STOC 9I	98.0PER	10DODKS	400TOTAL ORGANIC CARBONIOCT S
SBLK	0403900003WA90LTZ003	MB1TTOC 9I	98.5PER	10DODKS	400TOTAL ORGANIC CARBONIOCT T
MBLK	0403900003WA90LTZ003	MB2 TOC 9ILT	20.0MGKG	10DODKS	0TOTAL ORGANIC CARBONIOCT N
SBLK	0403900003WA90LTZ003	MB2STOC 9I	99.0PER	10DODKS	400TOTAL ORGANIC CARBONIOCT S
MBLK	0329900043WA90LVB043	MB1 MEC6D82J	102PER	1.0000MSMAZ	50.000TOLUENE-D8 0624HN
MBLK	0329900043WA90LVB043	MB1 PBFB 2J	109PER	1.0000MSMAZ	50.000BROMOFLUOROBENZENE 0624HN
MBLK	0329900043WA90LVB043	MB1 12DCD42J	77PER	1.0000MSMAZ	50.0001,2-DICHLOROETHANE-DO624HN
MBLK	0329900043WA90LVB043	MB1 CH3CL 2JLT	10UGL	1.0000MSMAZ	0CHLOROMETHANE 0624HN
MBLK	0329900043WA90LVB043	MB1 CH3BR 2JLT	10UGL	1.0000MSMAZ	0BROMOMETHANE 0624HN
MBLK	0329900043WA90LVB043	MB1 C2H3CL2JLT	10UGL	1.0000MSMAZ	0VINYL CHLORIDE 0624HN
MBLK	0329900043WA90LVB043	MB1 C2H5CL2JLT	10UGL	1.0000MSMAZ	0CHLOROETHANE 0624HN
MBLK	0329900043WA90LVB043	MB1 CH2CL22JLT	5UGL	1.0000MSMAZ	0METHYLENE CHLORIDE 0624HN
MBLK	0329900043WA90LVB043	MB1 ACET 2JLT	10UGL	1.0000MSMAZ	0ACETONE 0624HN
MBLK	0329900043WA90LVB043	MB1 CS2 2JLT	5UGL	1.0000MSMAZ	0CARBON DISULFIDE 0624HN
MBLK	0329900043WA90LVB043	MB1 11DCE 2JLT	5UGL	1.0000MSMAZ	01,1-DICHLOROETHENE 0624HN
MBLK	0329900043WA90LVB043	MB1 11DCE2JLT	5UGL	1.0000MSMAZ	01,1-DICHLOROETHANE 0624HN
MBLK	0329900043WA90LVB043	MB1 T12DCE2JLT	5UGL	1.0000MSMAZ	01,2-DICHLOROETHENE (0624HN
MBLK	0329900043WA90LVB043	MB1 CHCL3 2JLT	5UGL	1.0000MSMAZ	0CHLOROFORM 0624HN
MBLK	0329900043WA90LVB043	MB1 12DCE2JLT	5UGL	1.0000MSMAZ	01,2-DICHLOROETHANE 0624HN
MBLK	0329900043WA90LVB043	MB1 MEK 2JLT	10UGL	1.0000MSMAZ	02-BUTANONE 0624HN
MBLK	0329900043WA90LVB043	MB1 111TCE2JLT	5UGL	1.0000MSMAZ	01,1,1-TRICHLOROETHANO624HN
MBLK	0329900043WA90LVB043	MB1 CCL4 2JLT	5UGL	1.0000MSMAZ	0CARBON TETRACHLORIDEO624HN
MBLK	0329900043WA90LVB043	MB1 VINYL2JLT	10UGL	1.0000MSMAZ	0VINYL ACETATE 0624HN
MBLK	0329900043WA90LVB043	MB1 BRDCLM2JLT	5UGL	1.0000MSMAZ	0BROMODICHLOROMETHANEO624HN
MBLK	0329900043WA90LVB043	MB1 12DCLP2JLT	5UGL	1.0000MSMAZ	01,2-DICHLOROPROPANE 0624HN
MBLK	0329900043WA90LVB043	MB1 13DCPC2JLT	5UGL	1.0000MSMAZ	0CIS-1,3-DICHLOROPROPO624HN
MBLK	0329900043WA90LVB043	MB1 TRCLE 2JLT	5UGL	1.0000MSMAZ	0TRICHLOROETHENE 0624HN
MBLK	0329900043WA90LVB043	MB1 DBRCLM2JLT	5UGL	1.0000MSMAZ	0DIBROMOCHLOROMETHANEO624HN
MBLK	0329900043WA90LVB043	MB1 112TCE2JLT	5UGL	1.0000MSMAZ	01,1,2-TRICHLOROETHANO624HN
MBLK	0329900043WA90LVB043	MB1 C6H6 2JLT	5UGL	1.0000MSMAZ	0BENZENE 0624HN
MBLK	0329900043WA90LVB043	MB1 T13DCP2JLT	5UGL	1.0000MSMAZ	0TRANS-1,3-DICHLOROPRO624HN
MBLK	0329900043WA90LVB043	MB1 CHBR3 2JLT	5UGL	1.0000MSMAZ	0BROMOFORM 0624HN
MBLK	0329900043WA90LVB043	MB1 4ME2PE2JLT	10UGL	1.0000MSMAZ	04-METHYL-2-PENTANONEO624HN
MBLK	0329900043WA90LVB043	MB1 2HXONE2JLT	10UGL	1.0000MSMAZ	02-HEXANONE 0624HN
MBLK	0329900043WA90LVB043	MB1 TCLEE 2JLT	5UGL	1.0000MSMAZ	0TETRACHLOROETHENE 0624HN
MBLK	0329900043WA90LVB043	MB1 TCLEA 2JLT	5UGL	1.0000MSMAZ	01,1,2,2-TETRACHLOROEO624HN
MBLK	0329900043WA90LVB043	MB1 MEC6H52JLT	5UGL	1.0000MSMAZ	0TOLUENE 0624HN
MBLK	0329900043WA90LVB043	MB1 CLC6H52JLT	5UGL	1.0000MSMAZ	0CHLOROBENZENE 0624HN
MBLK	0329900043WA90LVB043	MB1 ETC6H52JLT	5UGL	1.0000MSMAZ	0ETHYLBENZENE 0624HN
MBLK	0329900043WA90LVB043	MB1 STYR 2JLT	5UGL	1.0000MSMAZ	0STYRENE 0624HN
MBLK	0329900043WA90LVB043	MB1 XYLEN 2JLT	5UGL	1.0000MSMAZ	0XYLENE (TOTAL) 0624HN
MBLK	0327900051WA90LVW051	MB1 MEC6D82J	92PER	1.0000MSJBD	50.000TOLUENE-D8 0624HN
MBLK	0327900051WA90LVW051	MB1 PBFB 2J	93PER	1.0000MSJBD	50.000BROMOFLUOROBENZENE 0624HN
MBLK	0327900051WA90LVW051	MB1 12DCD42J	84PER	1.0000MSJBD	50.0001,2-DICHLOROETHANE 0624HN

MBLK	0327900051WA90LVW051	MB1	CH3CL	2JLT	10UGKG	1.0000MSJBD	0CHLOROMETHANE	0624HN
MBLK	0327900051WA90LVW051	MB1	CH3BR	2JLT	10UGKG	1.0000MSJBD	0BROMOMETHANE	0624HN
MBLK	0327900051WA90LVW051	MB1	C2H3CL	2JLT	10UGKG	1.0000MSJBD	0VINYL CHLORIDE	0624HN
MBLK	0327900051WA90LVW051	MB1	C2H5CL	2JLT	10UGKG	1.0000MSJBD	0CHLOROETHANE	0624HN
MBLK	0327900051WA90LVW051	MB1	CH2CL	22J	7UGKG	1.0000MSJBD	0METHYLENE CHLORIDE	0624HN
MBLK	0327900051WA90LVW051	MB1	ACET	2JLT	10UGKG	1.0000MSJBD	0ACETONE	0624HN
MBLK	0327900051WA90LVW051	MB1	CS2	2JLT	5UGKG	1.0000MSJBD	0CARBON DISULFIDE	0624HN
MBLK	0327900051WA90LVW051	MB1	11DCE	2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHENE	0624HN
MBLK	0327900051WA90LVW051	MB1	11DCLE	2JLT	5UGKG	1.0000MSJBD	01,1-DICHLOROETHANE	0624HN
MBLK	0327900051WA90LVW051	MB1	T12DCE	2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHENE	0624HN
MBLK	0327900051WA90LVW051	MB1	CHCL3	2JLT	5UGKG	1.0000MSJBD	0CHLOROFORM	0624HN
MBLK	0327900051WA90LVW051	MB1	12DCLE	2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROETHANE	0624HN
MBLK	0327900051WA90LVW051	MB1	MEK	2JLT	10UGKG	1.0000MSJBD	02-BUTANONE	0624HN
MBLK	0327900051WA90LVW051	MB1	111TCE	2JLT	5UGKG	1.0000MSJBD	01,1,1-TRICHLOROETHANE	0624HN
MBLK	0327900051WA90LVW051	MB1	CCL4	2JLT	5UGKG	1.0000MSJBD	0CARBON TETRACHLORIDE	0624HN
MBLK	0327900051WA90LVW051	MB1	VINYLA	2JLT	10UGKG	1.0000MSJBD	0VINYL ACETATE	0624HN
MBLK	0327900051WA90LVW051	MB1	BRDCLM	2JLT	5UGKG	1.0000MSJBD	0BROMODICHLOROMETHANE	0624HN
MBLK	0327900051WA90LVW051	MB1	12DCLP	2JLT	5UGKG	1.0000MSJBD	01,2-DICHLOROPROPANE	0624HN
MBLK	0327900051WA90LVW051	MB1	13DCPC	2JLT	5UGKG	1.0000MSJBD	0CIS-1,3-DICHLOROPROPANE	0624HN
MBLK	0327900051WA90LVW051	MB1	TRCLE	2JLT	5UGKG	1.0000MSJBD	0TRICHLOROETHENE	0624HN
MBLK	0327900051WA90LVW051	MB1	DBRCLM	2JLT	5UGKG	1.0000MSJBD	0DIBROMOCHLOROMETHANE	0624HN
MBLK	0327900051WA90LVW051	MB1	112TCE	2JLT	5UGKG	1.0000MSJBD	01,1,2-TRICHLOROETHANE	0624HN
MBLK	0327900051WA90LVW051	MB1	C6H6	2JLT	5UGKG	1.0000MSJBD	0BENZENE	0624HN
MBLK	0327900051WA90LVW051	MB1	T13DCP	2JLT	5UGKG	1.0000MSJBD	0TRANS-1,3-DICHLOROPROPANE	0624HN
MBLK	0327900051WA90LVW051	MB1	CHBR3	2JLT	5UGKG	1.0000MSJBD	0BROMOFORM	0624HN
MBLK	0327900051WA90LVW051	MB1	4ME2PE	2JLT	10UGKG	1.0000MSJBD	04-METHYL-2-PENTANONE	0624HN
MBLK	0327900051WA90LVW051	MB1	2HXONE	2JLT	10UGKG	1.0000MSJBD	02-HEXANONE	0624HN
MBLK	0327900051WA90LVW051	MB1	TCLEE	2JLT	5UGKG	1.0000MSJBD	0TETRACHLOROETHENE	0624HN
MBLK	0327900051WA90LVW051	MB1	TCLEA	2JLT	5UGKG	1.0000MSJBD	01,1,2,2-TETRACHLOROETHANE	0624HN
MBLK	0327900051WA90LVW051	MB1	MEC6H5	2JLT	5UGKG	1.0000MSJBD	0TOLUENE	0624HN
MBLK	0327900051WA90LVW051	MB1	CLC6H5	2JLT	5UGKG	1.0000MSJBD	0CHLOROBENZENE	0624HN
MBLK	0327900051WA90LVW051	MB1	ETC6H5	2JLT	5UGKG	1.0000MSJBD	0ETHYLBENZENE	0624HN
MBLK	0327900051WA90LVW051	MB1	STYR	2JLT	5UGKG	1.0000MSJBD	0STYRENE	0624HN
MBLK	0327900051WA90LVW051	MB1	XYLEN	2JLT	5UGKG	1.0000MSJBD	0XYLENE (TOTAL)	0624HN
MBLK	0330900054WA90LVW054	MB1	MEC6D8	2J	96PER	1.0000MSBLB	50.000TOLUENE-D8	0624HN
MBLK	0330900054WA90LVW054	MB1	PBFB	2J	100PER	1.0000MSBLB	50.000BROMOFLUOROBENZENE	0624HN
MBLK	0330900054WA90LVW054	MB1	12DCD	42J	94PER	1.0000MSBLB	50.0001,2-DICHLOROETHANE-D0	0624HN
MBLK	0330900054WA90LVW054	MB1	CH3CL	2JLT	10UGKG	1.0000MSBLB	0CHLOROMETHANE	0624HN
MBLK	0330900054WA90LVW054	MB1	CH3BR	2JLT	10UGKG	1.0000MSBLB	0BROMOMETHANE	0624HN
MBLK	0330900054WA90LVW054	MB1	C2H3CL	2JLT	10UGKG	1.0000MSBLB	0VINYL CHLORIDE	0624HN
MBLK	0330900054WA90LVW054	MB1	C2H5CL	2JLT	10UGKG	1.0000MSBLB	0CHLOROETHANE	0624HN
MBLK	0330900054WA90LVW054	MB1	CH2CL	22JLT	5UGKG	1.0000MSBLB	0METHYLENE CHLORIDE	0624HN
MBLK	0330900054WA90LVW054	MB1	ACET	2JLT	10UGKG	1.0000MSBLB	0ACETONE	0624HN
MBLK	0330900054WA90LVW054	MB1	CS2	2JLT	5UGKG	1.0000MSBLB	0CARBON DISULFIDE	0624HN
MBLK	0330900054WA90LVW054	MB1	11DCE	2JLT	5UGKG	1.0000MSBLB	01,1-DICHLOROETHENE	0624HN
MBLK	0330900054WA90LVW054	MB1	11DCLE	2JLT	5UGKG	1.0000MSBLB	01,1-DICHLOROETHANE	0624HN
MBLK	0330900054WA90LVW054	MB1	T12DCE	2JLT	5UGKG	1.0000MSBLB	01,2-DICHLOROETHENE	0624HN
MBLK	0330900054WA90LVW054	MB1	CHCL3	2JLT	5UGKG	1.0000MSBLB	0CHLOROFORM	0624HN

MBLK	0330900054WA90LVW054	MB1	12DCLE2JLT	5UGKG	1.0000MSBLB	01,2-DICHLOROETHANE	0624HN
MBLK	0330900054WA90LVW054	MB1	MEK 2JLT	10UGKG	1.0000MSBLB	02-BUTANONE	0624HN
MBLK	0330900054WA90LVW054	MB1	111TCE2JLT	5UGKG	1.0000MSBLB	01,1,1-TRICHLOROETHANO	0624HN
MBLK	0330900054WA90LVW054	MB1	CCL4 2JLT	5UGKG	1.0000MSBLB	0CARBON TETRACHLORIDE	0624HN
MBLK	0330900054WA90LVW054	MB1	VINYLA2JLT	10UGKG	1.0000MSBLB	0VINYL ACETATE	0624HN
MBLK	0330900054WA90LVW054	MB1	BRDCLM2JLT	5UGKG	1.0000MSBLB	0BROMODICHLOROMETHANE	0624HN
MBLK	0330900054WA90LVW054	MB1	12DCLP2JLT	5UGKG	1.0000MSBLB	01,2-DICHLOROPROPANE	0624HN
MBLK	0330900054WA90LVW054	MB1	13DCPC2JLT	5UGKG	1.0000MSBLB	0CIS-1,3-DICHLOROPROPO	0624HN
MBLK	0330900054WA90LVW054	MB1	TRCLE 2JLT	5UGKG	1.0000MSBLB	0TRICHLOROETHENE	0624HN
MBLK	0330900054WA90LVW054	MB1	DBRCLM2JLT	5UGKG	1.0000MSBLB	0DIBROMOCHLOROMETHANE	0624HN
MBLK	0330900054WA90LVW054	MB1	112TCE2JLT	5UGKG	1.0000MSBLB	01,1,2-TRICHLOROETHANO	0624HN
MBLK	0330900054WA90LVW054	MB1	C6H6 2JLT	5UGKG	1.0000MSBLB	0BENZENE	0624HN
MBLK	0330900054WA90LVW054	MB1	T13DCP2JLT	5UGKG	1.0000MSBLB	0TRANS-1,3-DICHLOROPRO	0624HN
MBLK	0330900054WA90LVW054	MB1	CHBR3 2JLT	5UGKG	1.0000MSBLB	0BROMOFORM	0624HN
MBLK	0330900054WA90LVW054	MB1	4ME2PE2JLT	10UGKG	1.0000MSBLB	04-METHYL-2-PENTANONE	0624HN
MBLK	0330900054WA90LVW054	MB1	2HXONE2JLT	10UGKG	1.0000MSBLB	02-HEXANONE	0624HN
MBLK	0330900054WA90LVW054	MB1	TCLEE 2JLT	5UGKG	1.0000MSBLB	0TETRACHLOROETHENE	0624HN
MBLK	0330900054WA90LVW054	MB1	TCLEA 2JLT	5UGKG	1.0000MSBLB	01,1,2,2-TETRACHLOROEO	0624HN
MBLK	0330900054WA90LVW054	MB1	MEC6H52JLT	5UGKG	1.0000MSBLB	0TOLUENE	0624HN
MBLK	0330900054WA90LVW054	MB1	CLC6H52JLT	5UGKG	1.0000MSBLB	0CHLOROBENZENE	0624HN
MBLK	0330900054WA90LVW054	MB1	ETC6H52JLT	5UGKG	1.0000MSBLB	0ETHYLBENZENE	0624HN
MBLK	0330900054WA90LVW054	MB1	STYR 2JLT	5UGKG	1.0000MSBLB	0STYRENE	0624HN
MBLK	0330900054WA90LVW054	MB1	XYLEN 2JLT	5UGKG	1.0000MSBLB	0XYLENE (TOTAL)	0624HN

WESTINGHOUSE

CLIENT_ID	S_DATE	A_DATE	A_TIME	LAB	LAB_ID	ANALYTE	METH	MOD	CONC	UNIT	ACCUR	DIL	M_DIL	INSTR	INIT	SPIKE_CONC
** 386001RE																
GRS1003D	022090	030190	1200	MT	386001RE	ANAFNE	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	ANAPLY	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	ANTRC	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	BENZDA	27	LT	2000	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	BAANTR	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	BKFANT	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	BGHPY	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	BAPYR	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	BZALC	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	BZCEXM	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	BZCEE	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	BZCIPE	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	BZEHF	27		4000	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	4BRPPE	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	BBZP	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	4CAMIL	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	2CMAP	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	2CLP	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	4CLPPE	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	CHRY	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	DBAWA	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	DIBZFU	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	120CLB	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	130CLB	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	140CLB	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	DNBP	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	33CL2B	27	LT	780	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	240CLP	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	260CLP	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	DEP	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	240MPN	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	DMP	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	240NP	27	LT	2000	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	240NT	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	260NT	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	DNOP	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	FANT	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	FLRENE	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	CL6BZ	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	HCBD	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	CL6CP	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	CL6ET	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	ICDPYR	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	ISOPHR	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	2MEWAP	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	2MP	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	4MP	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	NAP	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	2KAMIL	27	LT	2000	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	3KAMIL	27	LT	2000	UGKG		1	0 MD	JD		0

CLIENT_ID	S_DATE	A_DATE	A_TIME	LAB LAB_ID	ANALYTE METH	MOD	CONC	UNIT	ACCUR	DIL	M_DIL	INSTR	INIT	SPIKE_CONC
GRS1003D	022090	030190	1200	MT 386001RE	4WAMIL 27	LT	2000	UGKG		1	0 MD	JO	0	
GRS1003D	022090	030190	1200	MT 386001RE	MB 27	LT	390	UGKG		1	0 MD	JO	0	
GRS1003D	022090	030190	1200	MT 386001RE	2MP 27	LT	390	UGKG		1	0 MD	JO	0	
GRS1003D	022090	030190	1200	MT 386001RE	4WP 27	LT	2000	UGKG		1	0 MD	JO	0	
GRS1003D	022090	030190	1200	MT 386001RE	NMDPA 27	LT	390	UGKG		1	0 MD	JO	0	
GRS1003D	022090	030190	1200	MT 386001RE	NMDNPA 27	LT	390	UGKG		1	0 MD	JO	0	
GRS1003D	022090	030190	1200	MT 386001RE	PCP 27	LT	2000	UGKG		1	0 MD	JO	0	
GRS1003D	022090	030190	1200	MT 386001RE	PHANTR 27	LT	390	UGKG		1	0 MD	JO	0	
GRS1003D	022090	030190	1200	MT 386001RE	PHENOL 27	LT	390	UGKG		1	0 MD	JO	0	
GRS1003D	022090	030190	1200	MT 386001RE	PYR 27	LT	390	UGKG		1	0 MD	JO	0	
GRS1003D	022090	030190	1200	MT 386001RE	124TCB 27	LT	390	UGKG		1	0 MD	JO	0	
GRS1003D	022090	030190	1200	MT 386001RE	245TCP 27	LT	2000	UGKG		1	0 MD	JO	0	
GRS1003D	022090	030190	1200	MT 386001RE	246TCP 27	LT	390	UGKG		1	0 MD	JO	0	
GRS1003D	022090	030190	1200	MT 386001RE	NBD5 27		73	PCNT		1	0 MD	JO	100	
GRS1003D	022090	030190	1200	MT 386001RE	2FBP 27		72	PCNT		1	0 MD	JO	100	
GRS1003D	022090	030190	1200	MT 386001RE	PTERP 27		80	PCNT		1	0 MD	JO	100	
GRS1003D	022090	030190	1200	MT 386001RE	PHEND6 27		65	PCNT		1	0 MD	JO	200	
GRS1003D	022090	030190	1200	MT 386001RE	2FP 27		51	PCNT		1	0 MD	JO	200	
GRS1003D	022090	030190	1200	MT 386001RE	246TBP 27		52	PCNT		1	0 MD	JO	200	
** 386001														
GRS1003D	022090	022890	1200	MT 386001	ACET 24	LT	10	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	ACROLM 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	ACRYLO 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	AYLCL 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	C6H6 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	BRDCLM 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	CHBR3 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	CS2 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	CCL4 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	CLC605 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	C2H5CL 24	LT	10	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	CHCL3 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	CH3CL 24	LT	10	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	130CPC 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	DBRCLM 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	12DBE 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	CCL2F2 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	110CLE 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	120CLE 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	120CLP 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	ETNEAC 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	ETC6H5 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	2HXONE 24	LT	10	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	MEACRY 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	MEMEAC 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	CH2CL2 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	4ME2PE 24	LT	10	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	CLSET 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	PRONIT 24	LT	5	UGKG		1	0 ME	GW	0	
GRS1003D	022090	022890	1200	MT 386001	STYR 24	LT	5	UGKG		1	0 ME	GW	0	

CLIENT_ID	S_DATE	A_DATE	A_TIME	LAB	LAB_ID	ANALYTE	METH	MOD	CONC	UNIT	ACCUR	DIL	N_DIL	INSTR	INIT	SPIKE_CONC
GRS10030	022090	022890	1200	MT	386001	21CLEA	24	LT	5	UGKG		1	0	ME	GW	0
GRS10030	022090	022890	1200	MT	386001	1CLEA	24	LT	5	UGKG		1	0	ME	GW	0
GRS10030	022090	022890	1200	MT	386001	MEC6H5	24	LT	5	UGKG		1	0	ME	GW	0
GRS10030	022090	022890	1200	MT	386001	T130CP	24	LT	5	UGKG		1	0	ME	GW	0
GRS10030	022090	022890	1200	MT	386001	111TCE	24	LT	5	UGKG		1	0	ME	GW	0
GRS10030	022090	022890	1200	MT	386001	112TCE	24	LT	5	UGKG		1	0	ME	GW	0
GRS10030	022090	022890	1200	MT	386001	CCCL3F	24	LT	5	UGKG		1	0	ME	GW	0
GRS10030	022090	022890	1200	MT	386001	123CPR	24	LT	5	UGKG		1	0	ME	GW	0
GRS10030	022090	022890	1200	MT	386001	VINYLA	24	LT	5	UGKG		1	0	ME	GW	0
GRS10030	022090	022890	1200	MT	386001	XYLEN	24	LT	5	UGKG		1	0	ME	GW	0
GRS10030	022090	022890	1200	MT	386001	120CD4	24		101	PCNT		1	0	ME	GW	50
GRS10030	022090	022890	1200	MT	386001	MEC6DB	24		104	PCNT		1	0	ME	GW	50
GRS10030	022090	022890	1200	MT	386001	PBFB	24		100	PCNT		1	0	ME	GW	50
** 386002																
GRS08020	022190	030290	1200	MT	386002	ANAPKE	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	ANAPLY	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	ANTRC	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	BENZOA	27	LT	1900	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	BAANTR	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	BKFANT	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	BGHIPI	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	BAPYR	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	BZALC	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	BZCEM	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	BZCEE	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	BZCIPE	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	BZEHP	27		3000	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	4BRPPE	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	BBZP	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	4CANIL	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	2CNAP	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	2CLP	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	4CLPPE	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	CHRY	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	DBAHA	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	0182FU	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	120CLB	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	130CLB	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	140CLB	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	DWBP	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	33CL2B	27	LT	770	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	240CLP	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	260CLP	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	DEP	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	240MPM	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	DMP	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	240HP	27	LT	1900	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	240MT	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	260MT	27	LT	380	UGKG		1	0	MD	JO	0
GRS08020	022190	030290	1200	MT	386002	DWOP	27	LT	380	UGKG		1	0	MD	JO	0

CLIENT_ID	S_DATE	A_DATE	A_TIME	LAB	LAB_ID	ANALYTE	MEIN	MOD	CONC	UNIT	ACCUR	DIL	N_DIL	INSTR	INIT	SPIKE_CONC
GRS08020	022190	030290	1200	MT	386002	FAMT	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	FLREME	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	CL68Z	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	HCB0	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	CL6CP	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	CL6E1	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	ICOPYR	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	ISOPHR	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	2KENAF	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	2MP	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	4MP	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	MAP	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	2NANIL	27	LT	1900	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	3NANIL	27	LT	1900	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	4NANIL	27	LT	1900	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	NB	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	2MP	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	4MP	27	LT	1900	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	MNDPA	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	MNDNPA	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	PCP	27	LT	1900	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	PHANTR	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	PHENOL	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	PYR	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	124TCB	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	245TCP	27	LT	1900	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	246TCP	27	LT	380	UG/G		1	0 MD	JO		0
GRS08020	022190	030290	1200	MT	386002	NBOS	27		68	PCNT		1	0 MD	JO		100
GRS08020	022190	030290	1200	MT	386002	2FBP	27		69	PCNT		1	0 MD	JO		100
GRS08020	022190	030290	1200	MT	386002	PTERP	27		78	PCNT		1	0 MD	JO		100
GRS08020	022190	030290	1200	MT	386002	PHEND6	27		62	PCNT		1	0 MD	JO		200
GRS08020	022190	030290	1200	MT	386002	2FP	27		46	PCNT		1	0 MD	JO		200
GRS08020	022190	030290	1200	MT	386002	246TBP	27		49	PCNT		1	0 MD	JO		200
GRS08020	022190	022890	1200	MT	386002	ACET	24		150	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	ACROLN	24	LT	5	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	ACRYLO	24	LT	5	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	AYLCL	24	LT	5	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	C6H6	24	LT	5	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	BRDCLN	24	LT	5	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	CHBR3	24	LT	5	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	CS2	24	LT	5	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	CCL4	24	LT	5	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	CLC6DS	24	LT	5	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	C2H5CL	24	LT	10	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	CHCL3	24	LT	5	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	CH3CL	24	LT	10	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	13DCPC	24	LT	5	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	DBRCLN	24	LT	5	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	1208E	24	LT	5	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	CCL2F2	24	LT	5	UG/G		1	0 ME	EW		0
GRS08020	022190	022890	1200	MT	386002	110CLE	24	LT	5	UG/G		1	0 ME	EW		0

WESTINGHOUSE

CLIENT_ID	S_DATE	A_DATE	A_TIME	LAB	LAB_ID	ANALYTE	METH	MOD	CONC	UNIT	ACCUR	DIL	N_DIL	INSTR	INIT	SPIKE_CONC
GRS08020	022190	022890	1200	MT	386002	12DCLE	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	12DCLP	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	E1MEAC	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	E1C6H5	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	2HTDME	24	LT	10	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	MEACRY	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	MEMEAC	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	CH2CL2	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	4ME2PE	24	LT	10	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	CL5ET	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	PRONIT	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	STYR	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	2TCLEA	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	TCLEA	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	MEC6H5	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	T13DCP	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	111TCE	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	112TCE	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	CCL3F	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	123CPR	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	VINYLA	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	IYLEM	24	LT	5	UGKG		1	0	ME	GW	0
GRS08020	022190	022890	1200	MT	386002	12DCD4	24		104	PCNT		1	0	ME	GW	50
GRS08020	022190	022890	1200	MT	386002	MEC6DB	24		101	PCNT		1	0	ME	GW	50
GRS08020	022190	022890	1200	MT	386002	P8FB	24		101	PCNT		1	0	ME	GW	50

SIRRINE
ENVIRONMENTAL
CONSULTANTS

Post Office Box 24000
Greenville, South Carolina 29616

REQUEST FOR ANALYSIS

(This form must accompany samples -
Do Not send under separate cover)

PROJECT NAME
PRO. MGR. / JOB NO.
PROFIT CENTER NO.
BILL TO

Grace Road
T. CHAMPION / 68178

DATE SAMPLES SHIPPED
LAB DESTINATION
LAB CONTACT
REPORT TO

2/22/90
Meta Trace

P. O. NUMBER

TELEPHONE NO.

SAMPLE NO.	SAMPLE TYPE	SAMPLE VOLUME	PRESERVATIVE	REQUIRED TESTING PROGRAM	SPECIAL INSTRUCTIONS
GRS-10-030	Soil	—	NONE	VOC, BNA	
GRS-08-020	Soil	—	NONE	VOC, BNA	

TURNAROUND TIME REQUIRED: (Turnaround time must be arranged with lab prior to shipment)

NORMAL ✓ RUSH (Subject to rush service charge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if samples are hazardous materials and/or suspected to contain high levels of chemical compounds.)

FLAMMABLE POISON SKIN IRRITANT TOXIC OTHER

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping and disposal.) (Please specify)

RETURN TO CLIENT DISPOSAL BY LAB ✓

FOR USE ONLY

RECEIVED BY: _____

DATE/TIME

08:41:44

metaTrace, Inc.
Master Sample Login: 386

02/24/90

Account: 10020
Project No.: 121.03
Project: Westinghouse LRT
Description:
Facility:

Project Manager: L. Taake

Sample No.	Client ID	Key COLL	Dtes RECV	DUE	Shipper	Matrix	Analyses	Class Preservatives	Container	Storage Site	pH	Temp
386-001	GRS-10-03D	02/20	02/23	03/20	FED-EX	COMMENTS:						
						Soil	BHA/827A1/Q1	S	COLD	40Z W/H GLASS	T8E	7.00
						Soil	DATA/CUSTOM/Q1	S				
						Soil	P-BHA//Q1	S	COLD	40Z W/H GLASS	T8E	7.00
						Soil	PH//Q1	S	COLD	40Z W/H GLASS	T8E	7.00
						Soil	VOA/8240A1/Q1	S	COLD	60Z W/H GLASS	#10	7.00
386-002	GRS-08-02D	02/21	02/23	03/20	FED-EX	COMMENTS:						
						Soil	BHA/827A1/Q1	S	COLD	40Z W/H GLASS	T8E	
						Soil	DATA/CUSTOM/Q1	S				
						Soil	P-BHA//Q1	S	COLD	40Z W/H GLASS	T8E	
						Soil	PH//Q1	S	COLD	40Z W/H GLASS	T8E	
						Soil	VOA/8240A1/Q1	S	COLD	60Z W/H GLASS	#10	

B-283

EXPRESS

AIRBILL

USE THIS AIRBILL FOR DOMESTIC SHIPMENTS WITHIN THE CONTINENTAL U.S.A. ADDRESS AND PHONE NUMBER FOR INTERNATIONAL AIR MAIL. FOR SHIPMENTS TO PUERTO RICO, CALL 800-225-3333 TOLL FREE.

PACKAGE TRACKING NUMBER 784655245

RECIPIENT'S COPY

00N 784655245

Date 2/22/90

From (Your Name), Please Print
H.M. HICK

Your Phone Number (Very Important)
803-725-1197

Department/Floor No.
WESTINGHOUSE/SAVANNAH RIVER PR

SAVANNAH RIVER SITE

State SC ZIP Required 29808

YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE)
SRM 1459-4 PO 843925

To (Recipient's Name) Please Print
CHERYL NU

Company
METATRACE, INC.

Exact Street Address (We Cannot Deliver to P.O. Boxes or R.O. or Zip Codes.)
13715 RIDER TRAIL NORTH

City, State, ZIP Required
EARTH CITY, MO 63045

IF HOLD FOR PICK-UP, Print FEDEX Address Here

Street Address

City

State

ZIP Required

Recipient's Phone Number (Very Important)
(314) 298-8566

Department/Floor No.

☒ DELIVER WEEKDAY

☐ HOLD FOR PICK-UP

☐ OVERNIGHT LETTERS

☐ FREIGHT CHARGES AND

☐ AND CONDITIONS

☐ FORM OF THE U.S. GOVERNMENT

☐ TO ANY AVAILABLE

☐ SUBJECT TO PROVISIONS

Emp. No.

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ZIP Required

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WESTINGHOUSE

CLIENT_ID	S_DATE	A_DATE	A_TIME	LAB	LAB_ID	ANALYTE	METH	MOD	CONC	UNIT	ACCUR	DIL	N_DIL	INSTA	INIT	SPIKE_CONC
** 386001RE																
GRS1003D	022090	030190	1200	MT	386001RE	ANAPME	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	ANAPLY	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	ANTRC	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	BENZDA	27	LT	2000	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	BAANTR	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	BKFAMT	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	BGHIPY	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	BAPYR	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	BIALC	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	BZCEXM	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	BZCEE	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	BZCIPE	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	BZEHP	27		4000	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	4BRPPE	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	BBIP	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	4CANIL	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	2CMAP	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	2CLP	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	4CLPPE	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	CHRY	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	DBAHA	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	DIBZFU	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	120CLB	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	130CLB	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	140CLB	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	DNBP	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	33CL2B	27	LT	780	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	240CLP	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	260CLP	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	DEP	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	240KPN	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	DMP	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	240NP	27	LT	2000	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	240NT	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	260NT	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	DNOP	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	FANT	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	FLRENE	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	CL6BZ	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	HCB0	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	CL6CP	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	CL6ET	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	ICOPYR	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	ISOPHR	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	2KENAP	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	2NP	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	4NP	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	NAP	27	LT	390	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	2NANIL	27	LT	2000	UGKG		1	0	MD	JO	0
GRS1003D	022090	030190	1200	MT	386001RE	3NANIL	27	LT	2000	UGKG		1	0	MD	JO	0

WESTINGHOUSE 121-03

CLIENT_ID	S_DATE	A_DATE	A_TIME	LAB	LAB_ID	ANALYTE	METH	MOD	CONC	UNIT	ACCUR	DIL	M_DIL	INSTR	INIT	SPIKE_CONC
GRS1003D	022090	030190	1200	MT	386001RE	4MAMIL	27	LT	2000	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	MB	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	2WP	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	4WP	27	LT	2000	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	MNDPA	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	MNDPA	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	PCP	27	LT	2000	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	PHAMTR	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	PHENOL	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	PYR	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	124TCB	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	245TCP	27	LT	2000	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	246TCP	27	LT	390	UGKG		1	0 MD	JD		0
GRS1003D	022090	030190	1200	MT	386001RE	NBD5	27		73	PCNT		1	0 MD	JD		100
GRS1003D	022090	030190	1200	MT	386001RE	2FBP	27		72	PCNT		1	0 MD	JD		100
GRS1003D	022090	030190	1200	MT	386001RE	PTERP	27		80	PCNT		1	0 MD	JD		100
GRS1003D	022090	030190	1200	MT	386001RE	PHEN06	27		65	PCNT		1	0 MD	JD		200
GRS1003D	022090	030190	1200	MT	386001RE	2FP	27		51	PCNT		1	0 MD	JD		200
GRS1003D	022090	030190	1200	MT	386001RE	246TBP	27		52	PCNT		1	0 MD	JD		200
** 386001																
GRS1003D	022090	022890	1200	MT	386001	ACET	24	LT	10	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	ACROLN	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	ACRYLO	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	AYLCL	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	C6H6	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	BRDCLM	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	CHBRJ	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	CS2	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	CCL4	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	CLC605	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	C2H5CL	24	LT	10	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	CHCL3	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	CH3CL	24	LT	10	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	13DCPC	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	DBRCLM	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	12DBE	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	CCL2F2	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	11DCLE	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	12DCLE	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	12DCLP	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	ETMEAC	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	ETC6H5	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	2HXOME	24	LT	10	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	MEACRY	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	MEMEAC	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	CH2CL2	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	4ME2PE	24	LT	10	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	CL5ET	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	PRONIT	24	LT	5	UGKG		1	0 ME	GW		0
GRS1003D	022090	022890	1200	MT	386001	STYR	24	LT	5	UGKG		1	0 ME	GW		0

WESTINGHOUSE

CLIENT_ID	S_DATE	A_DATE	A_TIME	LAB	LAB_ID	ANALYTE	METH	MOD	CONC	UNIT	ACCUR	DIL	N_DIL	INSTR	INIT	SPIKE_CONC
GRS1003D	022090	022890	1200	MT	386001	21CLEA	24	LT	5	UGKG		1	0	ME	6W	0
GRS1003D	022090	022890	1200	MT	386001	1CLEA	24	LT	5	UGKG		1	0	ME	6W	0
GRS1003D	022090	022890	1200	MT	386001	MEC&HS	24	LT	5	UGKG		1	0	ME	6W	0
GRS1003D	022090	022890	1200	MT	386001	T130CP	24	LT	5	UGKG		1	0	ME	6W	0
GRS1003D	022090	022890	1200	MT	386001	111TCE	24	LT	5	UGKG		1	0	ME	6W	0
GRS1003D	022090	022890	1200	MT	386001	112TCE	24	LT	5	UGKG		1	0	ME	6W	0
GRS1003D	022090	022890	1200	MT	386001	CCL3F	24	LT	5	UGKG		1	0	ME	6W	0
GRS1003D	022090	022890	1200	MT	386001	123CPR	24	LT	5	UGKG		1	0	ME	6W	0
GRS1003D	022090	022890	1200	MT	386001	VINYLA	24	LT	5	UGKG		1	0	ME	6W	0
GRS1003D	022090	022890	1200	MT	386001	XYLEM	24	LT	5	UGKG		1	0	ME	6W	0
GRS1003D	022090	022890	1200	MT	386001	120CD4	24		101	PCNT		1	0	ME	6W	50
GRS1003D	022090	022890	1200	MT	386001	MEC&DB	24		104	PCNT		1	0	ME	6W	50
GRS1003D	022090	022890	1200	MT	386001	PBFB	24		100	PCNT		1	0	ME	6W	50
** 386002																
GRS0802D	022190	030290	1200	MT	386002	ANAPNE	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	ANAPLY	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	ANTRC	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	BEM10A	27	LT	1900	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	BRANTR	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	BKFANT	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	BGH1PY	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	BAPYR	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	BZALC	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	BZCEIM	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	BZCEE	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	BZCIPE	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	BZHP	27		3000	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	4BRPPE	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	BBIP	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	4CANIL	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	2CMAP	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	2CLP	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	4CLPPE	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	CHRY	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	DBAHA	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	DBIFU	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	120CLB	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	130CLB	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	140CLB	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	DNBP	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	33CL2B	27	LT	770	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	240CLP	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	260CLP	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	DEP	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	240MPH	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	DMP	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	240MP	27	LT	1900	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	240MT	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	260MT	27	LT	380	UGKG		1	0	MD	JD	0
GRS0802D	022190	030290	1200	MT	386002	DNOP	27	LT	380	UGKG		1	0	MD	JD	0

CLIENT_ID	S_DATE	A_DATE	A_TIME	LAB	LAB_ID	ANALYTE	METH	MOD	CONC	UNIT	ACCUR	OIL	N_DIL	INSTR	INVT	SPIKE_CONC
GRS0802D	022190	030290	1200	MT	386002	FANT	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	FLARENE	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	CL681	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	HC80	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	CLACP	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	CL6ET	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	ICDPYR	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	ISOPHR	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	2MEMAP	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	2MP	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	4MP	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	MAP	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	2NAMIL	27	LT	1900	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	3NAMIL	27	LT	1900	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	4NAMIL	27	LT	1900	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	MB	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	2MP	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	4MP	27	LT	1900	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	MNDPA	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	MNDMPA	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	PCP	27	LT	1900	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	PHANTR	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	PHENDL	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	PYR	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	124TCB	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	245TCP	27	LT	1900	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	246TCP	27	LT	380	UGKG		1	0 MD		JO	0
GRS0802D	022190	030290	1200	MT	386002	NBOS	27		68	PCNT		1	0 MD		JO	100
GRS0802D	022190	030290	1200	MT	386002	ZFBP	27		69	PCNT		1	0 MD		JO	100
GRS0802D	022190	030290	1200	MT	386002	PTERP	27		78	PCNT		1	0 MD		JO	100
GRS0802D	022190	030290	1200	MT	386002	PHEND6	27		62	PCNT		1	0 MD		JO	200
GRS0802D	022190	030290	1200	MT	386002	ZFP	27		46	PCNT		1	0 MD		JO	200
GRS0802D	022190	030290	1200	MT	386002	246TBP	27		49	PCNT		1	0 MD		JO	200
GRS0802D	022190	022890	1200	MT	386002	ACET	24		150	UGKB		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	ACROLM	24	LT	5	UGKG		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	ACRYLO	24	LT	5	UGKG		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	AYLCL	24	LT	5	UGKG		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	C6H6	24	LT	5	UGKG		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	BRDCLM	24	LT	5	UGKG		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	CHBR3	24	LT	5	UGKG		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	CS2	24	LT	5	UGKG		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	CCL4	24	LT	5	UGKG		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	CLC605	24	LT	5	UGKG		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	C2H5CL	24	LT	10	UGKG		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	CHCL3	24	LT	5	UGKG		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	CH3CL	24	LT	10	UGKG		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	130CPC	24	LT	5	UGKG		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	DBRCLM	24	LT	5	UGKG		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	120BE	24	LT	5	UGKG		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	CCL2F2	24	LT	5	UGKG		1	0 ME		GW	0
GRS0802D	022190	022890	1200	MT	386002	110CLE	24	LT	5	UGKG		1	0 ME		GW	0

WESTINGHOUSE

CLIENT_ID	S_DATE	A_DATE	A_TIME	LAB	LAB_ID	ANALYTE	METH	MOD	CONC	UNIT	ACCUR	DIL	N_DIL	INSTR	INIT	SPIKE_CONC
GRS0802D	022190	022890	1200	MT	386002	120CLE	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	120CLP	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	E1MEAC	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	E1C6H5	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	2H1DNE	24	LT	10	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	MEACRY	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	MEMEAC	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	CH2CL2	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	4ME2PE	24	LT	10	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	CLSET	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	PRONIT	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	STYR	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	2TCLEA	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	TCLEA	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	MEC6H5	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	T13DCP	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	111TCE	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	112TCE	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	CCL3F	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	123CPR	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	VINYLA	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	XYLEN	24	LT	5	UGKG		1	0 ME	GW		0
GRS0802D	022190	022890	1200	MT	386002	120CD4	24		104	PCNT		1	0 ME	GW		50
GRS0802D	022190	022890	1200	MT	386002	MEC6DB	24		101	PCNT		1	0 ME	GW		50
GRS0802D	022190	022890	1200	MT	386002	PBFB	24		101	PCNT		1	0 ME	GW		50

LI 386

DATE 2-23-70

SAMPLE ARRIVAL DATE 2-23-70

EXPECTED NO. OF SAMPLES 2

EXPECTED MATRIX Soil

CLIENT: Westinghouse

PROJ. MGR. TAAKE

SHIPPER FED-EX

DUE DATE 3-20-94

DISTRIBUTION

AUTO

• ICAP

I. PRELIMINARY

O.P.R.E.
0001

GC
cc

• RAD:

• PROJ.

...OTHE

(AUGUST 1971)

ORIGINAL W. Nouse

REVISION

STORAGE/LOCATION

78E#10

SAMPLE NO.

SAMP ID &

DESCRIPTION

SAMPLE DATE

MATRIX

386	386
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GRS	GRS
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10-030	08-024
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2:20:50	2:21:50
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2017	2018
2019	2020

B-29I

DISPOSAL

NORMAL:

HAZARDOUS

DATE TO DISPOSE

PM SIGNATURE

COMME

Page 1 of 1
Sirrine Job No. 68178

B-292

Page 1 of 1

SIRRINE
ENVIRONMENTAL
CONSULTANTS

Post Office Box 24000
Greenville, South Carolina 29616

REQUEST FOR ANALYSIS

(This form must accompany samples -
Do Not send under separate cover)

PROJECT NAME
PRO. MGR. / JOB NO.
PROFIT CENTER NO.
BILL TO

Grace Road
T. CHAMPION / 68178

DATE SAMPLES SHIPPED
LAB DESTINATION
LAB CONTACT
REPORT TO

2/22/90
Meta Trace

P. O. NUMBER

TELEPHONE NO.

SAMPLE NO.	SAMPLE TYPE	SAMPLE VOLUME	PRESERVATIVE	REQUIRED TESTING PROGRAM	SPECIAL INSTRUCTIONS
GRS-10-030	Soil	—	NONE	VOC, BNA	
GRS-08-020	Soil	—	NONE	VOC, BNA	

TURNAROUND TIME REQUIRED: (Turnaround time must be arranged with lab prior to shipment)

NORMAL ✓ RUSH (Subject to rush service charge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if samples are hazardous materials and/or suspected to contain high levels of chemical compounds.)

FLAMMABLE POISON SKIN IRRITANT TOXIC OTHER

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping and disposal.) (Please specify)

RETURN TO CLIENT DISPOSAL BY LAB ✓

FOR LAB USE ONLY

RECEIVED BY: _____

DATE/TIME _____

08:41:44

metaTrace, Inc.
Master Sample Login: 386

02/24/90

Account: 10020
Project No.: 121.03
Project: Westinghouse LRT
Description:
Facility:

Project Manager: L. Taske

Sample No.	Client ID	Key COLL	Dtes RECV	DUE	Shipper	Matrix	Analyses	Class	Preservatives	Container	Storage Site	pH	Temp
386-001	GRS-10-03D	02/20	02/23	03/20	FED-EX	COMMENTS:							
						Soil	BHA/827A1/Q1	S	COLD	40Z W/H GLASS	T8E		7.00
						Soil	DATA/CUSTOM/Q1	S					
						Soil	P-BHA//Q1	S	COLD	40Z W/H GLASS	T8E		7.00
						Soil	PH//Q1	S	COLD	40Z W/H GLASS	T8E		7.00
						Soil	VOA/8240A1/Q1	S	COLD	60Z W/H GLASS	#10		7.00
386-002	GRS-08-02D	02/21	02/23	03/20	FED-EX	COMMENTS:							
						Soil	BHA/827A1/Q1	S	COLD	40Z W/H GLASS	T8E		
						Soil	DATA/CUSTOM/Q1	S					
						Soil	P-BHA//Q1	S	COLD	40Z W/H GLASS	T8E		
						Soil	PH//Q1	S	COLD	40Z W/H GLASS	T8E		
						Soil	VOA/8240A1/Q1	S	COLD	60Z W/H GLASS	#10		

APPENDIX C

RISK ASSESSMENT METHODS

Summary of Calculations for the Future Resident Scenarios

- **Dermal Contact with Surface Soil**
- **Soil Ingestion**
- **Inhalation**

Parameter Values and Results of the Lead Uptake/Biokinetic Model

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Dermal Contact with Surface Soil:

Equation 1:

$$\text{Absorbed Dose (mg/kg-day)} = \frac{\text{CS} \times \text{CF} \times \text{SA} \times \text{AF} \times \text{ABS} \times \text{EF} \times \text{ED}}{\text{BW} \times \text{AT} \times \text{AD}}$$

where:

CS	=	Chemical Concentration in Soil (mg/kg)
CF	=	Conversion Factor (1.0E-06 kg/mg)
SA	=	Skin Surface Area Available for Contact (cm ² /event)
AF	=	Soil to Skin Adherence Factor (mg/cm ²)
ABS	=	Absorption Factor (unitless)
EF	=	Exposure Frequency (events/year)
ED	=	Exposure Duration (years)
BW	=	Body Weight (kg)
AT	=	Averaging Time (365 days/year)
AD	=	Averaging Duration (years) (equal to ED for non-carcinogens and 70 years for carcinogens)

Equation 2 (below) modifies Equation 1 for the hypothetical future residential scenario to apportion intake between children and adults based upon their different exposure parameters (see Table C-3). For carcinogens, the two components (adult and child) of Equation 2 were summed to yield an age-adjusted intake value. For non-carcinogens, the intake values for the adult plus child and the child only were considered separately in order to calculate both an age-adjusted value and a value for young children (0-6 years old), the likely period of highest dosage. The intake values for young children were calculated from the portion of Equation 2 that contains only child exposure parameters.

Equation 2:

$$\text{Absorbed Dose for Arsenic (mg/kg-day)} = \frac{\text{CS} \times \text{CF} \times \text{SA}_a \times \text{AF} \times \text{ABS} \times \text{EF}_a \times \text{ED}_a}{\text{BW}_a \times \text{AT} \times \text{AD}} + \frac{\text{CS} \times \text{CF} \times \text{SA}_c \times \text{AF} \times \text{ABS} \times \text{EF}_c \times \text{ED}_c}{\text{BW}_c \times \text{AT} \times \text{AD}}$$

Where:

CS	=	Chemical Concentration in Soil (mg/kg)
CF	=	Conversion Factor (1.0E-06 kg/mg)
SA _a	=	Adult Skin Surface Area Available for Contact (cm ² /event)
SA _c	=	Child Skin Surface Area Available for Contact (cm ² /event)
AF	=	Soil to Skin Adherence Factor (mg/cm ²)
ABS	=	Absorption Factor (unitless)
EF _a	=	Adult Exposure Frequency (events/year)
EF _c	=	Child Exposure Frequency (events/year)
ED _a	=	Adult Exposure Duration (years)
ED _c	=	Child Exposure Duration (years)
BW _a	=	Adult Body Weight (kg)
BW _c	=	Child Body Weight (kg)
AT	=	Averaging Time (365 days/year)
AD	=	Averaging Duration (years) (equal to ED for noncarcinogens and 70 years for carcinogens)

$$\begin{aligned} \text{Absorbed Dose} &= \frac{3.2 \text{ mg/kg} \times 1.0\text{E-}06 \text{ kg/mg} \times 5000 \text{ cm}^2/\text{event} \times 0.2 \text{ mg/cm}^2 \times 0.001 \times 350 \text{ events/yr} \times 24 \text{ y}}{70 \text{ kg} \times 365 \text{ d/y} \times 70 \text{ y}} \\ &+ \frac{3.2 \text{ mg/kg} \times 1.0\text{E-}06 \text{ kg/mg} \times 1800 \text{ cm}^2/\text{event} \times 0.2 \text{ mg/cm}^2 \times 0.001 \times 350 \text{ events/y} \times 6 \text{ y}}{15 \text{ kg} \times 365 \text{ d/y} \times 70 \text{ y}} \end{aligned}$$

$$\text{Absorbed Dose (mg/kg-day)} = 2.0\text{E-}08 + 6.0\text{E-}09$$

$$\text{Absorbed Dose (mg/kg-day)} = 2.6\text{E-}08$$

$$\begin{aligned}\text{Risk for Arsenic} &= \text{Absorbed Dose} \times \text{Slope Factor} \\ \text{Risk for Arsenic} &= 2.6\text{E-}08 \text{ mg/kg-day} \times 1.8(\text{mg/kg-day})^{-1} \\ \text{Risk for Arsenic} &= 4.7\text{E-}08\end{aligned}$$

Non-carcinogenic Risk Calculation:

$$\begin{aligned}\text{Absorbed Dose for Arsenic (mg/kg-day)} &= \frac{\text{CS} \times \text{CF} \times \text{SA}_a \times \text{AF} \times \text{ABS} \times \text{EF}_a \times \text{ED}_a}{\text{BW}_a \times \text{AT} \times \text{AD}} + \\ &\quad \frac{\text{CS} \times \text{CF} \times \text{SA}_c \times \text{AF} \times \text{ABS} \times \text{EF}_c \times \text{ED}_c}{\text{BW}_c \times \text{AT} \times \text{AD}} \\ &= \frac{3.2 \text{ mg/kg} \times 1.0\text{E-}06 \text{ kg/mg} \times 5000\text{cm}^2/\text{event} \times 0.2 \text{ mg/cm}^2 \times 0.001 \times 350\text{events/y} \times 24\text{y}}{70 \text{ kg} \times 365\text{d/y} \times 24\text{y}} + \\ &\quad \frac{3.2 \text{ mg/kg} \times 1.0\text{E-}06 \text{ kg/mg} \times 1800\text{cm}^2/\text{event} \times 0.2 \text{ mg/cm}^2 \times 0.001 \times 350\text{events/y} \times 6\text{y}}{15 \text{ kg} \times 365\text{d/y} \times 6\text{y}}\end{aligned}$$

$$\text{Absorbed Dose for Arsenic} = 4.0\text{E-}08 + 7.4\text{E-}08$$

$$\text{Absorbed Dose for Arsenic} = 1.14\text{E-}07$$

$$\text{Hazard Quotient(HQ)} = \text{Adsorbed Dose/Reference Dose}$$

$$\text{Hazard Quotient(HQ)} = 1.14\text{E-}07 \text{ mg/kg-day}/(2.9\text{E-}04 \text{ mg/kg-day})$$

$$\text{HQ for Adult and Child} = 3.9\text{E-}04$$

$$\text{HQ for Child Only} = 7.4\text{E-}08/2.9\text{E-}04$$

$$\text{HQ for Child Only} = 2.6\text{E-}04$$

Soil Ingestion

Equation 3 was used to calculate intake from soil ingestion for the hypothetical residential scenario intake between children and adults, based upon their different exposure parameters (see Table 3A) and as recommended by EPA (1989 and 1991a).

For carcinogens, the two components (adult and child) were summed to yield an age-adjusted intake value. For noncarcinogens, the intake values for the adult plus child and the child only were considered separately in order to calculate both an age-adjusted value and a value for young children (0-6 years old), the period of highest soil ingestion. The intake values for young children were calculated using only the child component of Equation 3.

Equation 3:

$$\text{Intake for Arsenic (mg/kg-day)} = \frac{\text{CS} \times \text{AIR}_O \times \text{CF} \times \text{FI} \times \text{EF} \times \text{ED}_a}{\text{BW}_a \times \text{AT} \times \text{AD}} + \frac{\text{CS} \times \text{CIR}_O \times \text{CF} \times \text{FI} \times \text{EF} \times \text{ED}_c}{\text{BW}_c \times \text{AT} \times \text{AD}}$$

Where:

- CS = Chemical Concentration in Soil (mg/kg)
CF = Conversion Factor (1.0E-06 kg/mg)
AIR_O = Adult Ingestion Rate (mg soil/day)
CIR_O = Child Ingestion Rate (mg soil/day)
FI = Ingested from Contaminated Source (unitless)
EF = Exposure Frequency (events/year)
ED_a = Adult Exposure Duration (years)
ED_c = Child Exposure Duration (years)
BW_a = Adult Body Weight (kg)
BW_c = Child Body Weight (kg)
AT = Averaging Time (365 days/year)
AD = Averaging Duration (years) (equal to ED for noncarcinogens and 70 years for carcinogens)

$$\text{Intake (mg/kg-day)} = \frac{3.2 \text{ mg/kg} \times 100 \text{ mg/d} \times 1.0\text{E-}06 \text{ kg/mg} \times 1 \times 350 \text{ events/y} \times 24 \text{ y}}{70 \text{ kg} \times 365 \text{ d/y} \times 70 \text{ y}} + \frac{3.2 \text{ mg/kg} \times 200 \text{ mg/d} \times 1.0\text{E-}06 \text{ kg/mg} \times 1 \times 350 \text{ events/y} \times 6 \text{ y}}{15 \text{ kg} \times 365 \text{ d/y} \times 70 \text{ y}}$$

$$\begin{aligned}\text{Intake (mg/kg-day)} &= 1.5\text{E-}06 + 3.60\text{E-}06 \\ \text{Intake (mg/kg-day)} &= 5.0\text{E-}06 \\ \text{Risk for Arsenic} &= \text{Intake} \times \text{Slope Factor} \\ \text{Risk for Arsenic} &= 5.0\text{E-}06 \text{ mg/kg-day} \times 1.75(\text{mg/kg-day})^{-1} \\ \text{Risk for Arsenic} &= 8.8\text{E-}06\end{aligned}$$

Non-carcinogenic Risk Calculation:

$$\text{Intake for Arsenic (mg/kg-day)} = \frac{\text{CS} \times \text{AIR}_Q \times \text{CF} \times \text{FI} \times \text{EF} \times \text{ED}_a}{\text{BW}_a \times \text{AT} \times \text{AD}} + \frac{\text{CS} \times \text{CIR}_Q \times \text{CF} \times \text{FI} \times \text{EF} \times \text{ED}_c}{\text{BW}_c \times \text{AT} \times \text{AD}}$$

$$\begin{aligned}\text{Intake (mg/kg-day)} &= \frac{3.2 \text{ mg/kg} \times 100 \text{ mg/d} \times 1.0\text{E-}06 \text{ kg/mg} \times 1 \times 350 \text{ events/y} \times 24\text{y}}{70 \text{ kg} \times 365\text{d/y} \times 24\text{y}} + \\ &\quad \frac{3.2 \text{ mg/kg} \times 200 \text{ mg/d} \times 1.0\text{E-}06 \text{ kg/mg} \times 1 \times 350 \text{ events/y} \times 6\text{y}}{15 \text{ kg} \times 365\text{d/y} \times 6\text{y}}\end{aligned}$$

$$\begin{aligned}\text{Intake (mg/kg-day)} &= 4.4\text{E-}06 + 4.18\text{E-}05 \\ \text{Intake (mg/kg-day)} &= 4.6\text{E-}05\end{aligned}$$

$$\begin{aligned}\text{Hazard Quotient(HQ)} &= \text{Intake Dose/Reference Dose} \\ \text{Hazard Quotient(HQ)} &= 4.6\text{E-}05 \text{ mg/kg-day}/(3\text{E-}04 \text{ mg/kg-day})\end{aligned}$$

$$\text{HQ for Adult and Child} = 0.15$$

$$\begin{aligned}\text{HQ for Child Only} &= 4.18\text{E-}05/3\text{E-}04 \\ \text{HQ for Child Only} &= 0.14\end{aligned}$$

Equation For Exposure to Air:

This equation used to calculate intakes from inhalation of contaminated airborne soil particulates was obtained from EPA risk assessment guidance (EPA, 1989). Equation 4 was used to determine the inhalation of particulates between hypothetical future adult and child residents based on their different exposure parameters. The two components of Equation 4 were summed for the chemical carcinogens. For noncarcinogens, the intake values for the adult plus child and the child only were considered separately in order to calculate both an age-adjusted value and a value for young children (0-6 years old) only. Parameter values are shown in Table 3A.

Equation 4:

$$\text{Intake for Arsenic (mg/kg-day)} = \frac{CA_c \times AIR_i \times ET_a \times EF \times ED_a}{BW_a \times AT \times AD} + \frac{CA_c \times CIR_i \times ET_c \times EF \times ED_c}{BW_c \times AT \times AD}$$

Where:

CA _c	=	Chemical Concentration in Air (mg/m ³)
AIR _i	=	Adult Inhalation Rate (m ³ /hour)
CIR _i	=	Child Inhalation Rate (m ³ /hour)
ET _a	=	Adult Exposure Time (hr/d)
ET _c	=	Child Exposure Time (hr/d)
EF	=	Exposure Frequency (d/year)
ED _a	=	Adult Exposure Duration (years)
ED _c	=	Child Exposure Duration (years)
BW _a	=	Adult Body Weight (kg)
BW _c	=	Child Body Weight (kg)
AT	=	Averaging Time (365 days/year)
AD	=	Averaging Duration (years) (equal to ED for noncarcinogens and 70 years for carcinogens)

Suspension of Particulates:

Suspension of Particulates was modeled following Milham et al. (1975), who studied resuspension of plutonium from an old field that was converted to agriculture specifically for the

purposes of the study. Inhalable concentration of contaminants associated with suspended particulate matter was calculated as follows:

$$CA = SD \times CS \times SF \times R_f$$

where:

- CA = contaminant concentration in air (mg/m^3),
- SD = soil density (kg/m^3),
- CS = contaminant concentration in soil (mg/kg)
- SF = surface factor (0.01); used to calculate soil volume to a depth of 1 cm,
- R_f = resuspension factor; represents the amount of material which may become airborne (unitless).

A site-specific value of $5.0\text{E}-08$ was used for R_f based on the Milham et al. (1975) study. Milham obtained resuspension factors of $2.4\text{E}-07$ next to an operating tractor, $1.03\text{E}-06$ at 7.6 m from the tractor, and $5.0\text{E}-08$ at the edge of the field. Since none of the scenarios considered in the risk evaluation involve the high degree of soil disturbance associated with agriculture, the value of $5.0\text{E}-08$ is chosen as a conservative, site-specific value.

For Arsenic, CA is calculated below:

$$\begin{aligned} CA &= 1.6\text{E}+03 \text{ kg}/\text{m}^3 \times 3.2 \text{ mg}/\text{kg} \times 0.01 \times 5.0\text{E}-08 \\ CA &= 2.56\text{E}-06 \text{ mg}/\text{m}^3 \end{aligned}$$

$$\text{Intake} = \frac{2.56\text{E}-06 \text{ mg}/\text{m}^3 \times 0.83 \text{ m}^3/\text{hr} \times 24 \text{ hr}/\text{d} \times 350\text{events}/\text{y} \times 24\text{y}}{70 \text{ kg} \times 365\text{d}/\text{y} \times 70\text{y}} +$$

$$\frac{2.56\text{E}-06 \text{ mg}/\text{m}^3 \times 1.0 \text{ m}^3/\text{hr} \times 24 \text{ hr}/\text{d} \times 350\text{events}/\text{y} \times 6\text{y}}{15 \text{ kg} \times 365\text{d}/\text{y} \times 70\text{y}}$$

$$\text{Intake (mg/kg-day)} = 2.4\text{E}-07 + 3.37\text{E}-07$$

$$\text{Intake (mg/kg-day)} = 5.8\text{E}-07$$

$$\text{Risk for Arsenic} = \text{Intake} \times \text{Slope Factor}$$

$$\text{Risk for Arsenic} = 5.8\text{E}-07 \text{ mg}/\text{kg-day} \times 5.0\text{E}+01(\text{mg}/\text{kg-day})^{-1}$$

$$\text{Risk for Arsenic} = 2.9\text{E}-05$$

Non-carcinogenic Risk Calculation:

$$\text{Intake} = \frac{2.56\text{E-}06 \text{ mg/m}^3 \times 0.83 \text{ m}^3/\text{hr} \times 24 \text{ hr/d} \times 350 \text{ days/y} \times 24\text{y}}{70 \text{ kg} \times 365\text{d/y} \times 24\text{y}} +$$

$$\frac{2.56\text{E-}06 \text{ mg/m}^3 \times 1.0 \text{ m}^3/\text{hr} \times 24 \text{ hr/d} \times 350\text{days/y} \times 6\text{y}}{15 \text{ kg} \times 365\text{d/y} \times 6\text{y}}$$

$$\text{Intake (mg/kg-day)} = 7.07\text{E-}07 + 3.9\text{E-}06$$

$$\text{Intake (mg/kg-day)} = 4.6\text{E-}06$$

$$\text{Hazard Quotient(HQ)} = \text{Intake Dose/Reference Dose}$$

$$\text{Hazard Quotient(HQ)} = 4.6\text{E-}06 \text{ mg/kg-day}/(8.3\text{E-}05 \text{ mg/kg-day})$$

$$\text{HQ for Adult and Child} = 0.055$$

$$\text{HQ for Child Only} = 3.9\text{E-}06/(8.3\text{E-}05)$$

$$\text{HQ for Child Only} = .047$$

Total Risk for Arsenic is shown in Table C-1:

Table C-1
Carcinogenic/Non-Carcinogenic Results for 3.2 mg/kg Arsenic

Pathway	Carcinogenic Risk Adult and Child (Unitless)	Non-Carcinogenic Risk	
		Adult and Child (Unitless)	Child only (Unitless)
Dermal Contact	4.7E-08	3.9E-04	2.6E-04
Ingestion	8.8E-06	1.5E-01	1.4E-01
Inhalation	2.9E-05	5.5E-02	4.7E-02
Total Risk	3.8E-05	2.0E-01	1.9E-01

Table C-2

**TOXICITY VALUES FOR ARSENIC: CARCINOGENIC EFFECTS
GRACE ROAD SITE**

Weight of Evidence Classification	Slope Factor		Chemical Route	Type of Cancer: Organ/Target Species	Source
	Oral (mg/kg-d) ⁻¹	Inhalation (mg/kg-d) ⁻¹			
A	1.75	50	Oral Inhalation	Tumors: Respiratory System/Humans Cancer: Lung/Human	IRIS HEAST

**ORAL TOXICITY VALUE ADJUSTED FOR AN ABSORBED DOSE
(FOR USE IN CALCULATING RISK FROM DERMAL EXPOSURE)**

Percent (%) GI Absorption	Adjusted Slope Factor (mg/kg-d) ⁻¹	Adjusted Reference Dose (mg/kg-d) ⁻¹	Reference
95 %	1.8	2.9E-04	ATSDR, 1991

**TOXICITY VALUES FOR ARSENIC: NONCARCINOGENIC EFFECTS
GRACE ROAD SITE**

Oral RfD (mg/kg-d)	Inhalation RfC (mg/kg-d)	Chemical Route	Critical Effects	Source
3E-04	8.3E-05	Oral/Inhalation	Hyperpigmentation Keratoses	IRIS/ORNL

TABLE C-3

**VALUES ASSUMED FOR RME HUMAN EXPOSURE PARAMETERS
(SOILS)**

Exposure Parameter	UNIT	FUTURE ON-UNIT RESIDENT ADULT	FUTURE ON-UNIT RESIDENT CHILD
Body Weight (BW)	kg	70	15
Exposure Duration (ED)	yr	24	6
Exposure Frequency (EF)	d/yr	350	350
Exposure Time (ET)	hr/d	24	24
Adherence Factor of Soil to Skin (AF)	mg/cm ²	0.2	0.2
Skin Surface Area Available for Contact (SA)	cm ²	5,000	1,800
Ingestion Rate (IR ₀)	mg/d	100	200
Inhalation Rate (IR _i)	m ³ /hr	0.83	1.0
Fraction Ingested from Contaminated Source (FI)	Unitless	1.0	1.0
Absorption Factor (ABS)	Unitless	0.001	0.001

LEAD UPTAKE/BIOKINETIC MODEL RESULTS

The output of the U. S. EPA integrated exposure uptake/biokinetic model for lead in children (EPA, 1994a) was used for the Grace Road Unit where the soil lead concentration was high, 48.1 mg/kg. The site-specific and default parameter values employed in the model are presented in Table C-4.

TABLE C-4
PARAMETER VALUE/ASSUMPTIONS FOR THE LEAD UPTAKE
BIOKINETIC MODEL

ABSORPTION METHODOLOGY: Non-Linear Active-Passive

AIR CONCENTRATION: 0.000 ug Pb/m³

Indoor AIR Pb Concentration: 30.0 percent of outdoor

Other AIR Parameters:

Age	Time Outdoors (hours)	Ventilation Rate (m ³ /day)	Lung Absorption (%)
0 - 1	1.0	2.0	32.0
1 - 2	2.0	3.0	32.0
2 - 3	3.0	5.0	32.0
3 - 4	4.0	5.0	32.0
4 - 5	4.0	5.0	32.0
5 - 6	4.0	7.0	32.0
6 - 7	4.0	7.0	32.0

DIET: DEFAULT

DRINKING WATER Concentration: 0.00 ug Pb/L

WATER CONSUMPTION: DEFAULT

SOIL AND DUST:

Soil: constant concentration

Dust: Multiple Source Analysis

Age	Soil (ug Pb/g)	House Dust (ug Pb/g)
0 - 1	48.1	13.5
1 - 2	48.1	13.5
2 - 3	48.1	13.5
3 - 4	48.1	13.5
4 - 5	48.1	13.5
5 - 6	48.1	13.5
6 - 7	48.1	13.5

EXHIBIT

Additional Dust Sources: None; DEFAULT

Soil contribution conversion factor: 0.28; DEFAULT

Air contribution conversion factor: 100.0

PAINT Intake: 0.00 ug Pb/day; DEFAULT

MATERNAL CONTRIBUTION: Infant Model

Maternal Blood Concentration: 0.00 ug Pb/dl

CALCULATED BLOOD Pb and Pb UPTAKES

Year	Blood Level ($\mu\text{g/dl}$)	Total Uptake ($\mu\text{g/day}$)	Soil + Dust Uptake ($\mu\text{g/day}$)
0.5 - 1	1.10	3.81	0.87
1 - 2	1.13	3.83	0.87
2 - 3	1.17	4.27	0.87
3 - 4	1.20	4.16	0.87
4 - 5	1.23	4.05	0.87
5 - 6	1.24	4.25	0.87
6 - 7	1.29	4.61	0.87

Year	Diet Uptake ($\mu\text{g/day}$)	Water Uptake ($\mu\text{g/day}$)	Paint Uptake ($\mu\text{g/Day}$)	Air Uptake ($\mu\text{g/day}$)
0.5 - 1	2.94	0.00	0.00	0.00
1 - 2	2.96	0.00	0.00	0.00
2 - 3	3.40	0.00	0.00	0.00
3 - 4	3.29	0.00	0.00	0.00
4 - 5	3.18	0.00	0.00	0.00
5 - 6	3.38	0.00	0.00	0.00
6 - 7	3.74	0.00	0.00	0.00