For: KA/Sanitation

DORSEY & WHITNEY
Minneapolis, Minnesota

ENSR®

Phase II Investigation Former Montgomery Ward Service Station Bloomington, Minnesota

ENSR Corporation
May 1999
Document Number 2300-028-100

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1. INTRODUCTION AND BACKGROUND

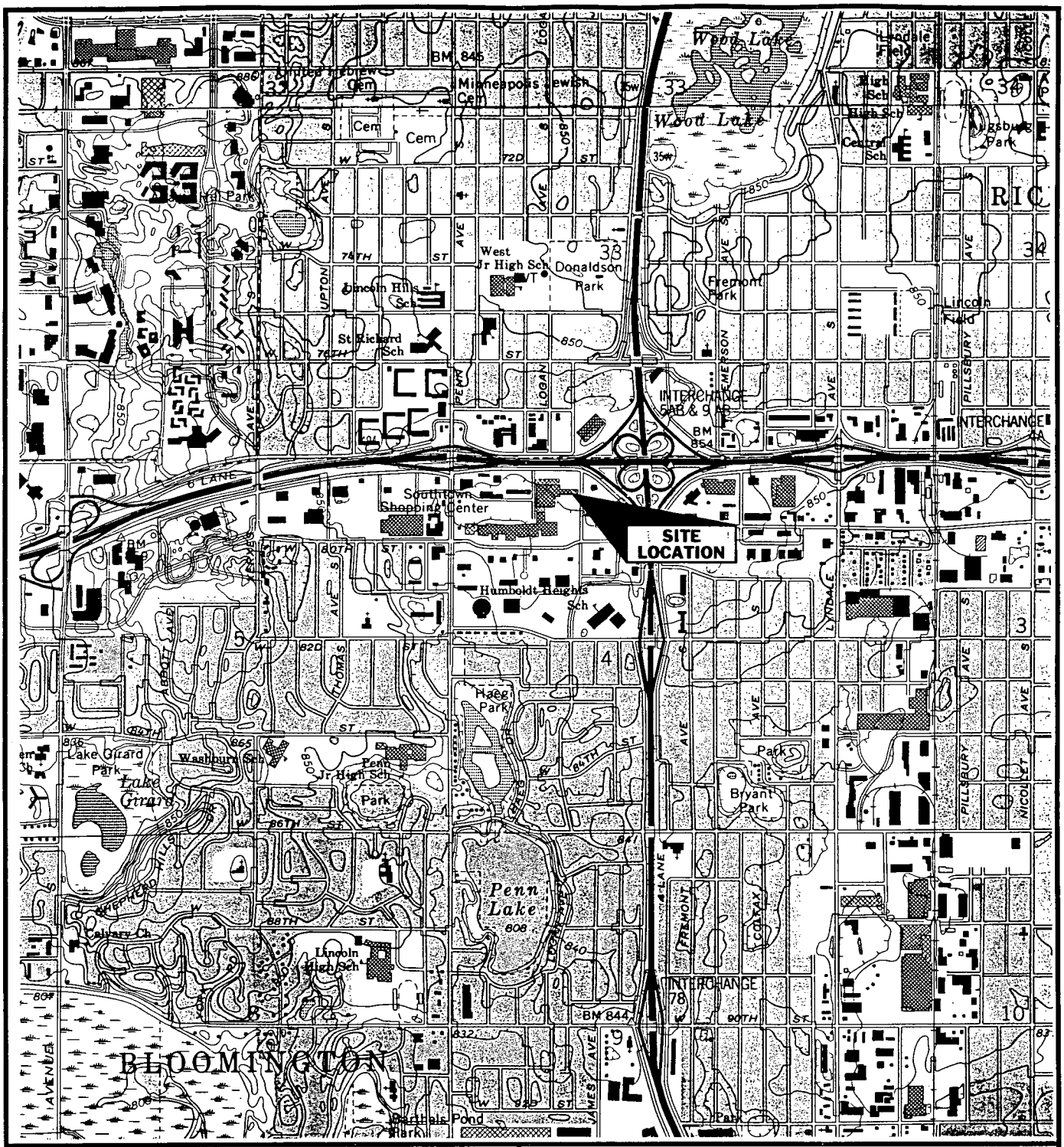
This report describes the Phase II Site Investigation of the property located at the former Montgomery Ward Automotive Service Center (subject property) at the Southtown Shopping Center in Bloomington, Minnesota. The investigation consisted of advancing 16 borings to various depths up to 28 feet. Soil samples were collected from all the borings for environmental analysis and groundwater samples were collected from six of the borings for environmental analysis. This report provides some background information about the subject property, then discusses the Phase II work, results, and conclusions.

The former subject property is located at the southwest intersection of Highway 494 and Highway 35W as shown in Figure 1-1. The approximate layout of the former service center is shown on Figure 1-2.

The property was used as an automotive service center. The service center had 10 service bays and hydraulic lifts for car repair, underground storage tanks (USTs) for storing motor oil and used oil, flammable waste sumps and a battery storage area. The service center opened in the early 1960s and was in operation for approximately 36 years. At the request of Kraus-Anderson (property owner), Braun Intertec Corporation (Braun) conducted a Phase I Investigation and an Initial Subsurface Investigation during September 1998. The purpose of the Phase I was to evaluate the property for any recognizable condition as defined in ASTM Standard Practice E1527-92. The purpose of the Initial Subsurface Investigation was to evaluate soil conditions in an area of stained soil. Braun's Phase I Investigation and Initial Subsurface Investigation revealed the environmental issues in several areas of the subject property which became targets for this Phase II Investigation. These target areas are discussed below.

An area of petroleum staining approximately 25 feet long and 5 feet wide was observed on the north side of the building. Braun collected one soil sample at a depth of 0.5 feet below the ground surface. Laboratory results from this soil sample indicate concentrations of diesel range organics (DRO), several polynuclear aromatic hydrocarbons (PAH), and three metals which exceed Minnesota Pollution Control Agency (MPCA) soil reference values (SRVs). The depth of the impacted soil was not determined.

According to Braun's report, electrolyte from lead-acid batteries leaked in a large battery storage area inside the building. Approximately 8,000 pounds of soil was excavated and disposed of as D008 hazardous waste (e.g., lead above TCLP limit). No laboratory results or documentation was available to confirm all impacted soil has been removed.



SOURCE: USGS 7½ Minute Topographic Quadrangles, Bloomington, Minnesota 1967, revised 1993, and Minneapolis South, Minnesota 1967, revised 1993

SCALE

0 1/4 1/2 1 MILE

N

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FIGURE 1-1

PROPERTY LOCATION MAP

Montgomery Ward
Bloomington, Minnesota

DRAWN: CMB	DATE: March 1999	PROJECT NO: 2300-028-100	REV: 0
FILE NO.: FIG1.DOC	CHECKED: PJM		

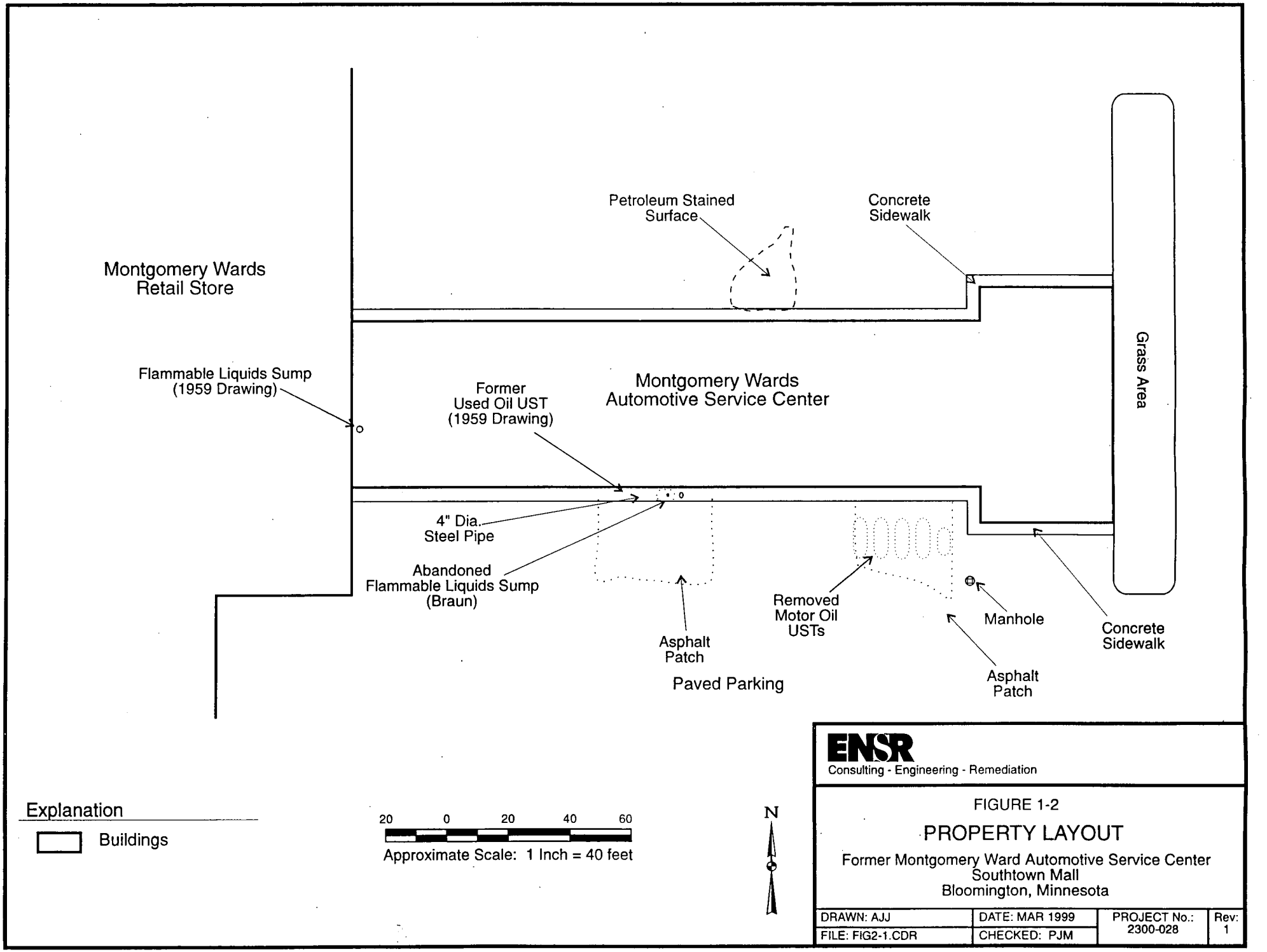
Montgomery Wards
Retail Store
Petroleum Stained
Surface
Concrete
Sidewalk
Grass Area
Flammable Liquids Sump
(1959 Drawing)
Former
Used Oil UST
(1959 Drawing)
Montgomery Wards
Automotive Service Center
4" Dia.
Steel Pipe
Abandoned
Flammable Liquids Sump
(Braun)
Asphalt
Patch
Paved Parking
Removed
Motor Oil
USTs
Manhole
Concrete
Sidewalk
Asphalt
Patch
Explanation
Buildings
20 0 20 40 60
Approximate Scale: 1 Inch = 40 feet
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FIGURE 1-2
PROPERTY LAYOUT
Former Montgomery Ward Automotive Service Center
Southtown Mall
Bloomington, Minnesota
DRAWN: AJJ
DATE: MAR 1999
PROJECT No.: 2300-028
Rev: 1
FILE: FIG2-1.CDR
CHECKED: PJM
R:\ENSR\2300-028.CDR

Two flammable liquid sumps (sumps) were used at the subject property. One sump has been abandoned. No environmental testing has been done in the vicinity of the sumps.

Ten service bays with hydraulic lifts were used at the subject property.

The following former UST locations were reportedly investigated by Twin City Testing in 1991:

- One 540-gallon used oil tank
- Two 2,000 gallon motor oil tanks
- Two 1,000 gallon motor oil tanks
- One former 500-gallon used oil tank

Braun reported that results from TCT indicated hydrocarbons were detected in soils in the vicinity of the former motor oil USTs.

ENSR's scope of work for the subsurface investigations was developed to determine if the above-referenced environmental issues have impacted subsurface soil and/or groundwater at the subject property.

2. SCOPE OF THE INVESTIGATION

ENSR advanced 16 soil borings at the subject property utilizing either a direct push sampling technologies or a hand auger. The approximate locations of borings GP-1 through GP-16 are shown on Figure 2-1. Six borings were advanced into the water table and groundwater samples were collected from these six boreholes. Groundwater was encountered at a depth of approximately 23 to 24 feet.

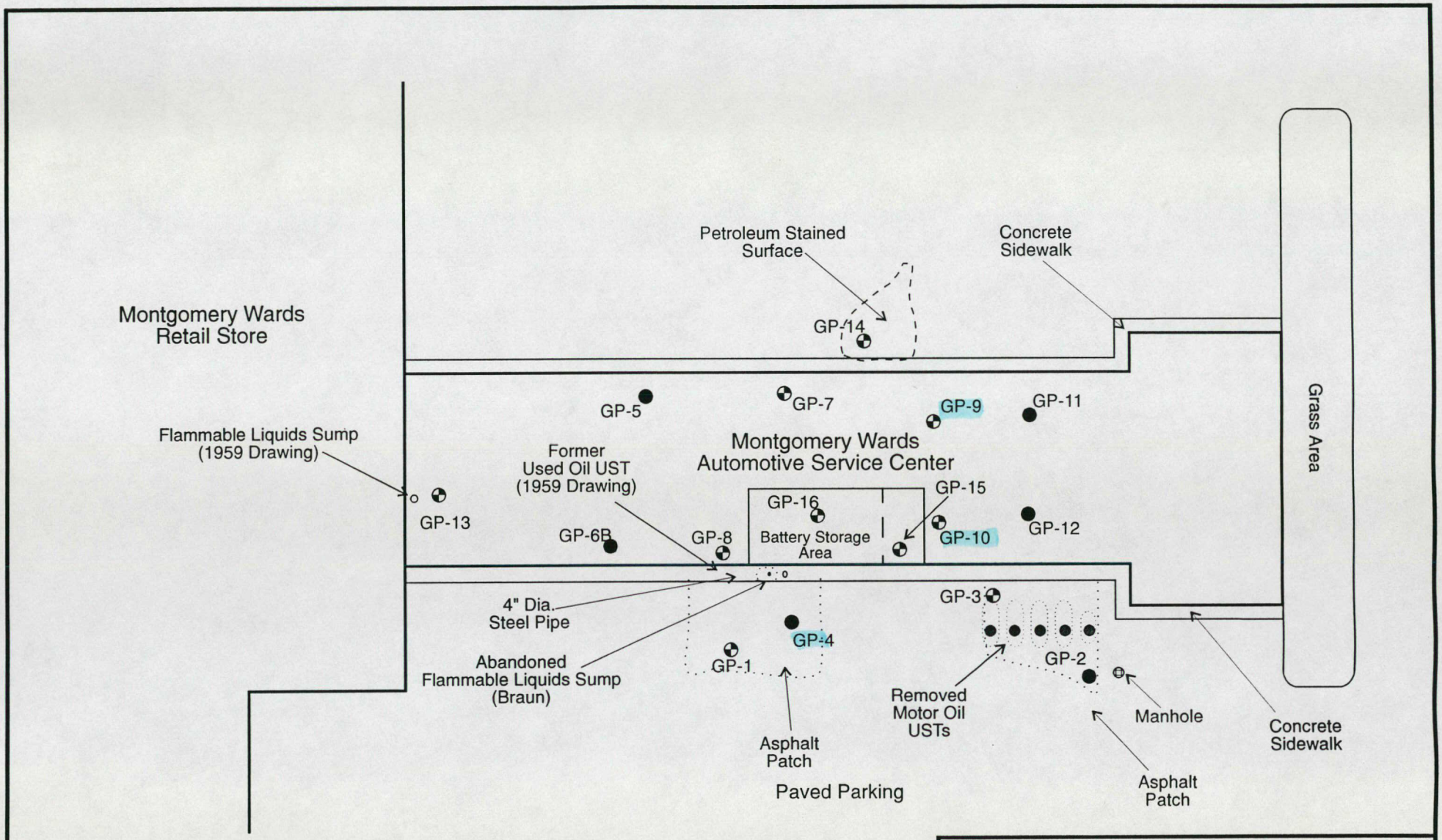
Soil samples were collected from all boring locations. In 13 of the 16 borings, soil samples were collected using a 4-foot long, 2-inch diameter sampling spoon pushed by a Geoprobe type rig. In areas inaccessible by the rig, a hand auger was used to collect soil samples. Appendix A contains the boring logs and a summary of other data recorded for this project.

Soil samples were visually classified by the field geologist, and were placed in airtight plastic bags for field screening. The presence of organic vapors was screened using a portable photoionization detector (PID), and any odors, discoloration, or other signs of environmental significance were recorded. These readings and observations are provided on the boring logs in Appendix A.

The borings that were drilled into the water table (to depths of 23 to 28 feet) include GP-2, GP-4, GP-5, GP-6B, GP-11 and GP-12. Borings GP-1 and GP-3 were drilled to a depth of 20 feet. Borings GP-7, GP-8, GP-9, and GP-10 were advanced to 16 feet. Boring GP-14 was drilled, in the petroleum-stained area, to a depth of 10 feet on the north side of the building. Boring GP-13 was advanced to 4.5 feet adjacent to the sump located in the western end of the building. Borings GP-15 and GP-16 were advanced to a depth of 4.5 feet in the former battery storage area.

Soil samples were collected on a continuous basis and field screened for volatile organic compounds (VOCs) using a PID and standard headspace methods. The sample exhibiting the highest PID reading from each boring was submitted for laboratory analysis. If VOCs were not detected by the PID, then the soil sample collected from just above the field interpreted groundwater table, or, if groundwater was not encountered, the sample from a depth of 10 feet or maximum depth explored was retained for laboratory analysis. Soil samples retained for laboratory analysis were placed in laboratory-supplied containers and were transported on ice under chain-of-custody to Pace Analytical in Minneapolis, Minnesota.

Groundwater samples were collected from borings GP-2, GP-4, GP-5, GP-6B, GP-11, and GP-12 to provide spatial representation of the groundwater on the subject property.



Explanation

- Buildings
- Approximate TCT Soil Boring Location (November 1991)
- ENSR Boring Location - soil samples collected
- ENSR Boring Location - soil and groundwater samples collected

20 0 20 40 60

Approximate Scale: 1 Inch = 40 feet

N

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FIGURE 2-1

BORING LOCATIONS

Former Montgomery Ward Automotive Service Center
Southtown Mall
Bloomington, Minnesota

DRAWN: AJJ	DATE: MAR 1999	PROJECT No.: 2300-028	Rev: 1
FILE: FIG2-1.CDR	CHECKED: PJM		

R:\ENSR\2300-028.CDR

Groundwater samples were collected at a depth of 23 to 24 feet using machine-slotted probe rods and dedicated, clean polyethylene tubing with a check valve. The groundwater samples were placed in laboratory-supplied containers and were shipped on ice under chain-of-custody to Pace Analytical in Minneapolis, Minnesota.

A total of 14 soil samples were submitted and analyzed at Pace Analytical for VOC using Minnesota Department of Health Method 465E, and for DRO. Additionally, 10 of the 14 soil samples were analyzed for the eight RCRA metals (Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver). The sample from boring GP-14, installed at the stained surface area on the north side of the building, was additionally analyzed for PAH. The two soil samples collected from the battery storage area, GP-15 and GP-16, were analyzed for lead and pH.

The six groundwater samples were analyzed for VOCs, DRO, and the eight RCRA metals (total metals).

3. RESULTS OF INVESTIGATION

3.1 Site Geology

The 16 borings revealed similar subsurface conditions throughout the area investigated. The uppermost 23 feet consisted of fine sand with some areas of silty sand. From approximately 23 to 24 feet below grade to the bottom of the boring, the soil consisted of fine to coarse sand with a trace of gravel. Groundwater was encountered at approximately 23 to 24 feet below grade.

3.2 Soil Analytical Results

Laboratory analytical results from the soil samples submitted for laboratory analyses are included on Table 3-1. The results shown include parameters that were detected in at least one of the samples. Pace's report of the laboratory analytical results is included in Appendix B.

Soil samples were screened with a PID and visually inspected for indications of contamination. None of the soil samples collected form GP-1, GP-3 and GP-14 revealed the presence of organic vapors screened with the PID. In the other borings, PID readings ranged from 0 to a high of 21 units. Petroleum hydrocarbon odors were noted in boring GP-6B. No other field observations indicated the presence of contamination.

None of the soil samples had concentrations of any chemicals that exceeded the MPCA's Residential Human Health-Based SRV. Soil samples from GP-4, GP-9, and GP-10 had detectable concentrations of DRO. The MPCA has a guideline of 50 ppm DRO for sandy soils. The soil sample from GP-7 had detectable concentrations of toluene. Soil samples from GP-2, GP-4, GP-5, GP-6B, GP-7, GP-8, GP-9, GP-11, GP-12 and GP-14 had detectable concentrations of one or more of the following metals: barium, chromium, lead, selenium and/or silver. Soil samples from GP-15 had detectable concentrations of lead and had a pH of 10.4. Soil samples from GP-16 indicated no detectable concentrations of lead and a pH of 10.3. Methylene chloride was detected in soil samples collected from GP-3, GP-7, GP-9, GP-13, and GP-14. The analytical laboratory indicated that the methylene chloride is a common laboratory contaminant. A telephone conversation with the project manager at the laboratory indicated that the methylene chloride detected is most likely an artifact from cleaning laboratory equipment.

Table 3-1

Summary of Soil Analytical Results
Montgomery Ward Phase II

Analyte	Sample ID and Analytical Result																
	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6B	GP-7	GP-8	GP-9	GP-10	GP-11	GP-12	GP-13	GP-14	GP-15	GP-16	SRV
Depth of sample (feet)	8-12	20-24	8-12	0-4	24-28	26-28	8-12	12-16	8-12	8-12	20-24	16-20	0.5-4.5	8-10	0.5-4.5	0.5-4.5	NA
Organics																	
methylene chloride (ppb)	ND	ND	99	ND	ND	ND	510	ND	190	ND	ND	ND	160	120	NA	NA	none
toluene (ppb)	ND	ND	ND	ND	ND	ND	58	ND	ND	ND	ND	ND	ND	ND	NA	NA	145000
DRO (ppm)	ND	ND	ND	54	ND	ND	ND	ND	9.6	15	ND	ND	ND	ND	NA	NA	none
Metals																	
barium (ppm)	NA	26.9	NA	35.4	54.9	24	33.1	29.8	49.5	NA	495	38.1	NA	37.1	NA	NA	2300
chromium (ppm)	NA	3.59	NA	4.5	3.46	5.67	5.12	3.95	5.84	NA	4.74	6.04	NA	4.6	NA	NA	24000
lead (ppm)	NA	ND	NA	ND	4.34	ND	5.82	3.1	5.29	NA	4.09	4.16	NA	4.83	5.6	ND	400
selenium (ppm)	NA	ND	NA	6.01	ND	7.65	ND	ND	ND	NA	ND	0.852	NA	ND	NA	NA	174
silver (ppm)	NA	ND	NA	ND	ND	0.51	1.01	1.1	0.99	NA	1.49	0.852	NA	ND	NA	NA	174

Note : ND = None Detected
NA = Not Analyzed
Only those compounds detected in at least one sample are shown

3.3 Groundwater Analytical Results

Laboratory analytical results from the soil samples submitted for laboratory analyses are included on Table 3-2. The results shown include parameters that were detected in at least one of the samples. Pace's report of the laboratory analytical results is included as Appendix B.

Groundwater samples from GP-2, GP-4 and GP-12 had detectable concentrations of ethylbenzene and toluene. Groundwater samples from GP-5 had detectable concentrations of tetrachloroethene, ethylbenzene, and toluene. Groundwater samples from GP-6B had detectable concentrations of ethylbenzene, tetrachloroethene, toluene and DRO. All these parameters detected were below the Minnesota Department of Health's Health Risk Limits (HRLs). No HRLs were exceeded for petroleum hydrocarbon chemicals or solvent chemicals.

All of the groundwater samples had detectable concentrations of one or more of the following metals: arsenic, barium, cadmium, chromium, lead, mercury and/or silver.

Table 3-2

Summary of Groundwater Analytical Results
Montgomery Ward Phase II

Analyte	Sample ID and Analytical Results						
	GP-2	GP-4	GP-5	GP-6B	GP-11	GP-12	HRLs
Organics							
ethylbenzene (ppb)	**0.68**	**0.57**	**0.77**	**0.81**	ND	**0.69**	700
tetrachloroethene (ppb)	**0.58**	ND	**0.54**	**1.3**	ND	ND	7
toluene (ppb)	**0.71**	**0.64**	**0.73**	**0.76**	ND	**0.72**	1000
DRO (ppm)	ND	ND	ND	**0.22**	ND	ND	none
Metals							
total arsenic (ppb)	**1170**	ND	**2340**	**541**	**2470**	**1500**	none
total barium (ppb)	**29300**	**10000**	**16100**	**7370**	**33700**	**26000**	none
total cadmium (ppb)	ND	ND	ND	ND	**55.8**	ND	none
total chromium (ppb)	**759**	**784**	**911**	**793**	**636**	**723**	none
total lead (ppb)	**1070**	**756**	**592**	**600**	**601**	**798**	none
total mercury (ppb)	**2.91**	**1.62**	**1.09**	**1.74**	**1.38**	**1.47**	none
total silver (ppb)	ND	ND	ND	**85**	ND	ND	none

Note: ND = None detected
Only those compounds detected in at least one sample are shown

4. DISCUSSION

The criteria used to evaluate soil at the subject property are based upon the MPCA's SRV. These values are based on human health and limited multiple pathway exposure scenarios such as incidental soil/dust ingestion, dermal contact and inhalation. All soil samples taken from the subject property had chemical concentrations below the SRVs. The two soil samples collected in the former battery storage area had pH values over 10 and lead concentrations below the SRVs. The elevated pH levels and low lead concentrations detected in the two soil samples collected from the battery storage area indicate the soil from zero to five feet in GP-15 and GP-16 is not impacted from leakage from batteries. The typical range of pH in soils is from five to nine. A pH value of 10 indicates that the soil pH may have been affected by the addition of a basic substance such as lime that may have been used to neutralize battery acid.

The MPCA has DRO guidelines established for petroleum hydrocarbon remediation. During excavation of petroleum contaminated soil, the MPCA may require additional investigation (e.g. boring to the water table) if the water table is within 25 feet and soil contamination is between 1 and 50 ppm DRO. The soil sample from GP-4 (0 – 4') had a DRO concentration of 54 ppm. Boring GP-4 was advanced to the water table. Low levels of petroleum hydrocarbons were detected from the groundwater sample collected from GP-4. Boring GP-1 was advanced 20 feet southwest of GP-4. No petroleum hydrocarbons or solvents were detected in the soil sample from GP-1. Based on these results, it appears that the petroleum hydrocarbons in GP-4 are shallow and very localized. Work done as part of this investigation meets the MPCA requirements for additional investigation.

The criteria used to evaluate organics in groundwater at the subject property are based upon the Minnesota Department of Health's HRLs. The HRLs are based upon the highest dissolved concentration of a groundwater contaminant that can be safely consumed daily for a human lifetime. None of the organic parameters (petroleum hydrocarbons and solvents) exceeded the HRLs.

The groundwater samples were analyzed for total metals, rather than dissolved metals, therefore, the metals' results cannot be compared directly with the HRLs. The metals results are influenced by the adsorption of metals onto suspended sediment in the samples. The levels of total metals found at the site are consistent with ENSR's experience with other Minnesota locations. Together, the soil and groundwater data do not indicate elevated levels of metals at the site.

There are many physical and chemical factors that influence movement of contaminants in the soil and groundwater. In sandy soil, contaminants tend to move downward to the

water table. Once contaminants enter the water table, they are affected by the groundwater movement and tend to move in the direction of groundwater. The sandy soils at the site are such that a release/discharge of petroleum hydrocarbons would migrate downward through the sand and then spread out laterally once encountering the water table.

Based upon ENSR's review of topographic maps, the inferred direction of regional groundwater flow is southward toward the Minnesota River. Surficial groundwater in the area is unlikely used for potable purposes. The City of Bloomington supplies potable water to the public. The City obtains its water through wells that extract groundwater from a much deeper source.

ENSR collected groundwater samples from GP-4 and GP-2 that were downgradient of potential sources (e.g., former USTs and sources inside the building). Groundwater samples from borings GP-5, GP-6, GP-11 and GP-12 were strategically located to detect discharges from the flammable waste sumps and/or lifts.

5. SUMMARY

This Phase II Investigation consisted of advancing 16 borings to various depths up to 28 feet. Soil samples were collected from all the borings for environmental analysis and groundwater samples were collected from six of the borings for environmental analysis.

The soil analytical results determined that the soil at the site contains relatively low concentrations of petroleum hydrocarbons, metals and VOCs. The compounds detected were all below the MPCA SRVs. No "source" soils were identified.

Groundwater analytical results from the site indicate relatively low petroleum hydrocarbons and VOCs were detected in the groundwater. The higher barium and other metal results can be attributed to metals adsorbed onto suspended sediment in the samples. Together, the soil and groundwater data do not indicate elevated levels of metals at the site. Groundwater data show no major releases.

Based on the data collected for this investigation, it appears that the potential sources of contamination (i.e. lifts, USTs, sumps, stained soils and former battery storage area) have not significantly affected the environment.

APPENDIX A

Soil Boring Information

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-1.LOG

Log of Borehole: GP-1

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
0		Blacktop		
1–4		SILTY FINE SAND, brown, moist	0	
5–8		FINE SAND, brown, moist	0	
9–12		SILTY FINE SAND, brown, moist	0	Soil sample collected from 8-12' for laboratory analysis
13–16			0	
17–20			0	Boring hole filled with bentonite and topped with black top
20		End of boring at 20 feet		

Drilled by: Thein Well

Drill Date: February 22, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO and 465E

Water samples analyzed for: Not collected

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-2.LOG

Log of Borehole: GP-2

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
0		Blacktop		
1–8		FINE to MEDIUM SAND, brown, moist	0 0	
8–16		SILTY FINE SAND, brown, moist	0 4.9	
16–20		SILTY FINE SAND with 2-4 inch thick SILT layers, brown, moist	4.9	

Drilled by: Thein Well

Drill Date: February 22, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO, RCRA Metals and 465E

Water samples analyzed for: DRO, RCRA Metals and 465E

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-2.LOG

Log of Borehole: GP-2

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
21–23			8.1	Soil sample collected from 20-24' for laboratory analysis
23–24		SILTY FINE SAND with GRAVEL, brown, water bearing		Water samples collected at 24' for laboratory analysis
24–28		FINE to COURSE SAND with a trace of GRAVEL, brown, water bearing	0	
28		End of boring at 28 feet		Boring hole filled with bentonite and topped with black top

Drilled by: Thein Well

Drill Date: February 22, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO, RCRA Metals and 465E

Water samples analyzed for: DRO, RCRA Metals and 465E

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-3.LOG

Log of Borehole: GP-3

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
0		Blacktop		
1–8		SILTY FINE to MEDIUM SAND, brown, moist	0 0	
8–16		SILTY FINE SAND with 2-5 inch thick SILT layers, brown, moist	0 0	Soil sample collected from 8-12' for laboratory analysis
16–20		FINE SAND, brown, moist	0	Boring hole filled with bentonite and topped with black top
20		End of boring at 20 feet		

Drilled by: Thein Well

Drill Date: February 22, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO and 465E

Water samples analyzed for: Not collected

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-4.LOG

Log of Borehole: GP-4

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
0		Blacktop		
1–4		FINE to MEDIUM SAND, brown, moist	5.1	Soil sample collected from 0-4' for laboratory analysis
5–8		SILTY FINE SAND, brown, moist	0	
9–12			0	
13–16			0	
17–20		SILTY FINE SAND with 2-4 inch thick SILT layers, brown, moist	0	

Drilled by: Thein Well

Drill Date: February 22, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO, RCRA Metals and 465E

Water samples analyzed for: DRO, RCRA Metals and 465E

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

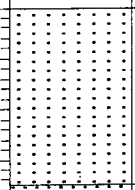
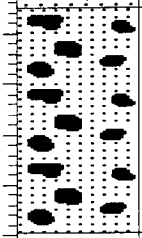
Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-4.LOG

Log of Borehole: GP-4

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
21–23		FINE SAND with layers of MEDIUM SAND, brown, moist	0	
24–27		FINE to COURSE SAND with a trace of GRAVEL, brown, water bearing	0	Water sample collected at 24' for laboratory analysis
28		Boring ended at 28 feet		Boring hole filled with bentonite and topped with black top
29–40				

Drilled by: Thein Well

Drill Date: February 22, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO, RCRA Metals and 465E

Water samples analyzed for: DRO, RCRA Metals and 465E

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-5.LOG

Log of Borehole: GP-5

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
0		Concrete		
1–6		SILTY FINE SAND, brown, moist	1.6 8.1	
6–12		SILTY FINE SAND, brown, moist	4.9	
12–16		SILTY FINE SAND with 2-4 inch SILT layers, brown, moist	8.1	
16–20		SILTY FINE SAND with 2-4 inch SILT layers, brown, moist	8.1	

Drilled by: Thein Well

Drill Date: February 23, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO, RCRA Metals and 465E

Water samples analyzed for: DRO, RCRA Metals and 465E

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-5.LOG

Log of Borehole: GP-5

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
21–24		SILTY FINE to MEDIUM SAND, brown, moist	8.1	Water samples collected at 24' for laboratory analysis
25–28		FINE to COURSE SAND, brown, water bearing	14.7	Soil sample collected from 24-28' for laboratory analysis
29–40		Boring ended at 28 feet		Boring hole filled with bentonite and topped with concrete

Drilled by: Thein Well

Drill Date: February 23, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO, RCRA Metals and 465E

Water samples analyzed for: DRO, RCRA Metals and 465E

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-6a.LOG

Log of Borehole: GP-6A

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
0		Concrete		
1–7		SILTY FINE SAND, brown, moist	8.1 8.1	Petroleum odor Refusal at 7.5 feet. Relocated boring to 6b
8–20				

Drilled by: Thein Well

Drill Date: February 24, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: Not collected

Water samples analyzed for: Not collected

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-6b.LOG

Log of Borehole: GP-6B

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
0		Concrete		
1–12		SILTY FINE SAND, brown, moist	8.1 4.9 8.1	
12–16		SILTY FINE SAND with 2-4 inch SILT layers, brown, moist	4.9	
16–20		SILTY FINE SAND, brown, moist	11.4	

Drilled by: Thein Well

Drill Date: February 24, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO, RCRA Metals and 465E

Water samples analyzed for: DRO, RCRA Metals and 465E

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-6b.LOG

Log of Borehole: GP-6B

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
21–23			18.0	
24–28		FINE to COURSE SAND, brown, water bearing	21.2	Water sample collected at 25' Soil sample collected from 26-28' for laboratory analysis
28		Boring ended at 28 feet		Boring hole filled with bentonite and topped with concrete

Drilled by: Thein Well

Drill Date: February 24, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO, RCRA Metals and 465E

Water samples analyzed for: DRO, RCRA Metals and 465E

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-7.LOG

Log of Borehole: GP-7

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
0		Concrete		
1–4		SILTY FINE to MEDIUM SAND, brown, moist	0	
4–8		SILTY FINE SAND, brown, moist	0	
8–12		SILTY FINE SAND, brown, moist	4.9	Soil sample collected from 8-12' for laboratory analysis
12–16		SILTY FINE SAND, brown, moist	4.9	Boring hole filled with bentonite and topped with black top
16–20				

Drilled by: Thein Well

Drill Date: February 22, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO, RCRA Metals and 465E

Water samples analyzed for: Not collected

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-8.LOG

Log of Borehole: GP-8

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
0		Concrete		
1–16		SILTY FINE SAND, brown, moist	0	
			4.9	
			8.1	
			11.4	Soil sample collected from12-16' for laboratory analysis
16		Boring ended at 16 feet		Boring hole filled with bentonite and topped with concrete
17–20				

Drilled by: Thein Well

Drill Date: February 24, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO, RCRA Metals and 465E

Water samples analyzed for: Not collected

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

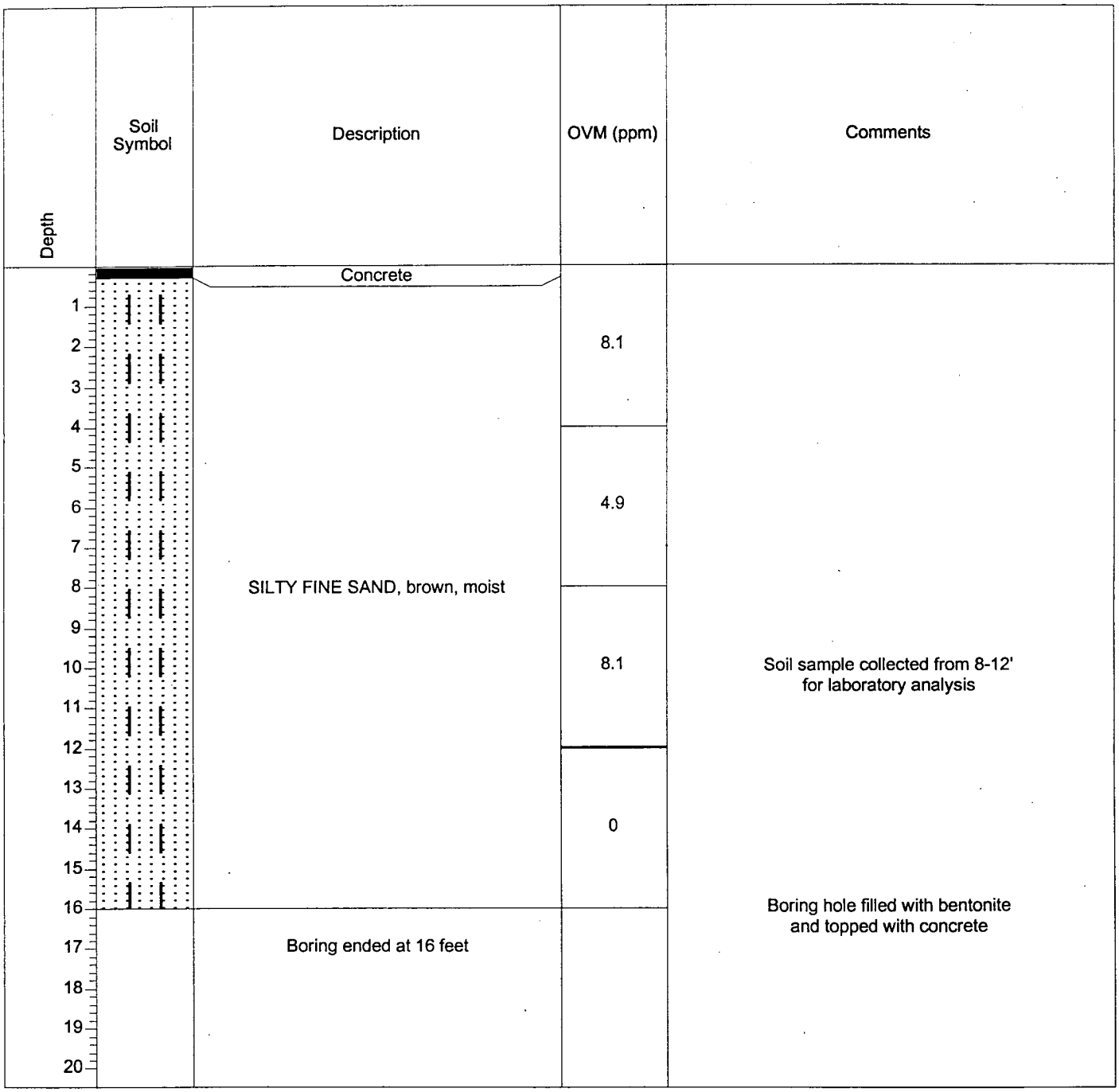
Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-9.LOG

Log of Borehole: GP-9

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416



Drilled by: Thein Well

Drill Date: February 22, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO, RCRA Metals and 465E

Water samples analyzed for: Not collected

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-10.LOG

Log of Borehole: GP-10

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
0		Concrete		
1–8		SILTY FINE SAND, brown, moist	4.9 4.9	
8–16		SILTY FINE SAND with 2-5 inch SILT layers, brown, moist	4.9 4.9	Soil sample collected from 8-12' for laboratory analysis
16		Boring ended at 16 feet		Boring hole filled with bentonite and topped with concrete
17–20				

Drilled by: Thein Well

Drill Date: February 23, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO and 465E

Water samples analyzed for: Not collected

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-11.LOG

Log of Borehole: GP-11

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
0		Concrete		
1–4			0	
5–8			0	
9–12		SILTY FINE SAND, brown, slightly moist	4.9	
13–16			0	
17–20			4.9	

Drilled by: Thein Well

Drill Date: February 23, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO, RCRA Metals and 465E

Water samples analyzed for: DRO, RCRA Metals and 465E

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

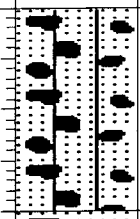
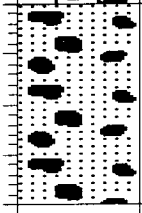
Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-11.LOG

Log of Borehole: GP-11

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
21–24		SILTY FINE with COURSE SAND and GRAVEL layers , brown, moist	8.1	Soil sample collected from 20-24' for laboratory analysis
24–28		FINE to COURSE SAND with a trace of GRAVEL, brown, water bearing	4.9	Water samples collected at 24' for laboratory analysis
28		End of boring at 28 feet		Boring hole filled with bentonite and topped with concrete

29 30 31 32 33 34 35 36 37 38 39 40

Drilled by: Thein Well

Drill Date: February 23, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO, RCRA Metals and 465E

Water samples analyzed for: DRO, RCRA Metals and 465E

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-12.LOG

Log of Borehole: GP-12

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
0		Concrete		
1–10		SILTY FINE SAND, brown, moist	4.9 4.9 4.9	
10–15			8.1	
15–20			11.4	Soil sample collected from 16-20' for laboratory analysis

Drilled by: Thein Well

Drill Date: February 23, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO, RCRA Metals and 465E

Water samples analyzed for: DRO, RCRA Metals and 465E

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

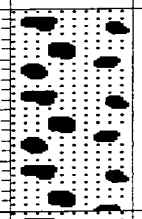
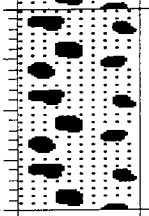
Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-12.LOG

Log of Borehole: GP-12

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
21–24		FINE to COURSE SAND with a trace of GRAVEL, brown, moist	4.9	Water samples collected at 24' for laboratory analysis
24–28		FINE to COURSE SAND with a trace of GRAVEL, brown, water bearing	8.1	
28–40		Boring ended at 28 feet		Boring hole filled with bentonite and topped with concrete

Drilled by: Thein Well

Drill Date: February 23, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO, RCRA Metals and 465E

Water samples analyzed for: DRO, RCRA Metals and 465E

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-13.LOG

Log of Borehole: GP-13

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
		Concrete		
1–4		SILTY FINE SAND, brown, dry	0	Soil sample collected from 0.5-4.5'
5–20		Boring ended at 4.5 feet		Boring hole filled with bentonite and topped with concrete

Drilled by: Thein Well

Drill Date: February 23, 1999

Drill Method: Hand auger

Inspected by: Chris Boehm

Soil samples analyzed for: DRO and 465E

Water samples analyzed for: Not collected

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-14.LOG

Log of Borehole: GP-14

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
0		Black top		
1–4		FINE to MEDIUM SAND, brown, slightly moist	0	
4–8		SILTY FINE SAND, brown, slightly moist	0	
8–9			0	Soil sample collected from 8-10' for laboratory analysis
10		Boring ended at 10 feet		
11–20				Boring hole filled with bentonite and topped with black top

Drilled by: Thein Well

Drill Date: February 22, 1999

Drill Method: Geoprobe

Inspected by: Chris Boehm

Soil samples analyzed for: DRO, RCRA Metals, 465E and PAHs

Water samples analyzed for: N/A

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-15.LOG

Log of Borehole: GP-15

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
		Concrete		
1–4		SILTY FINE SAND, brown, dry	0	Soil sample collected from 0.5-4.5 feet for laboratory analysis
5–20		Boring ended at 4.5 feet		Boring hole filled with bentonite and topped with concrete

Drilled by: Thein Well

Drill Date: February 23, 1999

Drill Method: Hand auger

Inspected by: Chris Boehm

Soil samples analyzed for: pH and lead

Water samples analyzed for: Not Collected

Client: Dorsey & Whitney LLP

Project: Montgomery Ward Phase II

Location: Bloomington, Minnesota

Project No: 2300-028-100

File Name: R:\ENSR\2300-028\Boring Logs\GP-16.LOG

Log of Borehole: GP-16

ENSR Corporation
4500 Park Glen Road
St. Louis Park, MN 55416

Depth	Soil Symbol	Description	OVM (ppm)	Comments
		Concrete		
1–4		SILTY FINE SAND, brown, dry	0	Soil sample collected from 0.5-4.5' for laboratory analysis
5–20		Boring ended at 4.5 feet		Boring hole filled with bentonite and topped with concrete

Drilled by: Thein Well

Drill Date: February 23, 1999

Drill Method: Hand auger

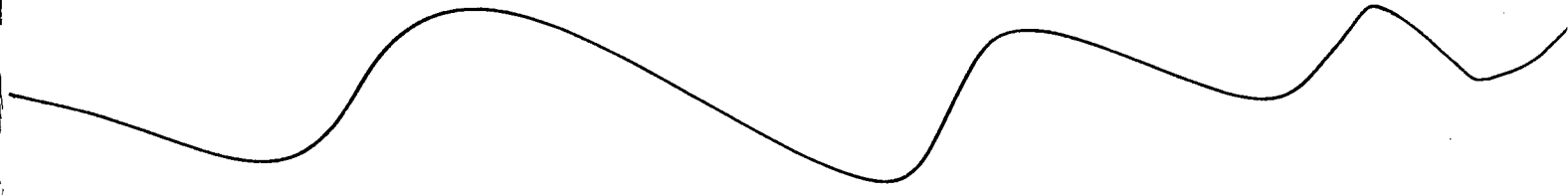
Inspected by: Chris Boehm

Soil samples analyzed for: pH and lead

Water samples analyzed for: Not collected

APPENDIX B

Laboratory Report



Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-1700
Fax: 612-607-6444

Pace Analytical

March 15, 1999

Mr. Peter Moore
ENSR
4500 Park Glen Rd.
St.Louis Park, MN 55416

RE: Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Dear Mr. Moore:

Enclosed are the results of analyses for sample(s) received on February 25, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Will Elcoate
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-1700
Fax: 612-607-6444

Pace Analytical

DATE: 03/15/99
PAGE: 1

VSR
4500 Park Glen Rd.
St.Louis Park, MN 55416

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

ttn: Mr. Peter Moore
hone: 924-0117

olid results are reported on a dry weight basis

Pace Sample No: 101124170 Date Collected: 02/25/99 Matrix: Soil
Client Sample ID: GP-8 12-16 Date Received: 02/25/99

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
norganics Prep							
Percent Moisture		Method:			Prep Method:		
Percent Moisture	4.4	%		02/27/99	JMZ		
Metals							
Metals, ICP		Method: EPA 6010			Prep Method: EPA 3050		
Arsenic	ND	mg/kg	4.44	03/04/99	JB1	7440-38-2	
Barium	29.8	mg/kg	0.493	03/04/99	JB1	7440-39-3	
Cadmium	ND	mg/kg	0.493	03/04/99	JB1	7440-43-9	
Chromium	3.95	mg/kg	0.247	03/04/99	JB1	7440-47-3	
Lead	3.1	mg/kg	2.71	03/04/99	JB1	7439-92-1	
Selenium	ND	mg/kg	4.93	03/04/99	JB1	7782-49-2	
Silver	1.1	mg/kg	0.247	03/04/99	JB1	7440-22-4	
Date Digested				03/02/99			
Mercury, CVAAS		Method: EPA 7471			Prep Method: EPA 7470		
Mercury	ND	mg/kg	0.0174	03/05/99	jmz	7439-97-6	
C Semivolatiles							
WI DRO in Soil		Method: TPH DRO Wisconsin			Prep Method: TPH DRO WI extracti		
Diesel Range Organic Compounds	ND	mg/kg	9.5	03/04/99	BM1		
n-Triacontane	36	%		03/04/99	BM1	638-68-6	1
Date Extracted				03/02/99			
C/MS Volatiles							

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-1700
Fax: 612-607-6444

Pace Analytical

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Pace Sample No: 101124170 Date Collected: 02/25/99 Matrix: Soil
Client Sample ID: GP-8 12-16 Date Received: 02/25/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
VOCs by 8260 MEOH EXT.	Method: EPA 8260				Prep Method: EPA 5030 Medium Soi		
Dichlorodifluoromethane	ND	ug/kg	520	03/01/99	XZ	75-71-8	
Chloromethane	ND	ug/kg	520	03/01/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/kg	520	03/01/99	XZ	75-01-4	
Bromomethane	ND	ug/kg	520	03/01/99	XZ	74-83-9	
Chloroethane	ND	ug/kg	520	03/01/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/kg	260	03/01/99	XZ	75-69-4	
Methylene Chloride	ND	ug/kg	260	03/01/99	XZ	75-09-2	
1,1-Dichloroethene	ND	ug/kg	260	03/01/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	260	03/01/99	XZ	156-60-5	
1,1-Dichloroethane	ND	ug/kg	260	03/01/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/kg	260	03/01/99	XZ	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	260	03/01/99	XZ	156-59-2	
Chloroform	ND	ug/kg	260	03/01/99	XZ	67-66-3	
Bromochloromethane	ND	ug/kg	260	03/01/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	260	03/01/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/kg	260	03/01/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/kg	260	03/01/99	XZ	563-58-6	
Benzene	ND	ug/kg	260	03/01/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/kg	260	03/01/99	XZ	107-06-2	
Trichloroethene	ND	ug/kg	260	03/01/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/kg	260	03/01/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/kg	260	03/01/99	XZ	75-27-4	
Dibromomethane	ND	ug/kg	260	03/01/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/kg	260	03/01/99	XZ	10061-02-6	
Toluene	ND	ug/kg	260	03/01/99	XZ	108-88-3	
cis-1,3-Dichloropropene	ND	ug/kg	260	03/01/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/kg	260	03/01/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/kg	260	03/01/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/kg	260	03/01/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/kg	260	03/01/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/kg	260	03/01/99	XZ	106-93-4	
Chlorobenzene	ND	ug/kg	260	03/01/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	260	03/01/99	XZ	630-20-6	
Ethylbenzene	ND	ug/kg	260	03/01/99	XZ	100-41-4	
Xylene (Total)	ND	ug/kg	260	03/01/99	XZ	1330-20-7	
Styrene	ND	ug/kg	260	03/01/99	XZ	100-42-5	
Bromoform	ND	ug/kg	260	03/01/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	260	03/01/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	260	03/01/99	XZ	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-1700
Fax: 612-607-6444

Pace Analytical

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Pace Sample No: 101124170 Date Collected: 02/25/99 Matrix: Soil
Client Sample ID: GP-8 12-16 Date Received: 02/25/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Bromobenzene	ND	ug/kg	260	03/01/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	260	03/01/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/kg	260	03/01/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/kg	260	03/01/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	260	03/01/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/kg	260	03/01/99	XZ	106-43-4	
tert-Butylbenzene	ND	ug/kg	260	03/01/99	XZ	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	260	03/01/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/kg	260	03/01/99	XZ	135-98-8	
p-Isopropyltoluene	ND	ug/kg	260	03/01/99	XZ	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	260	03/01/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	260	03/01/99	XZ	106-46-7	
n-Butylbenzene	ND	ug/kg	260	03/01/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	260	03/01/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	260	03/01/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	260	03/01/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/kg	260	03/01/99	XZ	87-68-3	
Naphthalene	ND	ug/kg	260	03/01/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	260	03/01/99	XZ	87-61-6	
Dibromofluoromethane (S)	110	%		03/01/99	XZ	1868-53-7	
Toluene-d8 (S)	100	%		03/01/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	105	%		03/01/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	85	%		03/01/99	XZ	17060-07-0	
Date Prepared				03/01/99			

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-1700
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Pace Analytical

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Pace Sample No: 101124188 Date Collected: 02/25/99 Matrix: Soil
Client Sample ID: GP-6B 26-28 Date Received: 02/25/99

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
norganics Prep							
Percent Moisture		Method:			Prep Method:		
Percent Moisture	2.0	%		02/27/99	JMZ		
Metals							
Metals, ICP		Method: EPA 6010			Prep Method: EPA 3050		
Arsenic	ND	mg/kg	4.46	03/04/99	JB1	7440-38-2	
Barium	24	mg/kg	0.495	03/04/99	JB1	7440-39-3	
Cadmium	ND	mg/kg	0.495	03/04/99	JB1	7440-43-9	
Chromium	5.67	mg/kg	0.248	03/04/99	JB1	7440-47-3	
Lead	ND	mg/kg	2.72	03/04/99	JB1	7439-92-1	
Selenium	7.65	mg/kg	4.95	03/04/99	JB1	7782-49-2	
Silver	0.51	mg/kg	0.248	03/04/99	JB1	7440-22-4	
Date Digested				03/02/99			
Mercury, CVAAS		Method: EPA 7471			Prep Method: EPA 7470		
Mercury	ND	mg/kg	0.0191	03/05/99	jmz	7439-97-6	
C Semivolatiles							
WI DRO in Soil		Method: TPH DRO Wisconsin			Prep Method: TPH DRO WI extracti		
Diesel Range Organic Compounds	ND	mg/kg	6.4	03/04/99	BM1		
n-Triacontane	65	%		03/04/99	BM1	638-68-6	
Date Extracted				03/02/99			
C/MS Volatiles							
VOCs by 8260 MEOH EXT.		Method: EPA 8260			Prep Method: EPA 5030 Medium Soi		
Dichlorodifluoromethane	ND	ug/kg	510	03/01/99	XZ	75-71-8	
Chloromethane	ND	ug/kg	510	03/01/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/kg	510	03/01/99	XZ	75-01-4	
Bromomethane	ND	ug/kg	510	03/01/99	XZ	74-83-9	
Chloroethane	ND	ug/kg	510	03/01/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/kg	260	03/01/99	XZ	75-69-4	
Methylene Chloride	ND	ug/kg	260	03/01/99	XZ	75-09-2	
1,1-Dichloroethene	ND	ug/kg	260	03/01/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	260	03/01/99	XZ	156-60-5	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Pace Sample No: 101124188 Date Collected: 02/25/99 Matrix: Soil
Client Sample ID: GP-6B 26-28 Date Received: 02/25/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1-Dichloroethane	ND	ug/kg	260	03/01/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/kg	260	03/01/99	XZ	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	260	03/01/99	XZ	156-59-2	
Chloroform	ND	ug/kg	260	03/01/99	XZ	67-66-3	
Bromochloromethane	ND	ug/kg	260	03/01/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	260	03/01/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/kg	260	03/01/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/kg	260	03/01/99	XZ	563-58-6	
Benzene	ND	ug/kg	260	03/01/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/kg	260	03/01/99	XZ	107-06-2	
Trichloroethene	ND	ug/kg	260	03/01/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/kg	260	03/01/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/kg	260	03/01/99	XZ	75-27-4	
Dibromomethane	ND	ug/kg	260	03/01/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/kg	260	03/01/99	XZ	10061-02-6	
Toluene	ND	ug/kg	260	03/01/99	XZ	108-88-3	
cis-1,3-Dichloropropene	ND	ug/kg	260	03/01/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/kg	260	03/01/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/kg	260	03/01/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/kg	260	03/01/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/kg	260	03/01/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/kg	260	03/01/99	XZ	106-93-4	
Chlorobenzene	ND	ug/kg	260	03/01/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	260	03/01/99	XZ	630-20-6	
Ethylbenzene	ND	ug/kg	260	03/01/99	XZ	100-41-4	
Xylene (Total)	ND	ug/kg	260	03/01/99	XZ	1330-20-7	
Styrene	ND	ug/kg	260	03/01/99	XZ	100-42-5	
Bromoform	ND	ug/kg	260	03/01/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	260	03/01/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	260	03/01/99	XZ	79-34-5	
Bromobenzene	ND	ug/kg	260	03/01/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	260	03/01/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/kg	260	03/01/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/kg	260	03/01/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	260	03/01/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/kg	260	03/01/99	XZ	106-43-4	
tert-Butylbenzene	ND	ug/kg	260	03/01/99	XZ	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	260	03/01/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/kg	260	03/01/99	XZ	135-98-8	
p-Isopropyltoluene	ND	ug/kg	260	03/01/99	XZ	99-87-6	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Pace Sample No: 101124188 Date Collected: 02/25/99 Matrix: Soil
Client Sample ID: GP-6B 26-28 Date Received: 02/25/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,3-Dichlorobenzene	ND	ug/kg	260	03/01/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	260	03/01/99	XZ	106-46-7	
n-Butylbenzene	ND	ug/kg	260	03/01/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	260	03/01/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	260	03/01/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	260	03/01/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/kg	260	03/01/99	XZ	87-68-3	
Naphthalene	ND	ug/kg	260	03/01/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	260	03/01/99	XZ	87-61-6	
Dibromofluoromethane (S)	75	%		03/01/99	XZ	1868-53-7	
Toluene-d8 (S)	65	%		03/01/99	XZ	2037-26-5	1
4-Bromofluorobenzene (S)	80	%		03/01/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	56	%		03/01/99	XZ	17060-07-0	
Date Prepared				03/01/99			

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Pace Analytical

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Pace Sample No: 101124196 Date Collected: 02/25/99 Matrix: Water
Client Sample ID: GP-6B 25 Date Received: 02/25/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Metals							
Metals, ICP	Method: EPA 6010				Prep Method: EPA 3010		
Barium	7370	ug/L	50	03/04/99	JMZ	7440-39-3	2
Chromium	793	ug/L	50	03/04/99	JMZ	7440-47-3	2
Silver	85	ug/L	50	03/04/99	JMZ	7440-22-4	2
Date Digested				03/02/99			
Metals, Trace ICP	Method: EPA 6010				Prep Method: EPA 3010		
Arsenic	541	ug/L	50	03/04/99	BDA	7440-38-2	2
Cadmium	ND	ug/L	5	03/04/99	BDA	7440-43-9	2
Lead	600	ug/L	30	03/04/99	BDA	7439-92-1	2
Selenium	ND	ug/L	50	03/04/99	BDA	7782-49-2	2
Date Digested				03/02/99			
Mercury, CVAAS	Method: EPA 7470				Prep Method: EPA 7470		
Mercury	1.74	ug/L	0.2	03/05/99	jmz	7439-97-6	
GC Semivolatiles							
WI DRO in water	Method: TPH DRO Wisconsin				Prep Method: EPA 3510		
Diesel Range Organic Compounds	0.22	mg/L	0.1	03/06/99	BM1		3
n-Triacontane	29	%		03/06/99	BM1	638-68-6	4
Date Extracted				02/26/99			
GC/MS Volatiles							
8260 Low Level H2O	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/L	1	03/06/99	XZ	75-71-8	
Chloromethane	ND	ug/L	1	03/06/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/L	1	03/06/99	XZ	75-01-4	
Bromomethane	ND	ug/L	1	03/06/99	XZ	74-83-9	
Chloroethane	ND	ug/L	1	03/06/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/L	1	03/06/99	XZ	75-69-4	
Methylene Chloride	ND	ug/L	1	03/06/99	XZ	75-09-2	
1,1-Dichloroethene	ND	ug/L	1	03/06/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/L	1	03/06/99	XZ	156-60-5	
1,1-Dichloroethane	ND	ug/L	1	03/06/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/L	1	03/06/99	XZ	594-20-7	

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Pace Analytical

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Pace Sample No: 101124196 Date Collected: 02/25/99 Matrix: Water
Client Sample ID: GP-6B 25 Date Received: 02/25/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
cis-1,2-Dichloroethene	ND	ug/L	1	03/06/99	XZ	156-59-2	
Chloroform	ND	ug/L	1	03/06/99	XZ	67-66-3	
Bromochloromethane	ND	ug/L	1	03/06/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/L	1	03/06/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/L	1	03/06/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/L	1	03/06/99	XZ	563-58-6	
Benzene	ND	ug/L	1	03/06/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/L	1	03/06/99	XZ	107-06-2	
Trichloroethene	ND	ug/L	1	03/06/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/L	1	03/06/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/L	1	03/06/99	XZ	75-27-4	
Dibromomethane	ND	ug/L	1	03/06/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/L	1	03/06/99	XZ	10061-02-6	
Toluene	0.76	ug/L	1	03/06/99	XZ	108-88-3	5
cis-1,3-Dichloropropene	ND	ug/L	1	03/06/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/L	1	03/06/99	XZ	79-00-5	
Tetrachloroethene	1.3	ug/L	1	03/06/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/L	1	03/06/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/L	1	03/06/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/L	1	03/06/99	XZ	106-93-4	
Chlorobenzene	ND	ug/L	1	03/06/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	03/06/99	XZ	630-20-6	
Ethylbenzene	0.81	ug/L	1	03/06/99	XZ	100-41-4	5
Xylene (Total)	ND	ug/L	1	03/06/99	XZ	1330-20-7	
Styrene	ND	ug/L	1	03/06/99	XZ	100-42-5	
Bromoform	ND	ug/L	1	03/06/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/L	1	03/06/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	03/06/99	XZ	79-34-5	
Bromobenzene	ND	ug/L	1	03/06/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/L	1	03/06/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/L	1	03/06/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/L	1	03/06/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/L	1	03/06/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/L	1	03/06/99	XZ	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/L	1	03/06/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/L	1	03/06/99	XZ	135-98-8	
tert-Butylbenzene	ND	ug/L	1	03/06/99	XZ	98-06-6	
p-Isopropyltoluene	ND	ug/L	1	03/06/99	XZ	99-87-6	
1,3-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	106-46-7	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Pace Sample No: 101124196 Date Collected: 02/25/99 Matrix: Water
Client Sample ID: GP-6B 25 Date Received: 02/25/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
n-Butylbenzene	ND	ug/L	1	03/06/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	03/06/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/L	1	03/06/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/L	1	03/06/99	XZ	87-68-3	
Naphthalene	ND	ug/L	1	03/06/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/L	1	03/06/99	XZ	87-61-6	
Acrolein	ND	ug/L	10	03/06/99	XZ	107-02-8	
Acrylonitrile	ND	ug/L	2	03/06/99	XZ	107-13-1	
Dibromofluoromethane (S)	114	%		03/06/99	XZ	1868-53-7	
Toluene-d8 (S)	110	%		03/06/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	112	%		03/06/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%		03/06/99	XZ	17060-07-0	

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Client Project ID: Montgomery Wards

PARAMETER FOOTNOTES

)	Not Detected
C	Not Calculable
PRL	Pace Reporting Limit
S)	Surrogate
*]	The surrogate and/or spike recovery was outside acceptance limits.
[2]	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
3]	High boiling point hydrocarbons are present in sample.
4]	Sediment in sample and emulsion during extraction resulted in low surrogate recovery.
[5]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

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Pace Analytical

QUALITY CONTROL DATA

DATE: 03/15/99

WSR
4500 Park Glen Rd.
St.Louis Park, MN 55416

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Attn: Mr. Peter Moore
Phone: 924-0117

QC Batch ID: 22099
Analysis Method:
QC Batch Method:
Analysis Description: Percent Moisture
Associated Pace Samples: 101124170 101124188

METHOD BLANK: 101124576
Associated Pace Samples:
101124170 101124188

Parameter	Units	Method Blank Result	PRL	Footnotes
Percent Moisture	%	0		

SAMPLE DUPLICATE: 101124584

Parameter	Units	101124121	Dup. Result	RPD	Footnotes
Percent Moisture	%	9.100	11.20	21	

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Pace Analytical

QUALITY CONTROL DATA

DATE: 03/15/99

NSR
4500 Park Glen Rd.
St.Louis Park, MN 55416

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Attn: Mr. Peter Moore
Phone: 924-0117

QC Batch ID: 22115
QC Batch Method: EPA 3510
Analysis Method: TPH DRO Wisconsin
Analysis Description: WI DRO in water
Associated Pace Samples: 101124196

METHOD BLANK: 101125110
Associated Pace Samples:
101124196

Parameter	Units	Method Blank Result	PRL	Footnotes
Diesel Range Organic Compounds	mg/L	ND	0.1	
n-Triacontane	%	59		

LABORATORY CONTROL SAMPLE & LCSD: 101125128 101125136

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Diesel Range Organic Compounds	mg/L	1.000	0.7780	77.8	0.6240	62.4	22	1
n-Triacontane				71		58		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

DATE: 03/15/99
PAGE: 13

WSR
4500 Park Glen Rd.
St.Louis Park, MN 55416

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Attn: Mr. Peter Moore
Phone: 924-0117

QC Batch ID: 22164
Analysis Method: EPA 6010
Associated Pace Samples: 101124196

QC Batch Method: EPA 3010
Analysis Description: Metals, ICP

METHOD BLANK: 101128254
Associated Pace Samples:
101124196

Parameter	Units	Method Blank Result	PRL	Footnotes
Barium	ug/L	ND	10	
Arsenic	ug/L	ND	5	
Chromium	ug/L	ND	10	
Cadmium	ug/L	ND	0.5	
Lead	ug/L	ND	3	
Selenium	ug/L	ND	5	
Silver	ug/L	ND	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 101128262 101128270

Parameter	Units	101124139	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Arsenic	ug/L	18.30	5000	5345	106	5230	104	2	
Barium	ug/L	369800	5000	3710	-7320	3745	-7320	0	2,3,2
Cadmium	ug/L	2.799	5000	4428	88.5	4388	87.7	1	
Chromium	ug/L	0	5000	4640	92.8	5162	103	11	2,2
Lead	ug/L	23.64	5000	4552	90.6	4505	89.6	1	
Selenium	ug/L	8.645	5000	1886	37.5	1712	34.1	9	
Silver	ug/L	2068	5000	6610	90.9	6645	91.6	1	2,2

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QUALITY CONTROL DATA

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

LABORATORY CONTROL SAMPLE: 101128288

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Arsenic	ug/L	1000	1057	106	
Barium	ug/L	1000	996.6	99.7	
Cadmium	ug/L	1000	1038	104	
Chromium	ug/L	1000	961.1	96.1	
Lead	ug/L	1000	1038	104	
Selenium	ug/L	1000	1004	100	
Silver	ug/L	1000	983.1	98.3	

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QUALITY CONTROL DATA

DATE: 03/15/99

NSR
4500 Park Glen Rd.
St.Louis Park, MN 55416

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Attn: Mr. Peter Moore
Phone: 924-0117

QC Batch ID: 22195
Analysis Method: EPA 6010
Associated Pace Samples: 101124170 101124188

QC Batch Method: EPA 3050
Analysis Description: Metals, ICP

METHOD BLANK: 101129294
Associated Pace Samples:
101124170 101124188

Parameter	Units	Method Blank Result	PRL	Footnotes
Arsenic	mg/kg	ND	4.5	
Barium	mg/kg	ND	0.5	
Cadmium	mg/kg	ND	0.5	
Chromium	mg/kg	ND	0.25	
Lead	mg/kg	ND	2.75	
Selenium	mg/kg	ND	5	
Silver	mg/kg	ND	0.25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 101129310 101129328

Parameter	Units	101124261	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Arsenic	mg/kg	0	53.72	51.03	95.0	48.73	91.6	4	
Barium	mg/kg	495.4	53.72	405.4	-168	306.7	-355	72	3
Cadmium	mg/kg	0	53.72	41.98	78.2	40.57	76.3	2	3
Chromium	mg/kg	4.743	53.72	46.09	77.0	46.42	78.3	2	3
Lead	mg/kg	4.093	53.72	44.99	76.1	45.14	77.1	1	3
Selenium	mg/kg	0	53.72	41.93	78.1	43.52	81.8	5	3
Silver	mg/kg	1.493	53.72	49.72	89.8	49.12	89.5	0	

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QUALITY CONTROL DATA

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

LABORATORY CONTROL SAMPLE: 101129302

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Arsenic	mg/kg	1.000	0.9022	90.2	
Barium	mg/kg	1.000	0.8722	87.2	
Cadmium	mg/kg	1.000	0.8508	85.1	
Chromium	mg/kg	1.000	0.8971	89.7	
Lead	mg/kg	1.000	0.9165	91.7	
Selenium	mg/kg	1.000	0.9350	93.5	
Silver	mg/kg	1.000	0.8656	86.6	

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QUALITY CONTROL DATA

NSR
4500 Park Glen Rd.
St.Louis Park, MN 55416

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Attn: Mr. Peter Moore
Phone: 924-0117

QC Batch ID: 22209
Analysis Method: TPH DRO Wisconsin
Associated Pace Samples: 101124170 101124188

QC Batch Method: TPH DRO WI extracti
Analysis Description: WI DRO in Soil

METHOD BLANK: 101129716
Associated Pace Samples:
101124170 101124188

Parameter	Units	Method Blank Result	PRL	Footnotes
Diesel Range Organic Compounds	mg/kg	ND	10	
n-Triacontane	%	52		

LABORATORY CONTROL SAMPLE & LCSD: 101129724 101129732

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Diesel Range Organic Compounds	mg/kg	200	170.0	85.0	166.4	83.2	2	
n-Triacontane				79		76		

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QUALITY CONTROL DATA

ISR
4500 Park Glen Rd.
St. Louis Park, MN 55416

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Attn: Mr. Peter Moore
Phone: 924-0117

QC Batch ID: 22281
Analysis Method: EPA 8260
Associated Pace Samples: 101124170 101124188

QC Batch Method: EPA 5030 Medium Soi
Analysis Description: VOCs by 8260 MEOH EXT.

METHOD BLANK: 101133338
Associated Pace Samples: 101124170 101124188

Parameter	Units	Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/kg	ND	500	
Chloromethane	ug/kg	ND	500	
Vinyl Chloride	ug/kg	ND	500	
Bromomethane	ug/kg	130	500	4
Chloroethane	ug/kg	ND	500	
Trichlorofluoromethane	ug/kg	ND	250	
Methylene Chloride	ug/kg	ND	250	
1,1-Dichloroethene	ug/kg	ND	250	
trans-1,2-Dichloroethene	ug/kg	ND	250	
1,1-Dichloroethane	ug/kg	ND	250	
1,2-Dichloropropane	ug/kg	ND	250	
cis-1,2-Dichloroethene	ug/kg	ND	250	
Chloroform	ug/kg	ND	250	
Bromochloromethane	ug/kg	ND	250	
1,1,1-Trichloroethane	ug/kg	ND	250	
Carbon Tetrachloride	ug/kg	ND	250	
1,1-Dichloropropene	ug/kg	ND	250	
Benzene	ug/kg	ND	250	
1,2-Dichloroethane	ug/kg	ND	250	
Trichloroethene	ug/kg	ND	250	
1,2-Dichloropropane	ug/kg	ND	250	
Bromodichloromethane	ug/kg	ND	250	
Dibromomethane	ug/kg	ND	250	
trans-1,3-Dichloropropene	ug/kg	ND	250	
Toluene	ug/kg	ND	250	

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QUALITY CONTROL DATA

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

METHOD BLANK: 101133338
Associated Pace Samples:
101124170 101124188

Parameter	Units	Method Blank Result	PRL	Footnotes
cis-1,3-Dichloropropene	ug/kg	ND	250	
1,1,2-Trichloroethane	ug/kg	ND	250	
Tetrachloroethene	ug/kg	ND	250	
1,3-Dichloropropane	ug/kg	ND	250	
Dibromochloromethane	ug/kg	ND	250	
1,2-Dibromoethane	ug/kg	ND	250	
Chlorobenzene	ug/kg	ND	250	
1,1,1,2-Tetrachloroethane	ug/kg	ND	250	
Ethylbenzene	ug/kg	ND	250	
Xylene (Total)	ug/kg	ND	250	
Styrene	ug/kg	ND	250	
Bromoform	ug/kg	ND	250	
Isopropylbenzene (Cumene)	ug/kg	ND	250	
1,1,2,2-Tetrachloroethane	ug/kg	ND	250	
Bromobenzene	ug/kg	ND	250	
1,2,3-Trichloropropane	ug/kg	ND	250	
n-Propylbenzene	ug/kg	ND	250	
2-Chlorotoluene	ug/kg	ND	250	
1,3,5-Trimethylbenzene	ug/kg	ND	250	
4-Chlorotoluene	ug/kg	ND	250	
tert-Butylbenzene	ug/kg	ND	250	
1,2,4-Trimethylbenzene	ug/kg	ND	250	
sec-Butylbenzene	ug/kg	ND	250	
p-Isopropyltoluene	ug/kg	ND	250	
1,3-Dichlorobenzene	ug/kg	ND	250	
1,4-Dichlorobenzene	ug/kg	ND	250	
n-Butylbenzene	ug/kg	ND	250	
1,2-Dichlorobenzene	ug/kg	ND	250	
1,2-Dibromo-3-Chloropropane	ug/kg	ND	250	
1,2,4-Trichlorobenzene	ug/kg	ND	250	
Hexachlorobutadiene	ug/kg	ND	250	
Naphthalene	ug/kg	ND	250	
1,2,3-Trichlorobenzene	ug/kg	ND	250	
Dibromofluoromethane (S)	%	84		
Toluene-d8 (S)	%	76		
4-Bromofluorobenzene (S)	%	84		
1,2-Dichloroethane-d4 (S)	%	66		

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QUALITY CONTROL DATA

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

LABORATORY CONTROL SAMPLE: 101133346

rameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	2000	1650	82.5	
iloromethane	ug/kg	2000	1500	75.0	
nyl Chloride	ug/kg	2000	1900	95.0	
Bromomethane	ug/kg	2000	1700	85.0	
iloroethane	ug/kg	2000	550.0	27.5	1
ichlorofluoromethane	ug/kg	2000	2500	125	
Methylene Chloride	ug/kg	2000	2100	105	
1-Dichloroethene	ug/kg	2000	2500	125	
ans-1,2-Dichloroethene	ug/kg	2000	2550	128	
,1-Dichloroethane	ug/kg	2000	2150	108	
2,2-Dichloropropane	ug/kg	2000	1900	95.0	
s-1,2-Dichloroethene	ug/kg	2000	2800	140	1
iloroform	ug/kg	2000	2300	115	
Bromochloromethane	ug/kg	2000	2700	135	1
1,1-Trichloroethane	ug/kg	2000	2200	110	
irbon Tetrachloride	ug/kg	2000	2200	110	
,1-Dichloropropene	ug/kg	2000	2050	103	
Benzene	ug/kg	2000	2050	103	
,2-Dichloroethane	ug/kg	2000	2150	108	
ichloroethene	ug/kg	2000	2250	113	
1,2-Dichloropropane	ug/kg	2000	1650	82.5	
omodichloromethane	ug/kg	2000	1850	92.5	
ibromomethane	ug/kg	2000	2200	110	
trans-1,3-Dichloropropene	ug/kg	2000	1850	92.5	
Toluene	ug/kg	2000	2050	103	
is-1,3-Dichloropropene	ug/kg	2000	1800	90.0	
,1,2-Trichloroethane	ug/kg	2000	2100	105	
Tetrachloroethene	ug/kg	2000	2700	135	1
,3-Dichloropropane	ug/kg	2000	2100	105	
ibromochloromethane	ug/kg	2000	2250	113	
1,2-Dibromoethane	ug/kg	2000	2400	120	
hlorobenzene	ug/kg	2000	2350	118	
,1,1,2-Tetrachloroethane	ug/kg	2000	2200	110	
Ethylbenzene	ug/kg	2000	2000	100	
Xylene (Total)	ug/kg	6000	7000	117	
tyrene	ug/kg	2000	2200	110	
romoform	ug/kg	2000	2300	115	
Isopropylbenzene (Cumene)	ug/kg	2000	2200	110	
,1,2,2-Tetrachloroethane	ug/kg	2000	2100	105	
romobenzene	ug/kg	2000	2550	128	
1,2,3-Trichloropropane	ug/kg	2000	2050	103	

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QUALITY CONTROL DATA

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

LABORATORY CONTROL SAMPLE: 101133346

arameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
n-Propylbenzene	ug/kg	2000	1950	97.5	
-Chlorotoluene	ug/kg	2000	1950	97.5	
,3,5-Trimethylbenzene	ug/kg	2000	2150	108	
4-Chlorotoluene	ug/kg	2000	1950	97.5	
ert-Butylbenzene	ug/kg	2000	2250	113	
,2,4-Trimethylbenzene	ug/kg	2000	2100	105	
sec-Butylbenzene	ug/kg	2000	2200	110	
n-Isopropyltoluene	ug/kg	2000	2250	113	
,3-Dichlorobenzene	ug/kg	2000	2300	115	
,4-Dichlorobenzene	ug/kg	2000	2250	113	
n-Butylbenzene	ug/kg	2000	1900	95.0	
2-Dichlorobenzene	ug/kg	2000	2250	113	
,2-Dibromo-3-Chloropropane	ug/kg	2000	1800	90.0	
1,2,4-Trichlorobenzene	ug/kg	2000	2350	118	
exachlorobutadiene	ug/kg	2000	2350	118	
aphthalene	ug/kg	2000	2200	110	
1,2,3-Trichlorobenzene	ug/kg	2000	2200	110	
Dibromofluoromethane (S)				100	
oluene-d8 (S)				78	
-Bromofluorobenzene (S)				76	
1,2-Dichloroethane-d4 (S)				80	

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QUALITY CONTROL DATA

ISR
4500 Park Glen Rd.
St. Louis Park, MN 55416

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Attn: Mr. Peter Moore
Phone: 924-0117

QC Batch ID: 22301
Analysis Method: EPA 7470
Associated Pace Samples: 101124196

QC Batch Method: EPA 7470
Analysis Description: Mercury, CVAAS

METHOD BLANK: 101134534
Associated Pace Samples:
101124196

Parameter	Units	Method Blank Result	PRL	Footnotes
Mercury	ug/L	ND	0.2	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 101134542 101134559

Parameter	Units	101131100	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Mercury	ug/L	0.01747	5.000	5.304	106	5.264	105	1	

LABORATORY CONTROL SAMPLE: 101134567

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Mercury	ug/L	5.000	5.045	101	

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QUALITY CONTROL DATA

ISR
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Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Attn: Mr. Peter Moore
Phone: 924-0117

QC Batch ID: 22302
Analysis Method: EPA 7471
Associated Pace Samples: 101124170 101124188

QC Batch Method: EPA 7470
Analysis Description: Mercury, CVAAS

METHOD BLANK: 101134575
Associated Pace Samples:
101124170 101124188

Parameter	Units	Method Blank Result	PRL	Footnotes
Mercury	mg/kg	ND	0.02	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 101134583 101134591

Parameter	Units	101126795	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Mercury	mg/kg	0.002655	0.4167	0.4412	105	0.4875	103	2	

LABORATORY CONTROL SAMPLE: 101134609

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Mercury	ug/L	1.500	1.507	100	

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QUALITY CONTROL DATA

ISR
4500 Park Glen Rd.
St. Louis Park, MN 55416

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

Attn: Mr. Peter Moore
Phone: 924-0117

QC Batch ID: 22381
Analysis Method: EPA 8260
Associated Pace Samples: 101124196

QC Batch Method: EPA 8260
Analysis Description: 8260 Low Level H2O

METHOD BLANK: 101139012
Associated Pace Samples:
101124196

Parameter	Units	Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/L	ND	1	
Chloromethane	ug/L	ND	1	
Vinyl Chloride	ug/L	ND	1	
Bromomethane	ug/L	ND	1	
Chloroethane	ug/L	ND	1	
Trichlorofluoromethane	ug/L	ND	1	
Methylene Chloride	ug/L	ND	1	
1,1-Dichloroethene	ug/L	ND	1	
trans-1,2-Dichloroethene	ug/L	ND	1	
1,1-Dichloroethane	ug/L	ND	1	
1,2-Dichloropropane	ug/L	ND	1	
cis-1,2-Dichloroethene	ug/L	ND	1	
Chloroform	ug/L	ND	1	
Bromochloromethane	ug/L	ND	1	
1,1,1-Trichloroethane	ug/L	ND	1	
Carbon Tetrachloride	ug/L	ND	1	
1,1-Dichloropropene	ug/L	ND	1	
Benzene	ug/L	ND	1	
1,2-Dichloroethane	ug/L	ND	1	
Trichloroethene	ug/L	ND	1	
1,2-Dichloropropane	ug/L	ND	1	
Bromodichloromethane	ug/L	ND	1	
Dibromomethane	ug/L	ND	1	
trans-1,3-Dichloropropene	ug/L	ND	1	
Toluene	ug/L	ND	1	

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QUALITY CONTROL DATA

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

METHOD BLANK: 101139012
Associated Pace Samples:
101124196

Parameter	Units	Method Blank Result	PRL	Footnotes
cis-1,3-Dichloropropene	ug/L	ND	1	
1,2-Trichloroethane	ug/L	ND	1	
etrachloroethene	ug/L	ND	1	
,3-Dichloropropane	ug/L	ND	1	
Dibromochloromethane	ug/L	ND	1	
2-Dibromoethane	ug/L	ND	1	
nlorobenzene	ug/L	ND	1	
1,1,1,2-Tetrachloroethane	ug/L	ND	1	
hylbenzene	ug/L	ND	1	
lene (Total)	ug/L	ND	1	
Styrene	ug/L	ND	1	
romoform	ug/L	ND	1	
sopropylbenzene (Cumene)	ug/L	ND	1	
,1,2,2-Tetrachloroethane	ug/L	ND	1	
Bromobenzene	ug/L	ND	1	
2,3-Trichloropropane	ug/L	ND	1	
Propylbenzene	ug/L	ND	1	
2-Chlorotoluene	ug/L	ND	1	
,3,5-Trimethylbenzene	ug/L	ND	1	
Chlorotoluene	ug/L	ND	1	
1,2,4-Trimethylbenzene	ug/L	ND	1	
sec-Butylbenzene	ug/L	ND	1	
ert-Butylbenzene	ug/L	ND	1	
-Isopropyltoluene	ug/L	ND	1	
1,3-Dichlorobenzene	ug/L	ND	1	
,4-Dichlorobenzene	ug/L	ND	1	
Butylbenzene	ug/L	ND	1	
1,2-Dichlorobenzene	ug/L	ND	1	
2-Dibromo-3-Chloropropane	ug/L	ND	1	
2,4-Trichlorobenzene	ug/L	ND	1	
Hexachlorobutadiene	ug/L	ND	1	
Naphthalene	ug/L	ND	1	
,2,3-Trichlorobenzene	ug/L	ND	1	
crolein	ug/L	ND	10	
Acrylonitrile	ug/L	ND	2	
ibromofluoromethane (S)	%	114		
oluene-d8 (S)	%	112		
-Bromofluorobenzene (S)	%	114		

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QUALITY CONTROL DATA

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

METHOD BLANK: 101139012
Associated Pace Samples:
101124196

Parameter	Units	Method Blank Result	PRL	Footnotes
1,2-Dichloroethane-d4 (S)	%	114		

LABORATORY CONTROL SAMPLE: 101139020

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/L	5.000	6.200	124	
Chloromethane	ug/L	5.000	8.700	174	1
Vinyl Chloride	ug/L	5.000	5.700	114	
Bromomethane	ug/L	5.000	2.500	50.0	1
Chloroethane	ug/L	5.000	5.800	116	
Trichlorofluoromethane	ug/L	5.000	6.900	138	1
Methylene Chloride	ug/L	5.000	5.800	116	
1,1-Dichloroethene	ug/L	5.000	6.100	122	
trans-1,2-Dichloroethene	ug/L	5.000	5.800	116	
1,1-Dichloroethane	ug/L	5.000	5.700	114	
2,2-Dichloropropane	ug/L	5.000	4.500	90.0	
cis-1,2-Dichloroethene	ug/L	5.000	5.900	118	
Chloroform	ug/L	5.000	5.800	116	
Bromochloromethane	ug/L	5.000	6.000	120	
1,1,1-Trichloroethane	ug/L	5.000	5.800	116	
Carbon Tetrachloride	ug/L	5.000	6.100	122	
1,1-Dichloropropene	ug/L	5.000	6.000	120	
Benzene	ug/L	5.000	5.800	116	
1,2-Dichloroethane	ug/L	5.000	5.500	110	
Trichloroethene	ug/L	5.000	5.900	118	
1,2-Dichloropropane	ug/L	5.000	5.300	106	
Bromodichloromethane	ug/L	5.000	5.200	104	
Dibromomethane	ug/L	5.000	5.400	108	
trans-1,3-Dichloropropene	ug/L	5.000	4.900	98.0	
Toluene	ug/L	5.000	5.300	106	
cis-1,3-Dichloropropene	ug/L	5.000	4.900	98.0	
1,1,2-Trichloroethane	ug/L	5.000	5.400	108	
Tetrachloroethene	ug/L	5.000	4.900	98.0	
1,3-Dichloropropane	ug/L	5.000	4.700	94.0	
Dibromochloromethane	ug/L	5.000	4.700	94.0	
1,2-Dibromoethane	ug/L	5.000	5.200	104	

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QUALITY CONTROL DATA

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

LABORATORY CONTROL SAMPLE: 101139020

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Chlorobenzene	ug/L	5.000	5.400	108	
1,1,2-Tetrachloroethane	ug/L	5.000	5.300	106	
Ethylbenzene	ug/L	5.000	5.400	108	
Xylene (Total)	ug/L	15	16.00	107	
Styrene	ug/L	5.000	5.500	110	
Bromoform	ug/L	5.000	4.600	92.0	
Isopropylbenzene (Cumene)	ug/L	5.000	5.600	112	
1,2,2-Tetrachloroethane	ug/L	5.000	4.700	94.0	
Bromobenzene	ug/L	5.000	5.000	100	
1,2,3-Trichloropropane	ug/L	5.000	4.800	96.0	
n-Propylbenzene	ug/L	5.000	5.100	102	
2-Chlorotoluene	ug/L	5.000	5.100	102	
1,3,5-Trimethylbenzene	ug/L	5.000	5.300	106	
4-Chlorotoluene	ug/L	5.000	5.100	102	
1,2,4-Trimethylbenzene	ug/L	5.000	5.300	106	
sec-Butylbenzene	ug/L	5.000	5.200	104	
tert-Butylbenzene	ug/L	5.000	5.200	104	
p-Isopropyltoluene	ug/L	5.000	5.200	104	
1,3-Dichlorobenzene	ug/L	5.000	5.000	100	
1,4-Dichlorobenzene	ug/L	5.000	5.000	100	
n-Butylbenzene	ug/L	5.000	5.100	102	
1,2-Dichlorobenzene	ug/L	5.000	5.000	100	
1,2-Dibromo-3-Chloropropane	ug/L	10	9.600	96.0	
1,2,4-Trichlorobenzene	ug/L	5.000	5.200	104	
Hexachlorobutadiene	ug/L	5.000	4.800	96.0	
Naphthalene	ug/L	5.000	6.300	126	
1,2,3-Trichlorobenzene	ug/L	5.000	5.100	102	
Acrolein	ug/L	25	45.00	180	1
Acrylonitrile	ug/L	25	28.00	112	1
Dibromofluoromethane (S)				110	
Toluene-d8 (S)				114	
4-Bromofluorobenzene (S)				110	
1,2-Dichloroethane-d4 (S)				108	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
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Fax: 612-607-6444

Pace Analytical

Pace Project Number: 1012635
Client Project ID: Montgomery Wards

QUALITY CONTROL DATA PARAMETER FOOTNOTES

onsistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
NC	Not Calculable
RL	Pace Reporting Limit
RPD	Relative Percent Difference
(S)	Surrogate
[1]	The surrogate and/or spike recovery was outside acceptance limits.
[2]	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
[3]	The spike recovery was outside acceptance limits for the MS and /or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
[4]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Pace Analytical

March 16, 1999

Mr. Peter Moore
ENSR
4500 Park Glen Rd.
St.Louis Park, MN 55416

RE: Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Dear Mr. Moore:

Enclosed are the results of analyses for sample(s) received on February 24, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Will Elcoate
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Pace Analytical

DATE: 03/16/99
PAGE: 1

ISR
4500 Park Glen Rd.
.Louis Park, MN 55416

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

:tn: Mr. Peter Moore
ıone: 924-0117

)lid results are reported on a dry weight basis

Pace Sample No: 101124261 Date Collected: 02/23/99 Matrix: Soil
?lient Sample ID: GP-11 20-24 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
:organics Prep							
Percent Moisture		Method:			Prep Method:		
Percent Moisture	9.6	%		02/27/99	JMZ		
Metals							
Metals, ICP		Method: EPA 6010			Prep Method: EPA 3050		
Arsenic	ND	mg/kg	4.83	03/03/99	JB1	7440-38-2	
Barium	495	mg/kg	0.537	03/03/99	JB1	7440-39-3	
Cadmium	ND	mg/kg	0.537	03/03/99	JB1	7440-43-9	
Chromium	4.74	mg/kg	0.269	03/03/99	JB1	7440-47-3	
Lead	4.09	mg/kg	2.95	03/03/99	JB1	7439-92-1	
Selenium	ND	mg/kg	5.37	03/03/99	JB1	7782-49-2	
Silver	1.49	mg/kg	0.537	03/03/99	JB1	7440-22-4	
Date Digested				03/02/99			
Mercury, CVAAS		Method: EPA 7471			Prep Method: EPA 7470		
Mercury	ND	mg/kg	0.0207	03/05/99	jmz	7439-97-6	
: Semivolatiles							
WI DRO in Soil		Method: TPH DRO Wisconsin			Prep Method: TPH DRO WI extracti		
Diesel Range Organic Compounds	ND	mg/kg	8.3	03/04/99	BM1		
n-Triacontane	46	%		03/04/99	BM1	638-68-6	
Date Extracted				03/02/99			
:/MS Volatiles							

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124261 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-11 20-24 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
VOCs by 8260 MEOH EXT.	Method: EPA 8260				Prep Method: EPA 5030 Medium Soi		
Dichlorodifluoromethane	ND	ug/kg	550	02/26/99	XZ	75-71-8	
Chloromethane	ND	ug/kg	550	02/26/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/kg	550	02/26/99	XZ	75-01-4	
Bromomethane	ND	ug/kg	550	02/26/99	XZ	74-83-9	
Chloroethane	ND	ug/kg	550	02/26/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/kg	280	02/26/99	XZ	75-69-4	
Methylene Chloride	ND	ug/kg	280	02/26/99	XZ	75-09-2	
1,1-Dichloroethene	ND	ug/kg	280	02/26/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	280	02/26/99	XZ	156-60-5	
1,1-Dichloroethane	ND	ug/kg	280	02/26/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/kg	280	02/26/99	XZ	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	280	02/26/99	XZ	156-59-2	
Chloroform	ND	ug/kg	280	02/26/99	XZ	67-66-3	
Bromochloromethane	ND	ug/kg	280	02/26/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	280	02/26/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/kg	280	02/26/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/kg	280	02/26/99	XZ	563-58-6	
Benzene	ND	ug/kg	280	02/26/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/kg	280	02/26/99	XZ	107-06-2	
Trichloroethene	ND	ug/kg	280	02/26/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/kg	280	02/26/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/kg	280	02/26/99	XZ	75-27-4	
Dibromomethane	ND	ug/kg	280	02/26/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/kg	280	02/26/99	XZ	10061-02-6	
Toluene	ND	ug/kg	280	02/26/99	XZ	108-88-3	
cis-1,3-Dichloropropene	ND	ug/kg	280	02/26/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/kg	280	02/26/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/kg	280	02/26/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/kg	280	02/26/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/kg	280	02/26/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/kg	280	02/26/99	XZ	106-93-4	
Chlorobenzene	ND	ug/kg	280	02/26/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	280	02/26/99	XZ	630-20-6	
Ethylbenzene	ND	ug/kg	280	02/26/99	XZ	100-41-4	
Xylene (Total)	ND	ug/kg	280	02/26/99	XZ	1330-20-7	
Styrene	ND	ug/kg	280	02/26/99	XZ	100-42-5	
Bromoform	ND	ug/kg	280	02/26/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	280	02/26/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	280	02/26/99	XZ	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124261 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-11 20-24 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Bromobenzene	ND	ug/kg	280	02/26/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	280	02/26/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/kg	280	02/26/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/kg	280	02/26/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	280	02/26/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/kg	280	02/26/99	XZ	106-43-4	
tert-Butylbenzene	ND	ug/kg	280	02/26/99	XZ	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	280	02/26/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/kg	280	02/26/99	XZ	135-98-8	
p-Isopropyltoluene	ND	ug/kg	280	02/26/99	XZ	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	280	02/26/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	280	02/26/99	XZ	106-46-7	
n-Butylbenzene	ND	ug/kg	280	02/26/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	280	02/26/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	280	02/26/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	280	02/26/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/kg	280	02/26/99	XZ	87-68-3	
Naphthalene	ND	ug/kg	280	02/26/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	280	02/26/99	XZ	87-61-6	
Dibromofluoromethane (S)	75	%		02/26/99	XZ	1868-53-7	
Toluene-d8 (S)	70	%		02/26/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	75	%		02/26/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	62	%		02/26/99	XZ	17060-07-0	
Date Prepared				02/26/99			

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124287 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-12 16-20 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Inorganics Prep							
Percent Moisture	Method:				Prep Method:		
Percent Moisture	6.2	%		02/27/99	JMZ		
Metals							
Metals, ICP	Method: EPA 6010				Prep Method: EPA 3050		
Arsenic	ND	mg/kg	4.7	03/04/99	JB1	7440-38-2	
Barium	38.1	mg/kg	0.523	03/04/99	JB1	7440-39-3	
Cadmium	ND	mg/kg	0.523	03/04/99	JB1	7440-43-9	
Chromium	6.04	mg/kg	0.261	03/04/99	JB1	7440-47-3	
Lead	4.16	mg/kg	2.87	03/04/99	JB1	7439-92-1	
Selenium	ND	mg/kg	5.23	03/04/99	JB1	7782-49-2	
Silver	0.852	mg/kg	0.261	03/04/99	JB1	7440-22-4	
Date Digested				03/02/99			
Mercury, CVAAS	Method: EPA 7471				Prep Method: EPA 7470		
Mercury	ND	mg/kg	0.0206	03/05/99	jmz	7439-97-6	
C Semivolatiles							
WI DRO in Soil	Method: TPH DRO Wisconsin				Prep Method: TPH DRO WI extracti		
Diesel Range Organic Compounds	ND	mg/kg	8.2	03/05/99	BM1		
n-Triacontane	43	%		03/05/99	BM1	638-68-6	
Date Extracted				03/02/99			
C/MS Volatiles							
VOCs by 8260 MEOH EXT.	Method: EPA 8260				Prep Method: EPA 5030 Medium Soi		
Dichlorodifluoromethane	ND	ug/kg	530	02/26/99	XZ	75-71-8	
Chloromethane	ND	ug/kg	530	02/26/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/kg	530	02/26/99	XZ	75-01-4	
Bromomethane	ND	ug/kg	530	02/26/99	XZ	74-83-9	
Chloroethane	ND	ug/kg	530	02/26/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/kg	270	02/26/99	XZ	75-69-4	
Methylene Chloride	ND	ug/kg	270	02/26/99	XZ	75-09-2	
1,1-Dichloroethene	ND	ug/kg	270	02/26/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	270	02/26/99	XZ	156-60-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124287 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-12 16-20 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1-Dichloroethane	ND	ug/kg	270	02/26/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/kg	270	02/26/99	XZ	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	270	02/26/99	XZ	156-59-2	
Chloroform	ND	ug/kg	270	02/26/99	XZ	67-66-3	
Bromochloromethane	ND	ug/kg	270	02/26/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	270	02/26/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/kg	270	02/26/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/kg	270	02/26/99	XZ	563-58-6	
Benzene	ND	ug/kg	270	02/26/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/kg	270	02/26/99	XZ	107-06-2	
Trichloroethene	ND	ug/kg	270	02/26/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/kg	270	02/26/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/kg	270	02/26/99	XZ	75-27-4	
Dibromomethane	ND	ug/kg	270	02/26/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/kg	270	02/26/99	XZ	10061-02-6	
Toluene	ND	ug/kg	270	02/26/99	XZ	108-88-3	
cis-1,3-Dichloropropene	ND	ug/kg	270	02/26/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/kg	270	02/26/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/kg	270	02/26/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/kg	270	02/26/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/kg	270	02/26/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/kg	270	02/26/99	XZ	106-93-4	
Chlorobenzene	ND	ug/kg	270	02/26/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	270	02/26/99	XZ	630-20-6	
Ethylbenzene	ND	ug/kg	270	02/26/99	XZ	100-41-4	
Xylene (Total)	ND	ug/kg	270	02/26/99	XZ	1330-20-7	
Styrene	ND	ug/kg	270	02/26/99	XZ	100-42-5	
Bromoform	ND	ug/kg	270	02/26/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	270	02/26/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	270	02/26/99	XZ	79-34-5	
Bromobenzene	ND	ug/kg	270	02/26/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	270	02/26/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/kg	270	02/26/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/kg	270	02/26/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	270	02/26/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/kg	270	02/26/99	XZ	106-43-4	
tert-Butylbenzene	ND	ug/kg	270	02/26/99	XZ	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	270	02/26/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/kg	270	02/26/99	XZ	135-98-8	
p-Isopropyltoluene	ND	ug/kg	270	02/26/99	XZ	99-87-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124287 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-12 16-20 Date Received: 02/24/99

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,3-Dichlorobenzene	ND	ug/kg	270	02/26/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	270	02/26/99	XZ	106-46-7	
n-Butylbenzene	ND	ug/kg	270	02/26/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	270	02/26/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	270	02/26/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	270	02/26/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/kg	270	02/26/99	XZ	87-68-3	
Naphthalene	ND	ug/kg	270	02/26/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	270	02/26/99	XZ	87-61-6	
Dibromofluoromethane (S)	105	%		02/26/99	XZ	1868-53-7	
Toluene-d8 (S)	90	%		02/26/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	95	%		02/26/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	85	%		02/26/99	XZ	17060-07-0	
Date Prepared				02/26/99			

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124295 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-10 8-12 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Inorganics Prep							
Percent Moisture		Method:			Prep Method:		
Percent Moisture	12.4	%		02/27/99	JMZ		
GC Semivolatiles							
WI DRO in Soil		Method: TPH DRO Wisconsin			Prep Method: TPH DRO WI extracti		
Diesel Range Organic Compounds	15	mg/kg	9.6	03/05/99	BM1		1
n-Triacontane	65	%		03/05/99	BM1	638-68-6	
Date Extracted				03/02/99			
GC/MS Volatiles							
VOCs by 8260 MEOH EXT.		Method: EPA 8260			Prep Method: EPA 5030 Medium Soi		
Dichlorodifluoromethane	ND	ug/kg	570	02/26/99	XZ	75-71-8	
Chloromethane	ND	ug/kg	570	02/26/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/kg	570	02/26/99	XZ	75-01-4	
Bromomethane	ND	ug/kg	570	02/26/99	XZ	74-83-9	
Chloroethane	ND	ug/kg	570	02/26/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/kg	290	02/26/99	XZ	75-69-4	
Methylene Chloride	ND	ug/kg	290	02/26/99	XZ	75-09-2	
1,1-Dichloroethene	ND	ug/kg	290	02/26/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	290	02/26/99	XZ	156-60-5	
1,1-Dichloroethane	ND	ug/kg	290	02/26/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/kg	290	02/26/99	XZ	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	290	02/26/99	XZ	156-59-2	
Chloroform	ND	ug/kg	290	02/26/99	XZ	67-66-3	
Bromochloromethane	ND	ug/kg	290	02/26/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	290	02/26/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/kg	290	02/26/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/kg	290	02/26/99	XZ	563-58-6	
Benzene	ND	ug/kg	290	02/26/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/kg	290	02/26/99	XZ	107-06-2	
Trichloroethene	ND	ug/kg	290	02/26/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/kg	290	02/26/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/kg	290	02/26/99	XZ	75-27-4	
Dibromomethane	ND	ug/kg	290	02/26/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/kg	290	02/26/99	XZ	10061-02-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124295 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-10 8-12 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Toluene	ND	ug/kg	290	02/26/99	XZ	108-88-3	
cis-1,3-Dichloropropene	ND	ug/kg	290	02/26/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/kg	290	02/26/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/kg	290	02/26/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/kg	290	02/26/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/kg	290	02/26/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/kg	290	02/26/99	XZ	106-93-4	
Chlorobenzene	ND	ug/kg	290	02/26/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	290	02/26/99	XZ	630-20-6	
Ethylbenzene	ND	ug/kg	290	02/26/99	XZ	100-41-4	
Xylene (Total)	ND	ug/kg	290	02/26/99	XZ	1330-20-7	
Styrene	ND	ug/kg	290	02/26/99	XZ	100-42-5	
Bromoform	ND	ug/kg	290	02/26/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	290	02/26/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	290	02/26/99	XZ	79-34-5	
Bromobenzene	ND	ug/kg	290	02/26/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	290	02/26/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/kg	290	02/26/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/kg	290	02/26/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	290	02/26/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/kg	290	02/26/99	XZ	106-43-4	
tert-Butylbenzene	ND	ug/kg	290	02/26/99	XZ	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	290	02/26/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/kg	290	02/26/99	XZ	135-98-8	
p-Isopropyltoluene	ND	ug/kg	290	02/26/99	XZ	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	290	02/26/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	290	02/26/99	XZ	106-46-7	
n-Butylbenzene	ND	ug/kg	290	02/26/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	290	02/26/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	290	02/26/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	290	02/26/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/kg	290	02/26/99	XZ	87-68-3	
Naphthalene	ND	ug/kg	290	02/26/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	290	02/26/99	XZ	87-61-6	
Dibromofluoromethane (S)	72	%		02/26/99	XZ	1868-53-7	
Toluene-d8 (S)	72	%		02/26/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	80	%		02/26/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	65	%		02/26/99	XZ	17060-07-0	
Date Prepared				02/26/99			

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124303 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-13 0.5-4.5 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Inorganics Prep							
Percent Moisture		Method:			Prep Method:		
Percent Moisture	2.8	%		02/27/99	JMZ		
GC Semivolatiles							
WI DRO in Soil		Method: TPH DRO Wisconsin			Prep Method: TPH DRO WI extracti		
Diesel Range Organic Compounds	ND	mg/kg	8.9	03/04/99	BM1		
n-Triacontane	44	%		03/04/99	BM1	638-68-6	
Date Extracted				03/02/99			
GC/MS Volatiles							
VOCs by 8260 MEOH EXT.		Method: EPA 8260			Prep Method: EPA 5030 Medium Soi		
Dichlorodifluoromethane	ND	ug/kg	510	03/01/99	XZ	75-71-8	
Chloromethane	ND	ug/kg	510	03/01/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/kg	510	03/01/99	XZ	75-01-4	
Bromomethane	ND	ug/kg	510	03/01/99	XZ	74-83-9	
Chloroethane	ND	ug/kg	510	03/01/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/kg	260	03/01/99	XZ	75-69-4	
Methylene Chloride	160	ug/kg	260	03/01/99	XZ	75-09-2	2,3
1,1-Dichloroethene	ND	ug/kg	260	03/01/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	260	03/01/99	XZ	156-60-5	
1,1-Dichloroethane	ND	ug/kg	260	03/01/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/kg	260	03/01/99	XZ	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	260	03/01/99	XZ	156-59-2	
Chloroform	ND	ug/kg	260	03/01/99	XZ	67-66-3	
Bromochloromethane	ND	ug/kg	260	03/01/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	260	03/01/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/kg	260	03/01/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/kg	260	03/01/99	XZ	563-58-6	
Benzene	ND	ug/kg	260	03/01/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/kg	260	03/01/99	XZ	107-06-2	
Trichloroethene	ND	ug/kg	260	03/01/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/kg	260	03/01/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/kg	260	03/01/99	XZ	75-27-4	
Dibromomethane	ND	ug/kg	260	03/01/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/kg	260	03/01/99	XZ	10061-02-6	

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124303 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-13 0.5-4.5 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Toluene	ND	ug/kg	260	03/01/99	XZ	108-88-3	
cis-1,3-Dichloropropene	ND	ug/kg	260	03/01/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/kg	260	03/01/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/kg	260	03/01/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/kg	260	03/01/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/kg	260	03/01/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/kg	260	03/01/99	XZ	106-93-4	
Chlorobenzene	ND	ug/kg	260	03/01/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	260	03/01/99	XZ	630-20-6	
Ethylbenzene	ND	ug/kg	260	03/01/99	XZ	100-41-4	
Xylene (Total)	ND	ug/kg	260	03/01/99	XZ	1330-20-7	
Styrene	ND	ug/kg	260	03/01/99	XZ	100-42-5	
Bromoform	ND	ug/kg	260	03/01/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	260	03/01/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	260	03/01/99	XZ	79-34-5	
Bromobenzene	ND	ug/kg	260	03/01/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	260	03/01/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/kg	260	03/01/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/kg	260	03/01/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	260	03/01/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/kg	260	03/01/99	XZ	106-43-4	
tert-Butylbenzene	ND	ug/kg	260	03/01/99	XZ	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	260	03/01/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/kg	260	03/01/99	XZ	135-98-8	
p-Isopropyltoluene	ND	ug/kg	260	03/01/99	XZ	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	260	03/01/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	260	03/01/99	XZ	106-46-7	
n-Butylbenzene	ND	ug/kg	260	03/01/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	260	03/01/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	260	03/01/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	260	03/01/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/kg	260	03/01/99	XZ	87-68-3	
Naphthalene	ND	ug/kg	260	03/01/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	260	03/01/99	XZ	87-61-6	
Dibromofluoromethane (S)	105	%		03/01/99	XZ	1868-53-7	
Toluene-d8 (S)	78	%		03/01/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	94	%		03/01/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%		03/01/99	XZ	17060-07-0	
Date Prepared				03/01/99			

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124311 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-5 24-28 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Inorganics Prep							
Percent Moisture		Method:			Prep Method:		
Percent Moisture	16.7	%		02/27/99	JMZ		
Metals							
Metals, ICP		Method: EPA 6010			Prep Method: EPA 3050		
Arsenic	ND	mg/kg	5.05	03/03/99	JB1	7440-38-2	
Barium	54.9	mg/kg	0.561	03/03/99	JB1	7440-39-3	
Cadmium	ND	mg/kg	0.561	03/03/99	JB1	7440-43-9	
Chromium	3.46	mg/kg	0.281	03/03/99	JB1	7440-47-3	
Lead	4.34	mg/kg	3.09	03/03/99	JB1	7439-92-1	
Selenium	ND	mg/kg	5.61	03/03/99	JB1	7782-49-2	
Silver	ND	mg/kg	0.561	03/03/99	JB1	7440-22-4	4
Date Digested				03/02/99			
Mercury, CVAAS		Method: EPA 7471			Prep Method: EPA 7470		
Mercury	ND	mg/kg	0.0232	03/05/99	jmz	7439-97-6	
GC Semivolatiles							
WI DRO in Soil		Method: TPH DRO Wisconsin			Prep Method: TPH DRO WI extracti		
Diesel Range Organic Compounds	ND	mg/kg	8.6	03/04/99	BM1		
n-Triacontane	43	%		03/04/99	BM1	638-68-6	
Date Extracted				03/02/99			
GC/MS Volatiles							
VOCs by 8260 MEOH EXT.		Method: EPA 8260			Prep Method: EPA 5030 Medium Soi		
Dichlorodifluoromethane	ND	ug/kg	600	03/01/99	XZ	75-71-8	
Chloromethane	ND	ug/kg	600	03/01/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/kg	600	03/01/99	XZ	75-01-4	
Bromomethane	ND	ug/kg	600	03/01/99	XZ	74-83-9	
Chloroethane	ND	ug/kg	600	03/01/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/kg	300	03/01/99	XZ	75-69-4	
Methylene Chloride	ND	ug/kg	300	03/01/99	XZ	75-09-2	
1,1-Dichloroethene	ND	ug/kg	300	03/01/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	300	03/01/99	XZ	156-60-5	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124311 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-5 24-28 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1-Dichloroethane	ND	ug/kg	300	03/01/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/kg	300	03/01/99	XZ	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	300	03/01/99	XZ	156-59-2	
Chloroform	ND	ug/kg	300	03/01/99	XZ	67-66-3	
Bromochloromethane	ND	ug/kg	300	03/01/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	300	03/01/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/kg	300	03/01/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/kg	300	03/01/99	XZ	563-58-6	
Benzene	ND	ug/kg	300	03/01/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/kg	300	03/01/99	XZ	107-06-2	
Trichloroethene	ND	ug/kg	300	03/01/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/kg	300	03/01/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/kg	300	03/01/99	XZ	75-27-4	
Dibromomethane	ND	ug/kg	300	03/01/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/kg	300	03/01/99	XZ	10061-02-6	
Toluene	ND	ug/kg	300	03/01/99	XZ	108-88-3	
cis-1,3-Dichloropropene	ND	ug/kg	300	03/01/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/kg	300	03/01/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/kg	300	03/01/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/kg	300	03/01/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/kg	300	03/01/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/kg	300	03/01/99	XZ	106-93-4	
Chlorobenzene	ND	ug/kg	300	03/01/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	300	03/01/99	XZ	630-20-6	
Ethylbenzene	ND	ug/kg	300	03/01/99	XZ	100-41-4	
Xylene (Total)	ND	ug/kg	300	03/01/99	XZ	1330-20-7	
Styrene	ND	ug/kg	300	03/01/99	XZ	100-42-5	
Bromoform	ND	ug/kg	300	03/01/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	300	03/01/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	300	03/01/99	XZ	79-34-5	
Bromobenzene	ND	ug/kg	300	03/01/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	300	03/01/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/kg	300	03/01/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/kg	300	03/01/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	300	03/01/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/kg	300	03/01/99	XZ	106-43-4	
tert-Butylbenzene	ND	ug/kg	300	03/01/99	XZ	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	300	03/01/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/kg	300	03/01/99	XZ	135-98-8	
p-Isopropyltoluene	ND	ug/kg	300	03/01/99	XZ	99-87-6	

REPORT OF LABORATORY ANALYSIS

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124311 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-5 24-28 Date Received: 02/24/99

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,3-Dichlorobenzene	ND	ug/kg	300	03/01/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	300	03/01/99	XZ	106-46-7	
n-Butylbenzene	ND	ug/kg	300	03/01/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	300	03/01/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	300	03/01/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	300	03/01/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/kg	300	03/01/99	XZ	87-68-3	
Naphthalene	ND	ug/kg	300	03/01/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	300	03/01/99	XZ	87-61-6	
Dibromofluoromethane (S)	80	%		03/01/99	XZ	1868-53-7	
Toluene-d8 (S)	77	%		03/01/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	80	%		03/01/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	67	%		03/01/99	XZ	17060-07-0	
Date Prepared				03/01/99			

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124329 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-4 0-4 Date Received: 02/24/99

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
iorganics Prep							
Percent Moisture		Method:			Prep Method:		
Percent Moisture	5.8	%		02/27/99	JMZ		
Metals							
Metals, ICP		Method: EPA 6010			Prep Method: EPA 3050		
Arsenic	ND	mg/kg	4.73	03/03/99	JB1	7440-38-2	
Barium	35.4	mg/kg	0.526	03/03/99	JB1	7440-39-3	
Cadmium	ND	mg/kg	0.526	03/03/99	JB1	7440-43-9	
Chromium	4.5	mg/kg	0.263	03/03/99	JB1	7440-47-3	
Lead	ND	mg/kg	2.89	03/03/99	JB1	7439-92-1	
Selenium	6.01	mg/kg	5.26	03/03/99	JB1	7782-49-2	
Silver	ND	mg/kg	0.526	03/03/99	JB1	7440-22-4	4
Date Digested				03/02/99			
Mercury, CVAAS		Method: EPA 7471			Prep Method: EPA 7470		
Mercury	ND	mg/kg	0.0187	03/05/99	jmz	7439-97-6	
: Semivolatiles							
WI DRO in Soil		Method: TPH DRO Wisconsin			Prep Method: TPH DRO WI extracti		
Diesel Range Organic Compounds	54	mg/kg	8.9	03/07/99	BM1		1
n-Triacontane	50	%		03/07/99	BM1	638-68-6	
Date Extracted				03/02/99			
C/MS Volatiles							
VOCs by 8260 MEOH EXT.		Method: EPA 8260			Prep Method: EPA 5030 Medium Soi		
Dichlorodifluoromethane	ND	ug/kg	530	03/01/99	XZ	75-71-8	
Chloromethane	ND	ug/kg	530	03/01/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/kg	530	03/01/99	XZ	75-01-4	
Bromomethane	ND	ug/kg	530	03/01/99	XZ	74-83-9	
Chloroethane	ND	ug/kg	530	03/01/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/kg	270	03/01/99	XZ	75-69-4	
Methylene Chloride	ND	ug/kg	270	03/01/99	XZ	75-09-2	
1,1-Dichloroethene	ND	ug/kg	270	03/01/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	270	03/01/99	XZ	156-60-5	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124329 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-4 0-4 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1-Dichloroethane	ND	ug/kg	270	03/01/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/kg	270	03/01/99	XZ	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	270	03/01/99	XZ	156-59-2	
Chloroform	ND	ug/kg	270	03/01/99	XZ	67-66-3	
Bromochloromethane	ND	ug/kg	270	03/01/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	270	03/01/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/kg	270	03/01/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/kg	270	03/01/99	XZ	563-58-6	
Benzene	ND	ug/kg	270	03/01/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/kg	270	03/01/99	XZ	107-06-2	
Trichloroethene	ND	ug/kg	270	03/01/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/kg	270	03/01/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/kg	270	03/01/99	XZ	75-27-4	
Dibromomethane	ND	ug/kg	270	03/01/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/kg	270	03/01/99	XZ	10061-02-6	
Toluene	ND	ug/kg	270	03/01/99	XZ	108-88-3	
cis-1,3-Dichloropropene	ND	ug/kg	270	03/01/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/kg	270	03/01/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/kg	270	03/01/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/kg	270	03/01/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/kg	270	03/01/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/kg	270	03/01/99	XZ	106-93-4	
Chlorobenzene	ND	ug/kg	270	03/01/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	270	03/01/99	XZ	630-20-6	
Ethylbenzene	ND	ug/kg	270	03/01/99	XZ	100-41-4	
Xylene (Total)	ND	ug/kg	270	03/01/99	XZ	1330-20-7	
Styrene	ND	ug/kg	270	03/01/99	XZ	100-42-5	
Bromoform	ND	ug/kg	270	03/01/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	270	03/01/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	270	03/01/99	XZ	79-34-5	
Bromobenzene	ND	ug/kg	270	03/01/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	270	03/01/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/kg	270	03/01/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/kg	270	03/01/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	270	03/01/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/kg	270	03/01/99	XZ	106-43-4	
tert-Butylbenzene	ND	ug/kg	270	03/01/99	XZ	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	270	03/01/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/kg	270	03/01/99	XZ	135-98-8	
p-Isopropyltoluene	ND	ug/kg	270	03/01/99	XZ	99-87-6	

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124329 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-4 0-4 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,3-Dichlorobenzene	ND	ug/kg	270	03/01/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	270	03/01/99	XZ	106-46-7	
n-Butylbenzene	ND	ug/kg	270	03/01/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	270	03/01/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	270	03/01/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	270	03/01/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/kg	270	03/01/99	XZ	87-68-3	
Naphthalene	ND	ug/kg	270	03/01/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	270	03/01/99	XZ	87-61-6	
Dibromofluoromethane (S)	87	%		03/01/99	XZ	1868-53-7	
Toluene-d8 (S)	81	%		03/01/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	87	%		03/01/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	75	%		03/01/99	XZ	17060-07-0	
Date Prepared				03/01/99			

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124337 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-1 8-12 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Inorganics Prep							
Percent Moisture		Method:			Prep Method:		
Percent Moisture	9.2	%		02/27/99	JMZ		
GC Semivolatiles							
WI DRO in Soil		Method: TPH DRO Wisconsin			Prep Method: TPH DRO WI extracti		
Diesel Range Organic Compounds	ND	mg/kg	8.6	03/05/99	BM1		1
n-Triacontane	41	%		03/05/99	BM1	638-68-6	5
Date Extracted				03/02/99			
GC/MS Volatiles							
VOCs by 8260 MEOH EXT.		Method: EPA 8260			Prep Method: EPA 5030 Medium Soi		
Dichlorodifluoromethane	ND	ug/kg	550	03/01/99	XZ	75-71-8	
Chloromethane	ND	ug/kg	550	03/01/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/kg	550	03/01/99	XZ	75-01-4	
Bromomethane	ND	ug/kg	550	03/01/99	XZ	74-83-9	
Chloroethane	ND	ug/kg	550	03/01/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/kg	280	03/01/99	XZ	75-69-4	
Methylene Chloride	ND	ug/kg	280	03/01/99	XZ	75-09-2	
1,1-Dichloroethene	ND	ug/kg	280	03/01/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	280	03/01/99	XZ	156-60-5	
1,1-Dichloroethane	ND	ug/kg	280	03/01/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/kg	280	03/01/99	XZ	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	280	03/01/99	XZ	156-59-2	
Chloroform	ND	ug/kg	280	03/01/99	XZ	67-66-3	
Bromochloromethane	ND	ug/kg	280	03/01/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	280	03/01/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/kg	280	03/01/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/kg	280	03/01/99	XZ	563-58-6	
Benzene	ND	ug/kg	280	03/01/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/kg	280	03/01/99	XZ	107-06-2	
Trichloroethene	ND	ug/kg	280	03/01/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/kg	280	03/01/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/kg	280	03/01/99	XZ	75-27-4	
Dibromomethane	ND	ug/kg	280	03/01/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/kg	280	03/01/99	XZ	10061-02-6	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124337 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-1 8-12 Date Received: 02/24/99

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Toluene	ND	ug/kg	280	03/01/99	XZ	108-88-3	
cis-1,3-Dichloropropene	ND	ug/kg	280	03/01/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/kg	280	03/01/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/kg	280	03/01/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/kg	280	03/01/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/kg	280	03/01/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/kg	280	03/01/99	XZ	106-93-4	
Chlorobenzene	ND	ug/kg	280	03/01/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	280	03/01/99	XZ	630-20-6	
Ethylbenzene	ND	ug/kg	280	03/01/99	XZ	100-41-4	
Xylene (Total)	ND	ug/kg	280	03/01/99	XZ	1330-20-7	
Styrene	ND	ug/kg	280	03/01/99	XZ	100-42-5	
Bromoform	ND	ug/kg	280	03/01/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	280	03/01/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	280	03/01/99	XZ	79-34-5	
Bromobenzene	ND	ug/kg	280	03/01/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	280	03/01/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/kg	280	03/01/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/kg	280	03/01/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	280	03/01/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/kg	280	03/01/99	XZ	106-43-4	
tert-Butylbenzene	ND	ug/kg	280	03/01/99	XZ	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	280	03/01/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/kg	280	03/01/99	XZ	135-98-8	
p-Isopropyltoluene	ND	ug/kg	280	03/01/99	XZ	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	280	03/01/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	280	03/01/99	XZ	106-46-7	
n-Butylbenzene	ND	ug/kg	280	03/01/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	280	03/01/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	280	03/01/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	280	03/01/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/kg	280	03/01/99	XZ	87-68-3	
Naphthalene	ND	ug/kg	280	03/01/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	280	03/01/99	XZ	87-61-6	
Dibromofluoromethane (S)	82	%		03/01/99	XZ	1868-53-7	
Toluene-d8 (S)	82	%		03/01/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	90	%		03/01/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	70	%		03/01/99	XZ	17060-07-0	
Date Prepared				03/01/99			

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124345 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-3 8-12 Date Received: 02/24/99

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
norganics Prep							
Percent Moisture		Method:			Prep Method:		
Percent Moisture	9.5	%		02/27/99	JMZ		
GC Semivolatiles							
WI DRO in Soil		Method: TPH DRO Wisconsin			Prep Method: TPH DRO WI extracti		
Diesel Range Organic Compounds	ND	mg/kg	9.4	03/04/99	BM1		
n-Triacontane	64	%		03/04/99	BM1	638-68-6	
Date Extracted				03/02/99			
GC/MS Volatiles							
VOCs by 8260 MEOH EXT.		Method: EPA 8260			Prep Method: EPA 5030 Medium Soi		
Dichlorodifluoromethane	ND	ug/kg	550	03/01/99	XZ	75-71-8	
Chloromethane	ND	ug/kg	550	03/01/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/kg	550	03/01/99	XZ	75-01-4	
Bromomethane	ND	ug/kg	550	03/01/99	XZ	74-83-9	
Chloroethane	ND	ug/kg	550	03/01/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/kg	280	03/01/99	XZ	75-69-4	
Methylene Chloride	99	ug/kg	280	03/01/99	XZ	75-09-2	2,3
1,1-Dichloroethene	ND	ug/kg	280	03/01/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	280	03/01/99	XZ	156-60-5	
1,1-Dichloroethane	ND	ug/kg	280	03/01/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/kg	280	03/01/99	XZ	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	280	03/01/99	XZ	156-59-2	
Chloroform	ND	ug/kg	280	03/01/99	XZ	67-66-3	
Bromochloromethane	ND	ug/kg	280	03/01/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	280	03/01/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/kg	280	03/01/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/kg	280	03/01/99	XZ	563-58-6	
Benzene	ND	ug/kg	280	03/01/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/kg	280	03/01/99	XZ	107-06-2	
Trichloroethene	ND	ug/kg	280	03/01/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/kg	280	03/01/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/kg	280	03/01/99	XZ	75-27-4	
Dibromomethane	ND	ug/kg	280	03/01/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/kg	280	03/01/99	XZ	10061-02-6	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124345 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-3 8-12 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Toluene	ND	ug/kg	280	03/01/99	XZ	108-88-3	
cis-1,3-Dichloropropene	ND	ug/kg	280	03/01/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/kg	280	03/01/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/kg	280	03/01/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/kg	280	03/01/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/kg	280	03/01/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/kg	280	03/01/99	XZ	106-93-4	
Chlorobenzene	ND	ug/kg	280	03/01/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	280	03/01/99	XZ	630-20-6	
Ethylbenzene	ND	ug/kg	280	03/01/99	XZ	100-41-4	
Xylene (Total)	ND	ug/kg	280	03/01/99	XZ	1330-20-7	
Styrene	ND	ug/kg	280	03/01/99	XZ	100-42-5	
Bromoform	ND	ug/kg	280	03/01/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	280	03/01/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	280	03/01/99	XZ	79-34-5	
Bromobenzene	ND	ug/kg	280	03/01/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	280	03/01/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/kg	280	03/01/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/kg	280	03/01/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	280	03/01/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/kg	280	03/01/99	XZ	106-43-4	
tert-Butylbenzene	ND	ug/kg	280	03/01/99	XZ	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	280	03/01/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/kg	280	03/01/99	XZ	135-98-8	
p-Isopropyltoluene	ND	ug/kg	280	03/01/99	XZ	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	280	03/01/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	280	03/01/99	XZ	106-46-7	
n-Butylbenzene	ND	ug/kg	280	03/01/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	280	03/01/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	280	03/01/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	280	03/01/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/kg	280	03/01/99	XZ	87-68-3	
Naphthalene	ND	ug/kg	280	03/01/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	280	03/01/99	XZ	87-61-6	
Dibromofluoromethane (S)	80	%		03/01/99	XZ	1868-53-7	
Toluene-d8 (S)	80	%		03/01/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	80	%		03/01/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	71	%		03/01/99	XZ	17060-07-0	
Date Prepared				03/01/99			

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124352 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-2 20-24 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Inorganics Prep							
Percent Moisture	Method:				Prep Method:		
Percent Moisture	14.1	%		02/27/99	JMZ		
Metals							
Metals, ICP	Method: EPA 6010				Prep Method: EPA 3050		
Arsenic	ND	mg/kg	5.13	03/02/99	JB1	7440-38-2	
Barium	26.9	mg/kg	0.57	03/02/99	JB1	7440-39-3	
Cadmium	ND	mg/kg	0.57	03/02/99	JB1	7440-43-9	
Chromium	3.59	mg/kg	0.285	03/02/99	JB1	7440-47-3	
Lead	ND	mg/kg	3.14	03/02/99	JB1	7439-92-1	
Selenium	ND	mg/kg	5.7	03/02/99	JB1	7782-49-2	
Silver	ND	mg/kg	0.285	03/02/99	JB1	7440-22-4	
Date Digested				03/02/99			
Mercury, CVAAS	Method: EPA 7471				Prep Method: EPA 7470		
Mercury	ND	mg/kg	0.0233	03/05/99	jmz	7439-97-6	
Semivolatiles							
WI DRO in Soil	Method: TPH DRO Wisconsin				Prep Method: TPH DRO WI extracti		
Diesel Range Organic Compounds	ND	mg/kg	8.7	03/05/99	BM1		
n-Triacontane	71	%		03/05/99	BM1	638-68-6	
Date Extracted				03/02/99			
GC/MS Volatiles							
VOCs by 8260 MEOH EXT.	Method: EPA 8260				Prep Method: EPA 5030 Medium Soi		
Dichlorodifluoromethane	ND	ug/kg	580	03/01/99	XZ	75-71-8	
Chloromethane	ND	ug/kg	580	03/01/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/kg	580	03/01/99	XZ	75-01-4	
Bromomethane	ND	ug/kg	580	03/01/99	XZ	74-83-9	
Chloroethane	ND	ug/kg	580	03/01/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/kg	290	03/01/99	XZ	75-69-4	
Methylene Chloride	ND	ug/kg	290	03/01/99	XZ	75-09-2	
1,1-Dichloroethene	ND	ug/kg	290	03/01/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	290	03/01/99	XZ	156-60-5	

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124352 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-2 20-24 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1-Dichloroethane	ND	ug/kg	290	03/01/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/kg	290	03/01/99	XZ	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	290	03/01/99	XZ	156-59-2	
Chloroform	ND	ug/kg	290	03/01/99	XZ	67-66-3	
Bromochloromethane	ND	ug/kg	290	03/01/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	290	03/01/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/kg	290	03/01/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/kg	290	03/01/99	XZ	563-58-6	
Benzene	ND	ug/kg	290	03/01/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/kg	290	03/01/99	XZ	107-06-2	
Trichloroethene	ND	ug/kg	290	03/01/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/kg	290	03/01/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/kg	290	03/01/99	XZ	75-27-4	
Dibromomethane	ND	ug/kg	290	03/01/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/kg	290	03/01/99	XZ	10061-02-6	
Toluene	ND	ug/kg	290	03/01/99	XZ	108-88-3	
cis-1,3-Dichloropropene	ND	ug/kg	290	03/01/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/kg	290	03/01/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/kg	290	03/01/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/kg	290	03/01/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/kg	290	03/01/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/kg	290	03/01/99	XZ	106-93-4	
Chlorobenzene	ND	ug/kg	290	03/01/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	290	03/01/99	XZ	630-20-6	
Ethylbenzene	ND	ug/kg	290	03/01/99	XZ	100-41-4	
Xylene (Total)	ND	ug/kg	290	03/01/99	XZ	1330-20-7	
Styrene	ND	ug/kg	290	03/01/99	XZ	100-42-5	
Bromoform	ND	ug/kg	290	03/01/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	290	03/01/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	290	03/01/99	XZ	79-34-5	
Bromobenzene	ND	ug/kg	290	03/01/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	290	03/01/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/kg	290	03/01/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/kg	290	03/01/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	290	03/01/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/kg	290	03/01/99	XZ	106-43-4	
tert-Butylbenzene	ND	ug/kg	290	03/01/99	XZ	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	290	03/01/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/kg	290	03/01/99	XZ	135-98-8	
p-Isopropyltoluene	ND	ug/kg	290	03/01/99	XZ	99-87-6	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124352 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-2 20-24 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,3-Dichlorobenzene	ND	ug/kg	290	03/01/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	290	03/01/99	XZ	106-46-7	
n-Butylbenzene	ND	ug/kg	290	03/01/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	290	03/01/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	290	03/01/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	290	03/01/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/kg	290	03/01/99	XZ	87-68-3	
Naphthalene	ND	ug/kg	290	03/01/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	290	03/01/99	XZ	87-61-6	
Dibromofluoromethane (S)	80	%		03/01/99	XZ	1868-53-7	
Toluene-d8 (S)	75	%		03/01/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	92	%		03/01/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	62	%		03/01/99	XZ	17060-07-0	
Date Prepared				03/01/99			

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124360 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-14 8-1 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Inorganics Prep							
Percent Moisture		Method:			Prep Method:		
Percent Moisture	5.4	%		02/27/99	JMZ		
Metals							
Metals, ICP		Method: EPA 6010			Prep Method: EPA 3050		
Arsenic	ND	mg/kg	4.49	03/03/99	JB1	7440-38-2	
Barium	37.1	mg/kg	0.498	03/03/99	JB1	7440-39-3	
Cadmium	ND	mg/kg	0.498	03/03/99	JB1	7440-43-9	
Chromium	4.6	mg/kg	0.249	03/03/99	JB1	7440-47-3	
Lead	4.83	mg/kg	2.74	03/03/99	JB1	7439-92-1	
Selenium	ND	mg/kg	4.98	03/03/99	JB1	7782-49-2	
Silver	ND	mg/kg	0.249	03/03/99	JB1	7440-22-4	
Date Digested				03/02/99			
Mercury, CVAAS		Method: EPA 7471			Prep Method: EPA 7470		
Mercury	ND	mg/kg	0.0211	03/05/99	jmz	7439-97-6	
GC Semivolatiles							
WI DRO in Soil		Method: TPH DRO Wisconsin			Prep Method: TPH DRO WI extracti		
Diesel Range Organic Compounds	ND	mg/kg	7.5	03/05/99	BM1		1
n-Triacontane	50	%		03/05/99	BM1	638-68-6	
Date Extracted				03/02/99			
GC/MS Volatiles							
VOCs by 8260 MEOH EXT.		Method: EPA 8260			Prep Method: EPA 5030 Medium Soi		
Dichlorodifluoromethane	ND	ug/kg	530	03/01/99	XZ	75-71-8	
Chloromethane	ND	ug/kg	530	03/01/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/kg	530	03/01/99	XZ	75-01-4	
Bromomethane	ND	ug/kg	530	03/01/99	XZ	74-83-9	
Chloroethane	ND	ug/kg	530	03/01/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/kg	260	03/01/99	XZ	75-69-4	
Methylene Chloride	120	ug/kg	260	03/01/99	XZ	75-09-2	2,3
1,1-Dichloroethene	ND	ug/kg	260	03/01/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	260	03/01/99	XZ	156-60-5	

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124360 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-14 8-1 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1-Dichloroethane	ND	ug/kg	260	03/01/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/kg	260	03/01/99	XZ	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	260	03/01/99	XZ	156-59-2	
Chloroform	ND	ug/kg	260	03/01/99	XZ	67-66-3	
Bromochloromethane	ND	ug/kg	260	03/01/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	260	03/01/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/kg	260	03/01/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/kg	260	03/01/99	XZ	563-58-6	
Benzene	ND	ug/kg	260	03/01/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/kg	260	03/01/99	XZ	107-06-2	
Trichloroethene	ND	ug/kg	260	03/01/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/kg	260	03/01/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/kg	260	03/01/99	XZ	75-27-4	
Dibromomethane	ND	ug/kg	260	03/01/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/kg	260	03/01/99	XZ	10061-02-6	
Toluene	ND	ug/kg	260	03/01/99	XZ	108-88-3	
cis-1,3-Dichloropropene	ND	ug/kg	260	03/01/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/kg	260	03/01/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/kg	260	03/01/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/kg	260	03/01/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/kg	260	03/01/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/kg	260	03/01/99	XZ	106-93-4	
Chlorobenzene	ND	ug/kg	260	03/01/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	260	03/01/99	XZ	630-20-6	
Ethylbenzene	ND	ug/kg	260	03/01/99	XZ	100-41-4	
Xylene (Total)	ND	ug/kg	260	03/01/99	XZ	1330-20-7	
Styrene	ND	ug/kg	260	03/01/99	XZ	100-42-5	
Bromoform	ND	ug/kg	260	03/01/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	260	03/01/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	260	03/01/99	XZ	79-34-5	
Bromobenzene	ND	ug/kg	260	03/01/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	260	03/01/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/kg	260	03/01/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/kg	260	03/01/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	260	03/01/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/kg	260	03/01/99	XZ	106-43-4	
tert-Butylbenzene	ND	ug/kg	260	03/01/99	XZ	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	260	03/01/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/kg	260	03/01/99	XZ	135-98-8	
p-Isopropyltoluene	ND	ug/kg	260	03/01/99	XZ	99-87-6	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124360 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-14 8-1 Date Received: 02/24/99

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,3-Dichlorobenzene	ND	ug/kg	260	03/01/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	260	03/01/99	XZ	106-46-7	
n-Butylbenzene	ND	ug/kg	260	03/01/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	260	03/01/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	260	03/01/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	260	03/01/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/kg	260	03/01/99	XZ	87-68-3	
Naphthalene	ND	ug/kg	260	03/01/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	260	03/01/99	XZ	87-61-6	
Dibromofluoromethane (S)	90	%		03/01/99	XZ	1868-53-7	
Toluene-d8 (S)	85	%		03/01/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	90	%		03/01/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	72	%		03/01/99	XZ	17060-07-0	
Date Prepared				03/01/99			

C/MS Semivolatiles

Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550 Sonication		
Naphthalene	ND	ug/kg	350	03/03/99	LAH	91-20-3	
Acenaphthylene	ND	ug/kg	350	03/03/99	LAH	208-96-8	
Acenaphthene	ND	ug/kg	350	03/03/99	LAH	83-32-9	
Fluorene	ND	ug/kg	350	03/03/99	LAH	86-73-7	
Phenanthrene	ND	ug/kg	350	03/03/99	LAH	85-01-8	
Anthracene	ND	ug/kg	350	03/03/99	LAH	120-12-7	
Fluoranthene	ND	ug/kg	350	03/03/99	LAH	206-44-0	
Pyrene	ND	ug/kg	350	03/03/99	LAH	129-00-0	
Benzo(a)anthracene	ND	ug/kg	350	03/03/99	LAH	56-55-3	
Chrysene	ND	ug/kg	350	03/03/99	LAH	218-01-9	
Benzo(b)fluoranthene	ND	ug/kg	350	03/03/99	LAH	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	350	03/03/99	LAH	207-08-9	
Benzo(a)pyrene	ND	ug/kg	350	03/03/99	LAH	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	350	03/03/99	LAH	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	350	03/03/99	LAH	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	350	03/03/99	LAH	191-24-2	
Nitrobenzene-d5 (S)	76	%		03/03/99	LAH	4165-60-0	
2-Fluorobiphenyl (S)	78	%		03/03/99	LAH	321-60-8	
Terphenyl-d14 (S)	87	%		03/03/99	LAH	1718-51-0	
Date Extracted				03/03/99			

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124378 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-7 8-12 Date Received: 02/24/99

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
norganics Prep							
Percent Moisture		Method:			Prep Method:		
Percent Moisture	5.4	%		02/27/99	JMZ		
Metals							
Metals, ICP		Method: EPA 6010			Prep Method: EPA 3050		
Arsenic	ND	mg/kg	4.66	03/04/99	JB1	7440-38-2	
Barium	33.1	mg/kg	0.518	03/04/99	JB1	7440-39-3	
Cadmium	ND	mg/kg	0.518	03/04/99	JB1	7440-43-9	
Chromium	5.12	mg/kg	0.259	03/04/99	JB1	7440-47-3	
Lead	5.82	mg/kg	2.85	03/04/99	JB1	7439-92-1	
Selenium	ND	mg/kg	5.18	03/04/99	JB1	7782-49-2	
Silver	1.01	mg/kg	0.259	03/04/99	JB1	7440-22-4	
Date Digested				03/02/99			
Mercury, CVAAS		Method: EPA 7471			Prep Method: EPA 7470		
Mercury	ND	mg/kg	0.0211	03/05/99	jmz	7439-97-6	
C Semivolatiles							
WI DRO in Soil		Method: TPH DRO Wisconsin			Prep Method: TPH DRO WI extracti		
Diesel Range Organic Compounds	ND	mg/kg	8.7	03/04/99	BM1		
n-Triacontane	41	%		03/04/99	BM1	638-68-6	6
Date Extracted				03/02/99			
C/MS Volatiles							
VOCs by 8260 MEOH EXT.		Method: EPA 8260			Prep Method: EPA 5030 Medium Soi		
Dichlorodifluoromethane	ND	ug/kg	530	03/01/99	XZ	75-71-8	
Chloromethane	ND	ug/kg	530	03/01/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/kg	530	03/01/99	XZ	75-01-4	
Bromomethane	ND	ug/kg	530	03/01/99	XZ	74-83-9	
Chloroethane	ND	ug/kg	530	03/01/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/kg	260	03/01/99	XZ	75-69-4	
Methylene Chloride	510	ug/kg	260	03/01/99	XZ	75-09-2	3
1,1-Dichloroethene	ND	ug/kg	260	03/01/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	260	03/01/99	XZ	156-60-5	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124378 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-7 8-12 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1-Dichloroethane	ND	ug/kg	260	03/01/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/kg	260	03/01/99	XZ	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	260	03/01/99	XZ	156-59-2	
Chloroform	ND	ug/kg	260	03/01/99	XZ	67-66-3	
Bromochloromethane	ND	ug/kg	260	03/01/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	260	03/01/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/kg	260	03/01/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/kg	260	03/01/99	XZ	563-58-6	
Benzene	ND	ug/kg	260	03/01/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/kg	260	03/01/99	XZ	107-06-2	
Trichloroethene	ND	ug/kg	260	03/01/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/kg	260	03/01/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/kg	260	03/01/99	XZ	75-27-4	
Dibromomethane	ND	ug/kg	260	03/01/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/kg	260	03/01/99	XZ	10061-02-6	
Toluene	58	ug/kg	260	03/01/99	XZ	108-88-3	2
cis-1,3-Dichloropropene	ND	ug/kg	260	03/01/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/kg	260	03/01/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/kg	260	03/01/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/kg	260	03/01/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/kg	260	03/01/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/kg	260	03/01/99	XZ	106-93-4	
Chlorobenzene	ND	ug/kg	260	03/01/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	260	03/01/99	XZ	630-20-6	
Ethylbenzene	ND	ug/kg	260	03/01/99	XZ	100-41-4	
Xylene (Total)	ND	ug/kg	260	03/01/99	XZ	1330-20-7	
Styrene	ND	ug/kg	260	03/01/99	XZ	100-42-5	
Bromoform	ND	ug/kg	260	03/01/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	260	03/01/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	260	03/01/99	XZ	79-34-5	
Bromobenzene	ND	ug/kg	260	03/01/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	260	03/01/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/kg	260	03/01/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/kg	260	03/01/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	260	03/01/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/kg	260	03/01/99	XZ	106-43-4	
tert-Butylbenzene	ND	ug/kg	260	03/01/99	XZ	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	260	03/01/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/kg	260	03/01/99	XZ	135-98-8	
p-Isopropyltoluene	ND	ug/kg	260	03/01/99	XZ	99-87-6	

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124378 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-7 8-12 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,3-Dichlorobenzene	ND	ug/kg	260	03/01/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	260	03/01/99	XZ	106-46-7	
n-Butylbenzene	ND	ug/kg	260	03/01/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	260	03/01/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	260	03/01/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	260	03/01/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/kg	260	03/01/99	XZ	87-68-3	
Naphthalene	ND	ug/kg	260	03/01/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	260	03/01/99	XZ	87-61-6	
Dibromofluoromethane (S)	108	%		03/01/99	XZ	1868-53-7	
Toluene-d8 (S)	97	%		03/01/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	97	%		03/01/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	85	%		03/01/99	XZ	17060-07-0	
Date Prepared				03/01/99			

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124386 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-9 8-12 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Inorganics Prep							
Percent Moisture	Method:				Prep Method:		
Percent Moisture	6.1	%		02/27/99	JMZ		
Metals							
Metals, ICP	Method: EPA 6010				Prep Method: EPA 3050		
Arsenic	ND	mg/kg	4.84	03/04/99	JB1	7440-38-2	
Barium	49.5	mg/kg	0.538	03/04/99	JB1	7440-39-3	
Cadmium	ND	mg/kg	0.538	03/04/99	JB1	7440-43-9	
Chromium	5.84	mg/kg	0.269	03/04/99	JB1	7440-47-3	
Lead	5.29	mg/kg	2.96	03/04/99	JB1	7439-92-1	
Selenium	ND	mg/kg	5.38	03/04/99	JB1	7782-49-2	
Silver	0.995	mg/kg	0.269	03/04/99	JB1	7440-22-4	
Date Digested				03/02/99			
Mercury, CVAAS	Method: EPA 7471				Prep Method: EPA 7470		
Mercury	ND	mg/kg	0.0178	03/05/99	jmz	7439-97-6	
Semivolatiles							
WI DRO in Soil	Method: TPH DRO Wisconsin				Prep Method: TPH DRO WI extracti		
Diesel Range Organic Compounds	9.6	mg/kg	7.6	03/04/99	BM1		1
n-Triacontane	40	%		03/04/99	BM1	638-68-6	5
Date Extracted				03/02/99			
GC/MS Volatiles							
VOCs by 8260 MEOH EXT.	Method: EPA 8260				Prep Method: EPA 5030 Medium Soi		
Dichlorodifluoromethane	ND	ug/kg	530	03/01/99	XZ	75-71-8	
Chloromethane	ND	ug/kg	530	03/01/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/kg	530	03/01/99	XZ	75-01-4	
Bromomethane	ND	ug/kg	530	03/01/99	XZ	74-83-9	
Chloroethane	ND	ug/kg	530	03/01/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/kg	270	03/01/99	XZ	75-69-4	
Methylene Chloride	190	ug/kg	270	03/01/99	XZ	75-09-2	2,3
1,1-Dichloroethene	ND	ug/kg	270	03/01/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/kg	270	03/01/99	XZ	156-60-5	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124386 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-9 8-12 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1-Dichloroethane	ND	ug/kg	270	03/01/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/kg	270	03/01/99	XZ	594-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	270	03/01/99	XZ	156-59-2	
Chloroform	ND	ug/kg	270	03/01/99	XZ	67-66-3	
Bromochloromethane	ND	ug/kg	270	03/01/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/kg	270	03/01/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/kg	270	03/01/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/kg	270	03/01/99	XZ	563-58-6	
Benzene	ND	ug/kg	270	03/01/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/kg	270	03/01/99	XZ	107-06-2	
Trichloroethene	ND	ug/kg	270	03/01/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/kg	270	03/01/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/kg	270	03/01/99	XZ	75-27-4	
Dibromomethane	ND	ug/kg	270	03/01/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/kg	270	03/01/99	XZ	10061-02-6	
Toluene	ND	ug/kg	270	03/01/99	XZ	108-88-3	
cis-1,3-Dichloropropene	ND	ug/kg	270	03/01/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/kg	270	03/01/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/kg	270	03/01/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/kg	270	03/01/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/kg	270	03/01/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/kg	270	03/01/99	XZ	106-93-4	
Chlorobenzene	ND	ug/kg	270	03/01/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	270	03/01/99	XZ	630-20-6	
Ethylbenzene	ND	ug/kg	270	03/01/99	XZ	100-41-4	
Xylene (Total)	ND	ug/kg	270	03/01/99	XZ	1330-20-7	
Styrene	ND	ug/kg	270	03/01/99	XZ	100-42-5	
Bromoform	ND	ug/kg	270	03/01/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	270	03/01/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	270	03/01/99	XZ	79-34-5	
Bromobenzene	ND	ug/kg	270	03/01/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	270	03/01/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/kg	270	03/01/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/kg	270	03/01/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	270	03/01/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/kg	270	03/01/99	XZ	106-43-4	
tert-Butylbenzene	ND	ug/kg	270	03/01/99	XZ	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	270	03/01/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/kg	270	03/01/99	XZ	135-98-8	
p-Isopropyltoluene	ND	ug/kg	270	03/01/99	XZ	99-87-6	

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124386 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-9 8-12 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,3-Dichlorobenzene	ND	ug/kg	270	03/01/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	270	03/01/99	XZ	106-46-7	
n-Butylbenzene	ND	ug/kg	270	03/01/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	270	03/01/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	270	03/01/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	270	03/01/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/kg	270	03/01/99	XZ	87-68-3	
Naphthalene	ND	ug/kg	270	03/01/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	270	03/01/99	XZ	87-61-6	
Dibromofluoromethane (S)	105	%		03/01/99	XZ	1868-53-7	
Toluene-d8 (S)	93	%		03/01/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	93	%		03/01/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	80	%		03/01/99	XZ	17060-07-0	
Date Prepared				03/01/99			

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124394 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-15 0.5-4.5 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Inorganics Prep							
Percent Moisture		Method:			Prep Method:		
Percent Moisture	4.7	%		02/27/99	JMZ		
Metals							
Metals, ICP		Method: EPA 6010			Prep Method: EPA 3050		
Lead	5.6	mg/kg	2.86	03/04/99	JB1	7439-92-1	
Date Digested				03/02/99			
Wet Chemistry							
pH, Solid		Method: EPA 9045			Prep Method: EPA 9045		
pH	10.4		0.1	02/26/99	BJR1		

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124402 Date Collected: 02/23/99 Matrix: Soil
Client Sample ID: GP-16 0.5-4.5 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Inorganics Prep							
Percent Moisture		Method:			Prep Method:		
Percent Moisture	2.5	%		02/27/99	JMZ		
Metals							
Metals, ICP		Method: EPA 6010			Prep Method: EPA 3050		
Lead	ND	mg/kg	2.71	03/03/99	JB1	7439-92-1	
Date Digested				03/02/99			
Wet Chemistry							
pH, Solid		Method: EPA 9045			Prep Method: EPA 9045		
pH	10.3		0.1	02/26/99	BJR1		

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124410 Date Collected: 02/23/99 Matrix: Water
Client Sample ID: GP-11 24 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Metals							
Metals, ICP	Method: EPA 6010				Prep Method: EPA 3010		
Barium	33700	ug/L	50	03/04/99	JMZ	7440-39-3	4
Chromium	636	ug/L	50	03/04/99	JMZ	7440-47-3	4
Silver	ND	ug/L	50	03/04/99	JMZ	7440-22-4	4
Date Digested				03/02/99			
Metals, Trace ICP	Method: EPA 6010				Prep Method: EPA 3010		
Arsenic	2470	ug/L	100	03/05/99	BDA	7440-38-2	4
Cadmium	55.8	ug/L	10	03/05/99	BDA	7440-43-9	4
Lead	601	ug/L	60	03/05/99	BDA	7439-92-1	4
Selenium	ND	ug/L	100	03/05/99	BDA	7782-49-2	4
Date Digested				03/02/99			
Mercury, CVAAS	Method: EPA 7470				Prep Method: EPA 7470		
Mercury	1.38	ug/L	0.2	03/05/99	jmz	7439-97-6	
GC Semivolatiles							
WI DRO in water	Method: TPH DRO Wisconsin				Prep Method: EPA 3510		
Diesel Range Organic Compounds	ND	mg/L	0.11	03/06/99	BM1		
n-Triacontane	72	%		03/06/99	BM1	638-68-6	
Date Extracted				02/26/99			
GC/MS Volatiles							
8260 Low Level H2O	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/L	1	03/06/99	XZ	75-71-8	
Chloromethane	ND	ug/L	1	03/06/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/L	1	03/06/99	XZ	75-01-4	
Bromomethane	ND	ug/L	1	03/06/99	XZ	74-83-9	
Chloroethane	ND	ug/L	1	03/06/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/L	1	03/06/99	XZ	75-69-4	
Methylene Chloride	ND	ug/L	1	03/06/99	XZ	75-09-2	
1,1-Dichloroethene	ND	ug/L	1	03/06/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/L	1	03/06/99	XZ	156-60-5	
1,1-Dichloroethane	ND	ug/L	1	03/06/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/L	1	03/06/99	XZ	594-20-7	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124410 Date Collected: 02/23/99 Matrix: Water
Client Sample ID: GP-11 24 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
cis-1,2-Dichloroethene	ND	ug/L	1	03/06/99	XZ	156-59-2	
Chloroform	ND	ug/L	1	03/06/99	XZ	67-66-3	
Bromochloromethane	ND	ug/L	1	03/06/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/L	1	03/06/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/L	1	03/06/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/L	1	03/06/99	XZ	563-58-6	
Benzene	ND	ug/L	1	03/06/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/L	1	03/06/99	XZ	107-06-2	
Trichloroethene	ND	ug/L	1	03/06/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/L	1	03/06/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/L	1	03/06/99	XZ	75-27-4	
Dibromomethane	ND	ug/L	1	03/06/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/L	1	03/06/99	XZ	10061-02-6	
Toluene	ND	ug/L	1	03/06/99	XZ	108-88-3	
cis-1,3-Dichloropropene	ND	ug/L	1	03/06/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/L	1	03/06/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/L	1	03/06/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/L	1	03/06/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/L	1	03/06/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/L	1	03/06/99	XZ	106-93-4	
Chlorobenzene	ND	ug/L	1	03/06/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	03/06/99	XZ	630-20-6	
Ethylbenzene	ND	ug/L	1	03/06/99	XZ	100-41-4	
Xylene (Total)	ND	ug/L	1	03/06/99	XZ	1330-20-7	
Styrene	ND	ug/L	1	03/06/99	XZ	100-42-5	
Bromoform	ND	ug/L	1	03/06/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/L	1	03/06/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	03/06/99	XZ	79-34-5	
Bromobenzene	ND	ug/L	1	03/06/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/L	1	03/06/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/L	1	03/06/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/L	1	03/06/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/L	1	03/06/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/L	1	03/06/99	XZ	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/L	1	03/06/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/L	1	03/06/99	XZ	135-98-8	
tert-Butylbenzene	ND	ug/L	1	03/06/99	XZ	98-06-6	
p-Isopropyltoluene	ND	ug/L	1	03/06/99	XZ	99-87-6	
1,3-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	106-46-7	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124410 Date Collected: 02/23/99 Matrix: Water
Client Sample ID: GP-11 24 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
n-Butylbenzene	ND	ug/L	1	03/06/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	03/06/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/L	1	03/06/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/L	1	03/06/99	XZ	87-68-3	
Naphthalene	ND	ug/L	1	03/06/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/L	1	03/06/99	XZ	87-61-6	
Acrolein	ND	ug/L	10	03/06/99	XZ	107-02-8	
Acrylonitrile	ND	ug/L	2	03/06/99	XZ	107-13-1	
Dibromofluoromethane (S)	118	%		03/06/99	XZ	1868-53-7	
Toluene-d8 (S)	110	%		03/06/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	112	%		03/06/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%		03/06/99	XZ	17060-07-0	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124428 Date Collected: 02/23/99 Matrix: Water
Client Sample ID: GP-12 24 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Metals							
Metals, ICP	Method: EPA 6010				Prep Method: EPA 3010		
Barium	26000	ug/L	100	03/04/99	JMZ	7440-39-3	4
Chromium	723	ug/L	100	03/04/99	JMZ	7440-47-3	4
Silver	ND	ug/L	100	03/04/99	JMZ	7440-22-4	4
Date Digested				03/02/99			
Metals, Trace ICP	Method: EPA 6010				Prep Method: EPA 3010		
Arsenic	1500	ug/L	100	03/04/99	BDA	7440-38-2	4
Cadmium	ND	ug/L	10	03/04/99	BDA	7440-43-9	4
Lead	798	ug/L	60	03/04/99	BDA	7439-92-1	4
Selenium	ND	ug/L	100	03/04/99	BDA	7782-49-2	4
Date Digested				03/02/99			
Mercury, CVAAS	Method: EPA 7470				Prep Method: EPA 7470		
Mercury	1.47	ug/L	0.2	03/05/99	jmz	7439-97-6	
GC Semivolatiles							
WI DRO in water	Method: TPH DRO Wisconsin				Prep Method: EPA 3510		
Diesel Range Organic Compounds	ND	mg/L	0.1	03/06/99	BM1		
n-Triacontane	71	%		03/06/99	BM1	638-68-6	
Date Extracted				02/26/99			
GC/MS Volatiles							
8260 Low Level H2O	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/L	1	03/06/99	XZ	75-71-8	
Chloromethane	ND	ug/L	1	03/06/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/L	1	03/06/99	XZ	75-01-4	
Bromomethane	ND	ug/L	1	03/06/99	XZ	74-83-9	
Chloroethane	ND	ug/L	1	03/06/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/L	1	03/06/99	XZ	75-69-4	
Methylene Chloride	ND	ug/L	1	03/06/99	XZ	75-09-2	
1,1-Dichloroethene	ND	ug/L	1	03/06/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/L	1	03/06/99	XZ	156-60-5	
1,1-Dichloroethane	ND	ug/L	1	03/06/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/L	1	03/06/99	XZ	594-20-7	

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124428 Date Collected: 02/23/99 Matrix: Water
Client Sample ID: GP-12 24 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
cis-1,2-Dichloroethene	ND	ug/L	1	03/06/99	XZ	156-59-2	
Chloroform	ND	ug/L	1	03/06/99	XZ	67-66-3	
Bromochloromethane	ND	ug/L	1	03/06/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/L	1	03/06/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/L	1	03/06/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/L	1	03/06/99	XZ	563-58-6	
Benzene	ND	ug/L	1	03/06/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/L	1	03/06/99	XZ	107-06-2	
Trichloroethene	ND	ug/L	1	03/06/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/L	1	03/06/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/L	1	03/06/99	XZ	75-27-4	
Dibromomethane	ND	ug/L	1	03/06/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/L	1	03/06/99	XZ	10061-02-6	
Toluene	0.72	ug/L	1	03/06/99	XZ	108-88-3	2
cis-1,3-Dichloropropene	ND	ug/L	1	03/06/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/L	1	03/06/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/L	1	03/06/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/L	1	03/06/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/L	1	03/06/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/L	1	03/06/99	XZ	106-93-4	
Chlorobenzene	ND	ug/L	1	03/06/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	03/06/99	XZ	630-20-6	
Ethylbenzene	0.69	ug/L	1	03/06/99	XZ	100-41-4	2
Xylene (Total)	ND	ug/L	1	03/06/99	XZ	1330-20-7	
Styrene	ND	ug/L	1	03/06/99	XZ	100-42-5	
Bromoform	ND	ug/L	1	03/06/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/L	1	03/06/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	03/06/99	XZ	79-34-5	
Bromobenzene	ND	ug/L	1	03/06/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/L	1	03/06/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/L	1	03/06/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/L	1	03/06/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/L	1	03/06/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/L	1	03/06/99	XZ	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/L	1	03/06/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/L	1	03/06/99	XZ	135-98-8	
tert-Butylbenzene	ND	ug/L	1	03/06/99	XZ	98-06-6	
p-Isopropyltoluene	ND	ug/L	1	03/06/99	XZ	99-87-6	
1,3-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	106-46-7	

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124428 Date Collected: 02/23/99 Matrix: Water
Client Sample ID: GP-12 24 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
n-Butylbenzene	ND	ug/L	1	03/06/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	03/06/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/L	1	03/06/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/L	1	03/06/99	XZ	87-68-3	
Naphthalene	ND	ug/L	1	03/06/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/L	1	03/06/99	XZ	87-61-6	
Acrolein	ND	ug/L	10	03/06/99	XZ	107-02-8	
Acrylonitrile	ND	ug/L	2	03/06/99	XZ	107-13-1	
Dibromofluoromethane (S)	116	%		03/06/99	XZ	1868-53-7	
Toluene-d8 (S)	112	%		03/06/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	116	%		03/06/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	122	%		03/06/99	XZ	17060-07-0	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124436 Date Collected: 02/23/99 Matrix: Water
Client Sample ID: GP-5 24 Date Received: 02/24/99

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
etals							
Metals, ICP		Method: EPA 6010			Prep Method: EPA 3010		
Barium	16100	ug/L	50	03/04/99	JMZ	7440-39-3	4
Chromium	911	ug/L	50	03/04/99	JMZ	7440-47-3	4
Silver	ND	ug/L	50	03/04/99	JMZ	7440-22-4	4
Date Digested				03/02/99			
Metals, Trace ICP		Method: EPA 6010			Prep Method: EPA 3010		
Arsenic	2340	ug/L	50	03/04/99	BDA	7440-38-2	4
Cadmium	ND	ug/L	5	03/04/99	BDA	7440-43-9	4
Lead	592	ug/L	30	03/04/99	BDA	7439-92-1	4
Selenium	ND	ug/L	50	03/04/99	BDA	7782-49-2	4
Date Digested				03/02/99			
Mercury, CVAAS		Method: EPA 7470			Prep Method: EPA 7470		
Mercury	1.09	ug/L	0.2	03/05/99	jmz	7439-97-6	
GC Semivolatiles							
WI DRO in water		Method: TPH DRO Wisconsin			Prep Method: EPA 3510		
Diesel Range Organic Compounds	ND	mg/L	0.11	03/06/99	BM1		
n-Triacontane	63	%		03/06/99	BM1	638-68-6	
Date Extracted				02/26/99			
GC/MS Volatiles							
8260 Low Level H2O		Method: EPA 8260			Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/L	1	03/06/99	XZ	75-71-8	
Chloromethane	ND	ug/L	1	03/06/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/L	1	03/06/99	XZ	75-01-4	
Bromomethane	ND	ug/L	1	03/06/99	XZ	74-83-9	
Chloroethane	ND	ug/L	1	03/06/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/L	1	03/06/99	XZ	75-69-4	
Methylene Chloride	ND	ug/L	1	03/06/99	XZ	75-09-2	
1,1-Dichloroethene	ND	ug/L	1	03/06/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/L	1	03/06/99	XZ	156-60-5	
1,1-Dichloroethane	ND	ug/L	1	03/06/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/L	1	03/06/99	XZ	594-20-7	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124436 Date Collected: 02/23/99 Matrix: Water
Client Sample ID: GP-5 24 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
cis-1,2-Dichloroethene	ND	ug/L	1	03/06/99	XZ	156-59-2	
Chloroform	ND	ug/L	1	03/06/99	XZ	67-66-3	
Bromochloromethane	ND	ug/L	1	03/06/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/L	1	03/06/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/L	1	03/06/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/L	1	03/06/99	XZ	563-58-6	
Benzene	ND	ug/L	1	03/06/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/L	1	03/06/99	XZ	107-06-2	
Trichloroethene	ND	ug/L	1	03/06/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/L	1	03/06/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/L	1	03/06/99	XZ	75-27-4	
Dibromomethane	ND	ug/L	1	03/06/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/L	1	03/06/99	XZ	10061-02-6	
Toluene	0.73	ug/L	1	03/06/99	XZ	108-88-3	2
cis-1,3-Dichloropropene	ND	ug/L	1	03/06/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/L	1	03/06/99	XZ	79-00-5	
Tetrachloroethene	0.54	ug/L	1	03/06/99	XZ	127-18-4	2
1,3-Dichloropropane	ND	ug/L	1	03/06/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/L	1	03/06/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/L	1	03/06/99	XZ	106-93-4	
Chlorobenzene	ND	ug/L	1	03/06/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	03/06/99	XZ	630-20-6	
Ethylbenzene	0.77	ug/L	1	03/06/99	XZ	100-41-4	2
Xylene (Total)	ND	ug/L	1	03/06/99	XZ	1330-20-7	
Styrene	ND	ug/L	1	03/06/99	XZ	100-42-5	
Bromoform	ND	ug/L	1	03/06/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/L	1	03/06/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	03/06/99	XZ	79-34-5	
Bromobenzene	ND	ug/L	1	03/06/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/L	1	03/06/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/L	1	03/06/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/L	1	03/06/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/L	1	03/06/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/L	1	03/06/99	XZ	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/L	1	03/06/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/L	1	03/06/99	XZ	135-98-8	
tert-Butylbenzene	ND	ug/L	1	03/06/99	XZ	98-06-6	
p-Isopropyltoluene	ND	ug/L	1	03/06/99	XZ	99-87-6	
1,3-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	106-46-7	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124436 Date Collected: 02/23/99 Matrix: Water
Client Sample ID: GP-5 24 Date Received: 02/24/99

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
n-Butylbenzene	ND	ug/L	1	03/06/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	03/06/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/L	1	03/06/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/L	1	03/06/99	XZ	87-68-3	
Naphthalene	ND	ug/L	1	03/06/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/L	1	03/06/99	XZ	87-61-6	
Acrolein	ND	ug/L	10	03/06/99	XZ	107-02-8	
Acrylonitrile	ND	ug/L	2	03/06/99	XZ	107-13-1	
Dibromofluoromethane (S)	114	%		03/06/99	XZ	1868-53-7	
Toluene-d8 (S)	112	%		03/06/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	112	%		03/06/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%		03/06/99	XZ	17060-07-0	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124444 Date Collected: 02/23/99 Matrix: Water
Client Sample ID: GP-2 24 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Metals							
Metals, ICP	Method: EPA 6010				Prep Method: EPA 3010		
Barium	29300	ug/L	50	03/04/99	JMZ	7440-39-3	4
Chromium	759	ug/L	50	03/04/99	JMZ	7440-47-3	4
Silver	ND	ug/L	50	03/04/99	JMZ	7440-22-4	4
Date Digested				03/02/99			
Metals, Trace ICP	Method: EPA 6010				Prep Method: EPA 3010		
Arsenic	1170	ug/L	100	03/05/99	BDA	7440-38-2	4
Cadmium	ND	ug/L	10	03/05/99	BDA	7440-43-9	4
Lead	1070	ug/L	60	03/05/99	BDA	7439-92-1	4
Selenium	ND	ug/L	100	03/05/99	BDA	7782-49-2	4
Date Digested				03/02/99			
Mercury, CVAAS	Method: EPA 7470				Prep Method: EPA 7470		
Mercury	2.91	ug/L	0.2	03/05/99	jmz	7439-97-6	
GC Semivolatiles							
WI DRO in water	Method: TPH DRO Wisconsin				Prep Method: EPA 3510		
Diesel Range Organic Compounds	ND	mg/L	0.1	03/06/99	BM1		
n-Triacontane	64	%		03/06/99	BM1	638-68-6	
Date Extracted				02/26/99			
GC/MS Volatiles							
8260 Low Level H2O	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/L	1	03/06/99	XZ	75-71-8	
Chloromethane	ND	ug/L	1	03/06/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/L	1	03/06/99	XZ	75-01-4	
Bromomethane	ND	ug/L	1	03/06/99	XZ	74-83-9	
Chloroethane	ND	ug/L	1	03/06/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/L	1	03/06/99	XZ	75-69-4	
Methylene Chloride	ND	ug/L	1	03/06/99	XZ	75-09-2	
1,1-Dichloroethene	ND	ug/L	1	03/06/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/L	1	03/06/99	XZ	156-60-5	
1,1-Dichloroethane	ND	ug/L	1	03/06/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/L	1	03/06/99	XZ	594-20-7	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124444 Date Collected: 02/23/99 Matrix: Water
Client Sample ID: GP-2 24 Date Received: 02/24/99

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
cis-1,2-Dichloroethene	ND	ug/L	1	03/06/99	XZ	156-59-2	
Chloroform	ND	ug/L	1	03/06/99	XZ	67-66-3	
Bromochloromethane	ND	ug/L	1	03/06/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/L	1	03/06/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/L	1	03/06/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/L	1	03/06/99	XZ	563-58-6	
Benzene	ND	ug/L	1	03/06/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/L	1	03/06/99	XZ	107-06-2	
Trichloroethene	ND	ug/L	1	03/06/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/L	1	03/06/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/L	1	03/06/99	XZ	75-27-4	
Dibromomethane	ND	ug/L	1	03/06/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/L	1	03/06/99	XZ	10061-02-6	
Toluene	0.71	ug/L	1	03/06/99	XZ	108-88-3	2
cis-1,3-Dichloropropene	ND	ug/L	1	03/06/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/L	1	03/06/99	XZ	79-00-5	
Tetrachloroethene	0.58	ug/L	1	03/06/99	XZ	127-18-4	2
1,3-Dichloropropane	ND	ug/L	1	03/06/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/L	1	03/06/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/L	1	03/06/99	XZ	106-93-4	
Chlorobenzene	ND	ug/L	1	03/06/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	03/06/99	XZ	630-20-6	
Ethylbenzene	0.68	ug/L	1	03/06/99	XZ	100-41-4	2
Xylene (Total)	ND	ug/L	1	03/06/99	XZ	1330-20-7	
Styrene	ND	ug/L	1	03/06/99	XZ	100-42-5	
Bromoform	ND	ug/L	1	03/06/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/L	1	03/06/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	03/06/99	XZ	79-34-5	
Bromobenzene	ND	ug/L	1	03/06/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/L	1	03/06/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/L	1	03/06/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/L	1	03/06/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/L	1	03/06/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/L	1	03/06/99	XZ	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/L	1	03/06/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/L	1	03/06/99	XZ	135-98-8	
tert-Butylbenzene	ND	ug/L	1	03/06/99	XZ	98-06-6	
p-Isopropyltoluene	ND	ug/L	1	03/06/99	XZ	99-87-6	
1,3-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	106-46-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-1700
Fax: 612-607-6444

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124444 Date Collected: 02/23/99 Matrix: Water
Client Sample ID: GP-2 24 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
n-Butylbenzene	ND	ug/L	1	03/06/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	03/06/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/L	1	03/06/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/L	1	03/06/99	XZ	87-68-3	
Naphthalene	ND	ug/L	1	03/06/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/L	1	03/06/99	XZ	87-61-6	
Acrolein	ND	ug/L	10	03/06/99	XZ	107-02-8	
Acrylonitrile	ND	ug/L	2	03/06/99	XZ	107-13-1	
Dibromofluoromethane (S)	116	%		03/06/99	XZ	1868-53-7	
Toluene-d8 (S)	112	%		03/06/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	114	%		03/06/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	118	%		03/06/99	XZ	17060-07-0	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124451 Date Collected: 02/23/99 Matrix: Water
Client Sample ID: GP-4 23.5 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Metals							
Metals, ICP	Method: EPA 6010				Prep Method: EPA 3010		
Barium	10000	ug/L	50	03/04/99	JMZ	7440-39-3	4
Chromium	784	ug/L	50	03/04/99	JMZ	7440-47-3	4
Silver	ND	ug/L	50	03/04/99	JMZ	7440-22-4	4
Date Digested				03/02/99			
Metals, Trace ICP	Method: EPA 6010				Prep Method: EPA 3010		
Arsenic	1150	ug/L	50	03/04/99	BDA	7440-38-2	4
Cadmium	ND	ug/L	5	03/04/99	BDA	7440-43-9	4
Lead	756	ug/L	30	03/04/99	BDA	7439-92-1	4
Selenium	ND	ug/L	50	03/04/99	BDA	7782-49-2	4
Date Digested				03/02/99			
Mercury, CVAAS	Method: EPA 7470				Prep Method: EPA 7470		
Mercury	1.62	ug/L	0.2	03/05/99	jmz	7439-97-6	
GC Semivolatiles							
WI DRO in water	Method: TPH DRO Wisconsin				Prep Method: EPA 3510		
Diesel Range Organic Compounds	ND	mg/L	0.1	03/06/99	BM1		
n-Triacontane	68	%		03/06/99	BM1	638-68-6	
Date Extracted				02/26/99			
GC/MS Volatiles							
8260 Low Level H2O	Method: EPA 8260				Prep Method: EPA 8260		
Dichlorodifluoromethane	ND	ug/L	1	03/06/99	XZ	75-71-8	
Chloromethane	ND	ug/L	1	03/06/99	XZ	74-87-3	
Vinyl Chloride	ND	ug/L	1	03/06/99	XZ	75-01-4	
Bromomethane	ND	ug/L	1	03/06/99	XZ	74-83-9	
Chloroethane	ND	ug/L	1	03/06/99	XZ	75-00-3	
Trichlorofluoromethane	ND	ug/L	1	03/06/99	XZ	75-69-4	
Methylene Chloride	ND	ug/L	1	03/06/99	XZ	75-09-2	
1,1-Dichloroethene	ND	ug/L	1	03/06/99	XZ	75-35-4	
trans-1,2-Dichloroethene	ND	ug/L	1	03/06/99	XZ	156-60-5	
1,1-Dichloroethane	ND	ug/L	1	03/06/99	XZ	75-34-3	
2,2-Dichloropropane	ND	ug/L	1	03/06/99	XZ	594-20-7	

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124451 Date Collected: 02/23/99 Matrix: Water
Client Sample ID: GP-4 23.5 Date Received: 02/24/99

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
cis-1,2-Dichloroethene	ND	ug/L	1	03/06/99	XZ	156-59-2	
Chloroform	ND	ug/L	1	03/06/99	XZ	67-66-3	
Bromochloromethane	ND	ug/L	1	03/06/99	XZ	74-97-5	
1,1,1-Trichloroethane	ND	ug/L	1	03/06/99	XZ	71-55-6	
Carbon Tetrachloride	ND	ug/L	1	03/06/99	XZ	56-23-5	
1,1-Dichloropropene	ND	ug/L	1	03/06/99	XZ	563-58-6	
Benzene	ND	ug/L	1	03/06/99	XZ	71-43-2	
1,2-Dichloroethane	ND	ug/L	1	03/06/99	XZ	107-06-2	
Trichloroethene	ND	ug/L	1	03/06/99	XZ	79-01-6	
1,2-Dichloropropane	ND	ug/L	1	03/06/99	XZ	78-87-5	
Bromodichloromethane	ND	ug/L	1	03/06/99	XZ	75-27-4	
Dibromomethane	ND	ug/L	1	03/06/99	XZ	74-95-3	
trans-1,3-Dichloropropene	ND	ug/L	1	03/06/99	XZ	10061-02-6	
Toluene	0.64	ug/L	1	03/06/99	XZ	108-88-3	2
cis-1,3-Dichloropropene	ND	ug/L	1	03/06/99	XZ	10061-01-5	
1,1,2-Trichloroethane	ND	ug/L	1	03/06/99	XZ	79-00-5	
Tetrachloroethene	ND	ug/L	1	03/06/99	XZ	127-18-4	
1,3-Dichloropropane	ND	ug/L	1	03/06/99	XZ	142-28-9	
Dibromochloromethane	ND	ug/L	1	03/06/99	XZ	124-48-1	
1,2-Dibromoethane	ND	ug/L	1	03/06/99	XZ	106-93-4	
Chlorobenzene	ND	ug/L	1	03/06/99	XZ	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	03/06/99	XZ	630-20-6	
Ethylbenzene	0.57	ug/L	1	03/06/99	XZ	100-41-4	2
Xylene (Total)	ND	ug/L	1	03/06/99	XZ	1330-20-7	
Styrene	ND	ug/L	1	03/06/99	XZ	100-42-5	
Bromoform	ND	ug/L	1	03/06/99	XZ	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/L	1	03/06/99	XZ	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	03/06/99	XZ	79-34-5	
Bromobenzene	ND	ug/L	1	03/06/99	XZ	108-86-1	
1,2,3-Trichloropropane	ND	ug/L	1	03/06/99	XZ	96-18-4	
n-Propylbenzene	ND	ug/L	1	03/06/99	XZ	103-65-1	
2-Chlorotoluene	ND	ug/L	1	03/06/99	XZ	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/L	1	03/06/99	XZ	108-67-8	
4-Chlorotoluene	ND	ug/L	1	03/06/99	XZ	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/L	1	03/06/99	XZ	95-63-6	
sec-Butylbenzene	ND	ug/L	1	03/06/99	XZ	135-98-8	
tert-Butylbenzene	ND	ug/L	1	03/06/99	XZ	98-06-6	
p-Isopropyltoluene	ND	ug/L	1	03/06/99	XZ	99-87-6	
1,3-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	106-46-7	

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Pace Analytical

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Pace Sample No: 101124451 Date Collected: 02/23/99 Matrix: Water
Client Sample ID: GP-4 23.5 Date Received: 02/24/99

arameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
n-Butylbenzene	ND	ug/L	1	03/06/99	XZ	104-51-8	
1,2-Dichlorobenzene	ND	ug/L	1	03/06/99	XZ	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	03/06/99	XZ	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/L	1	03/06/99	XZ	120-82-1	
Hexachlorobutadiene	ND	ug/L	1	03/06/99	XZ	87-68-3	
Naphthalene	ND	ug/L	1	03/06/99	XZ	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/L	1	03/06/99	XZ	87-61-6	
Acrolein	ND	ug/L	10	03/06/99	XZ	107-02-8	
Acrylonitrile	ND	ug/L	2	03/06/99	XZ	107-13-1	
Dibromofluoromethane (S)	116	%		03/06/99	XZ	1868-53-7	
Toluene-d8 (S)	110	%		03/06/99	XZ	2037-26-5	
4-Bromofluorobenzene (S)	112	%		03/06/99	XZ	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%		03/06/99	XZ	17060-07-0	

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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

PARAMETER FOOTNOTES

)	Not Detected
C	Not Calculable
PRL	Pace Reporting Limit
S)	Surrogate
.]	High boiling point hydrocarbons are present in sample.
[2]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).
[3]	Common laboratory contaminant.
[4]	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
[5]	The surrogate recovery was outside QC acceptance limits due to matrix interference.
[6]	The surrogate and/or spike recovery was outside acceptance limits.

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Pace Analytical

QUALITY CONTROL DATA

ISR
4500 Park Glen Rd.
St.Louis Park, MN 55416

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

:tn: Mr. Peter Moore
ıone: 924-0117

QC Batch ID: 22099
ıalysis Method:
QC Batch Method:
Analysis Description: Percent Moisture
Associated Pace Samples: 101124261 101124287 101124295 101124303 101124311 101124329 101124337 101124345 101124352 101124360 101124378 101124386 101124394 101124402

THOD BLANK: 101124576
ssociated Pace Samples:
101124261 101124287 101124295 101124303 101124311 101124329 101124337 101124345 101124352 101124360 101124378 101124386 101124394 101124402

Parameter	Units	Method Blank Result	PRL	Footnotes
ercent Moisture	%	0		

MPLE DUPLICATE: 101124584

Parameter	Units	101124121	Dup. Result	RPD	Footnotes
ercent Moisture	%	9.100	11.20	21	

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Pace Analytical

QUALITY CONTROL DATA

NSR
4500 Park Glen Rd.
St.Louis Park, MN 55416

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Attn: Mr. Peter Moore
Phone: 924-0117

QC Batch ID: 22104
Analysis Method: EPA 9045
QC Batch Method: EPA 9045
Analysis Description: pH, Solid
Associated Pace Samples: 101124394 101124402

LABORATORY CONTROL SAMPLE: 101124741

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
pH		5.000	5.000	100	

SAMPLE DUPLICATE: 101124733

Parameter	Units	101124394	Dup. Result	RPD	Footnotes
pH		10.40	10.40	0	

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QUALITY CONTROL DATA

ISR
4500 Park Glen Rd.
St. Louis Park, MN 55416

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Attn: Mr. Peter Moore
Phone: 924-0117

QC Batch ID: 22115
QC Batch Method: EPA 3510
Analysis Method: TPH DRO Wisconsin
Analysis Description: WI DRO in water
Associated Pace Samples: 101124410 101124428 101124436 101124444 101124451

METHOD BLANK: 101125110
Associated Pace Samples:
101124410 101124428 101124436 101124444 101124451

Parameter	Units	Method Blank Result	PRL	Footnotes
Diesel Range Organic Compounds	mg/L	ND	0.1	
n-Triacontane	%	59		

LABORATORY CONTROL SAMPLE & LCSD: 101125128 101125136

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Diesel Range Organic Compounds	mg/L	1.000	0.7780	77.8	0.6240	62.4	22	1
n-Triacontane				71		58		

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Pace Analytical

QUALITY CONTROL DATA

VSR
4500 Park Glen Rd.
St.Louis Park, MN 55416

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Attn: Mr. Peter Moore
Phone: 924-0117

QC Batch ID: 22164
Analysis Method: EPA 6010
QC Batch Method: EPA 3010
Analysis Description: Metals, ICP
Associated Pace Samples: 101124410 101124428 101124436 101124444 101124451

METHOD BLANK: 101128254
Associated Pace Samples:
101124410 101124428 101124436 101124444 101124451

Parameter	Units	Method Blank Result	PRL	Footnotes
Barium	ug/L	ND	10	
Arsenic	ug/L	ND	5	
Chromium	ug/L	ND	10	
Cadmium	ug/L	ND	0.5	
Lead	ug/L	ND	3	
Selenium	ug/L	ND	5	
Silver	ug/L	ND	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 101128262 101128270

Parameter	Units	101124139	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Arsenic	ug/L	18.30	5000	5345	106	5230	104	2	
Barium	ug/L	369800	5000	3710	-7320	3745	-7320	0	2,3,2
Cadmium	ug/L	2.799	5000	4428	88.5	4388	87.7	1	
Chromium	ug/L	0	5000	4640	92.8	5162	103	11	2,2
Lead	ug/L	23.64	5000	4552	90.6	4505	89.6	1	
Selenium	ug/L	8.645	5000	1886	37.5	1712	34.1	9	
Silver	ug/L	2068	5000	6610	90.9	6645	91.6	1	2,2

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QUALITY CONTROL DATA

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

LABORATORY CONTROL SAMPLE: 101128288

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Arsenic	ug/L	1000	1057	106	
Barium	ug/L	1000	996.6	99.7	
Cadmium	ug/L	1000	1038	104	
Chromium	ug/L	1000	961.1	96.1	
Lead	ug/L	1000	1038	104	
Selenium	ug/L	1000	1004	100	
Silver	ug/L	1000	983.1	98.3	

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QUALITY CONTROL DATA

ISR
4500 Park Glen Rd.
St.Louis Park, MN 55416

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

:tn: Mr. Peter Moore
ione: 924-0117

QC Batch ID: 22195
QC Batch Method: EPA 3050
nalysis Method: EPA 6010
Analysis Description: Metals, ICP
Associated Pace Samples: 101124261 101124287 101124311 101124329 101124352 101124360 101124378 101124386 101124394 101124402

METHOD BLANK: 101129294
Associated Pace Samples:
101124261 101124287 101124311 101124329 101124352 101124360 101124378 101124386 101124394 101124402

Parameter	Units	Method Blank Result	PRL	Footnotes
Arsenic	mg/kg	ND	4.5	
Barium	mg/kg	ND	0.5	
Cadmium	mg/kg	ND	0.5	
Chromium	mg/kg	ND	0.25	
Lead	mg/kg	ND	2.75	
Selenium	mg/kg	ND	5	
Silver	mg/kg	ND	0.25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 101129310 101129328

Parameter	Units	101124261	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Arsenic	mg/kg	0	53.72	51.03	95.0	48.73	91.6	4	
Barium	mg/kg	495.4	53.72	405.4	-168	306.7	-355	72	3
Cadmium	mg/kg	0	53.72	41.98	78.2	40.57	76.3	2	3
Chromium	mg/kg	4.743	53.72	46.09	77.0	46.42	78.3	2	3
Lead	mg/kg	4.093	53.72	44.99	76.1	45.14	77.1	1	3
Selenium	mg/kg	0	53.72	41.93	78.1	43.52	81.8	5	3
Silver	mg/kg	1.493	53.72	49.72	89.8	49.12	89.5	0	

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QUALITY CONTROL DATA

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

LABORATORY CONTROL SAMPLE: 101129302

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Arsenic	mg/kg	1.000	0.9022	90.2	
Barium	mg/kg	1.000	0.8722	87.2	
Cadmium	mg/kg	1.000	0.8508	85.1	
Chromium	mg/kg	1.000	0.8971	89.7	
Lead	mg/kg	1.000	0.9165	91.7	
Selenium	mg/kg	1.000	0.9350	93.5	
Silver	mg/kg	1.000	0.8656	86.6	

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4500 Park Glen Rd.
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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

:tn: Mr. Peter Moore
ıone: 924-0117

QC Batch ID: 22209
ıalysis Method: TPH DRO Wisconsin
QC Batch Method: TPH DRO WI extracti
Analysis Description: WI DRO in Soil
Associated Pace Samples: 101124261 101124287 101124295 101124303 101124311 101124329 101124337 101124345 101124352 101124360 101124378 101124386

:THOD BLANK: 101129716
ıssociated Pace Samples: 101124261 101124287 101124295 101124303 101124311 101124329 101124337 101124345 101124352 101124360 101124378 101124386

Parameter	Units	Method Blank Result	PRL	Footnotes
iesel Range Organic Compounds	mg/kg	ND	10	
n-Triacontane	%	52		

LABORATORY CONTROL SAMPLE & LCSD: 101129724 101129732

ıarameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Diesel Range Organic Compounds	mg/kg	200	170.0	85.0	166.4	83.2	2	
·Triacontane				79		76		

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4500 Park Glen Rd.
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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

:tn: Mr. Peter Moore
ıone: 924-0117

QC Batch ID: 22210
ıalysis Method: EPA 8270
Associated Pace Samples: 101124360

QC Batch Method: EPA 3550 Sonication
Analysis Description: Semivolatile Organics

:THOD BLANK: 101129740
Associated Pace Samples:
101124360

Parameter	Units	Method Blank Result	PRL	Footnotes
ıaphthalene	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
:enaphthene	ug/kg	ND	330	
luorene	ug/kg	ND	330	
Phenanthrene	ug/kg	ND	330	
ıthracene	ug/kg	ND	330	
luoranthene	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	
Benzo(a)anthracene	ug/kg	ND	330	
hrysene	ug/kg	ND	330	
enzo(b)fluoranthene	ug/kg	ND	330	
Benzo(k)fluoranthene	ug/kg	ND	330	
enzo(a)pyrene	ug/kg	ND	330	
ndeno(1,2,3-cd)pyrene	ug/kg	ND	330	
Dibenz(a,h)anthracene	ug/kg	ND	330	
Benzo(g,h,i)perylene	ug/kg	ND	330	
itrobenzene-d5 (S)	%	84		
-Fluorobiphenyl (S)	%	88		
Terphenyl-d14 (S)	%	83		

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QUALITY CONTROL DATA

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

LABORATORY CONTROL SAMPLE & LCSD: 101129757 101129765

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Naphthalene	ug/kg	1667	1383	83.0	1428	85.7	3	
Acenaphthylene	ug/kg	1667	1353	81.2	1473	88.4	8	
Acenaphthene	ug/kg	1667	1425	85.5	1515	90.9	6	
Fluorene	ug/kg	1667	1338	80.3	1465	87.9	9	
Phenanthrene	ug/kg	1667	1340	80.4	1432	85.9	7	
Anthracene	ug/kg	1667	1260	75.6	1350	81.0	7	
Fluoranthene	ug/kg	1667	1293	77.6	1495	89.7	14	
Pyrene	ug/kg	1667	1492	89.5	1783	107	18	
Benzo(a)anthracene	ug/kg	1667	1440	86.4	1630	97.8	12	
Chrysene	ug/kg	1667	1493	89.6	1717	103	14	
Benzo(b)fluoranthene	ug/kg	1667	1368	82.1	1557	93.4	13	
Benzo(k)fluoranthene	ug/kg	1667	1602	96.1	1817	109	13	
Benzo(a)pyrene	ug/kg	1667	1568	94.1	1750	105	11	
Indeno(1,2,3-cd)pyrene	ug/kg	1667	1500	90.0	1683	101	12	
Dibenz(a,h)anthracene	ug/kg	1667	1378	82.7	1700	102	21	
Benzo(g,h,i)perylene	ug/kg	1667	1513	90.8	1733	104	14	
Nitrobenzene-d5 (S)				76		85		
2-Fluorobiphenyl (S)				80		89		
Terphenyl-d14 (S)				82		100		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

NSR
4500 Park Glen Rd.
St.Louis Park, MN 55416

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Attn: Mr. Peter Moore
Phone: 924 0117

QC Batch ID: 22279
QC Batch Method: EPA 5030 Medium Soi
Analysis Method: EPA 8260
Analysis Description: VOCs by 8260 MEOH EXT.
Associated Pace Samples: 101124261 101124287 101124295

METHOD BLANK: 101133288
Associated Pace Samples:
101124261 101124287 101124295

Parameter	Units	Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/kg	ND	500	
Chloromethane	ug/kg	ND	500	
Vinyl Chloride	ug/kg	ND	500	
Bromomethane	ug/kg	ND	500	
Chloroethane	ug/kg	ND	500	
Trichlorofluoromethane	ug/kg	ND	250	
Methylene Chloride	ug/kg	ND	250	
1,1-Dichloroethene	ug/kg	ND	250	
trans-1,2-Dichloroethene	ug/kg	ND	250	
1,1-Dichloroethane	ug/kg	ND	250	
1,2-Dichloropropane	ug/kg	ND	250	
cis-1,2-Dichloroethene	ug/kg	ND	250	
Chloroform	ug/kg	ND	250	
Bromochloromethane	ug/kg	ND	250	
1,1,1-Trichloroethane	ug/kg	ND	250	
Carbon Tetrachloride	ug/kg	ND	250	
1,1-Dichloropropene	ug/kg	ND	250	
Benzene	ug/kg	ND	250	
1,2-Dichloroethane	ug/kg	ND	250	
Trichloroethene	ug/kg	ND	250	
1,2-Dichloropropane	ug/kg	ND	250	
Bromodichloromethane	ug/kg	ND	250	
Dibromomethane	ug/kg	ND	250	
trans-1,3-Dichloropropene	ug/kg	ND	250	
Toluene	ug/kg	ND	250	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

METHOD BLANK: 101133288
Associated Pace Samples:
101124261 101124287 101124295

Parameter	Units	Method Blank Result	PRL	Footnotes
cis-1,3-Dichloropropene	ug/kg	ND	250	
1,1,2-Trichloroethane	ug/kg	ND	250	
Tetrachloroethene	ug/kg	ND	250	
1,3-Dichloropropane	ug/kg	ND	250	
Dibromochloromethane	ug/kg	ND	250	
1,2-Dibromoethane	ug/kg	ND	250	
Chlorobenzene	ug/kg	ND	250	
1,1,1,2-Tetrachloroethane	ug/kg	ND	250	
Ethylbenzene	ug/kg	ND	250	
Xylene (Total)	ug/kg	ND	250	
Styrene	ug/kg	ND	250	
Bromoform	ug/kg	ND	250	
Isopropylbenzene (Cumene)	ug/kg	ND	250	
1,1,2,2-Tetrachloroethane	ug/kg	ND	250	
Bromobenzene	ug/kg	ND	250	
1,2,3-Trichloropropane	ug/kg	ND	250	
n-Propylbenzene	ug/kg	ND	250	
2-Chlorotoluene	ug/kg	ND	250	
1,3,5-Trimethylbenzene	ug/kg	ND	250	
4-Chlorotoluene	ug/kg	ND	250	
tert-Butylbenzene	ug/kg	ND	250	
1,2,4-Trimethylbenzene	ug/kg	ND	250	
sec-Butylbenzene	ug/kg	ND	250	
p-Isopropyltoluene	ug/kg	ND	250	
1,3-Dichlorobenzene	ug/kg	ND	250	
1,4-Dichlorobenzene	ug/kg	ND	250	
n-Butylbenzene	ug/kg	ND	250	
1,2-Dichlorobenzene	ug/kg	ND	250	
1,2-Dibromo-3-Chloropropane	ug/kg	ND	250	
1,2,4-Trichlorobenzene	ug/kg	ND	250	
Hexachlorobutadiene	ug/kg	ND	250	
Naphthalene	ug/kg	ND	250	
1,2,3-Trichlorobenzene	ug/kg	ND	250	
Dibromofluoromethane (S)	%	92		
Toluene-d8 (S)	%	84		
4-Bromofluorobenzene (S)	%	86		
1,2-Dichloroethane-d4 (S)	%	76		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

LABORATORY CONTROL SAMPLE: 101133296

arameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	2000	1650	82.5	
ıloromethane	ug/kg	2000	1500	75.0	
inyl Chloride	ug/kg	2000	2050	103	
Bromomethane	ug/kg	2000	1600	80.0	
hloroethane	ug/kg	2000	375.0	18.8	1
richlorofluoromethane	ug/kg	2000	2300	115	
ethylene Chloride	ug/kg	2000	2000	100	
1,1-Dichloroethene	ug/kg	2000	2500	125	
ans-1,2-Dichloroethene	ug/kg	2000	2350	118	
.1-Dichloroethane	ug/kg	2000	1950	97.5	
2,2-Dichloropropane	ug/kg	2000	1850	92.5	
is-1,2-Dichloroethene	ug/kg	2000	2450	123	
ıloroform	ug/kg	2000	2050	103	
Bromochloromethane	ug/kg	2000	2450	123	
1,1,1-Trichloroethane	ug/kg	2000	1100	55.0	1
arbon Tetrachloride	ug/kg	2000	2250	113	
,1-Dichloropropene	ug/kg	2000	2050	103	
Benzene	ug/kg	2000	2100	105	
,2-Dichloroethane	ug/kg	2000	1900	95.0	
richloroethene	ug/kg	2000	2300	115	
1,2-Dichloropropane	ug/kg	2000	1650	82.5	
Bromodichloromethane	ug/kg	2000	1700	85.0	
ibromomethane	ug/kg	2000	1900	95.0	
trans-1,3-Dichloropropene	ug/kg	2000	1700	85.0	
Toluene	ug/kg	2000	2000	100	
is-1,3-Dichloropropene	ug/kg	2000	1650	82.5	
,1,2-Trichloroethane	ug/kg	2000	2000	100	
Tetrachloroethene	ug/kg	2000	2400	120	
,3-Dichloropropane	ug/kg	2000	1750	87.5	
ibromochloromethane	ug/kg	2000	2050	103	
1,2-Dibromoethane	ug/kg	2000	2150	108	
Chlorobenzene	ug/kg	2000	2350	118	
,1,1,2-Tetrachloroethane	ug/kg	2000	2250	113	
thylbenzene	ug/kg	2000	2050	103	
Xylene (Total)	ug/kg	6000	6500	108	
tyrene	ug/kg	2000	2200	110	
romoform	ug/kg	2000	2000	100	
Isopropylbenzene (Cumene)	ug/kg	2000	2200	110	
,1,2,2-Tetrachloroethane	ug/kg	2000	1800	90.0	
romobenzene	ug/kg	2000	2350	118	
1,2,3-Trichloropropane	ug/kg	2000	1700	85.0	

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QUALITY CONTROL DATA

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

LABORATORY CONTROL SAMPLE: 101133296

arameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
n-Propylbenzene	ug/kg	2000	1950	97.5	
-Chlorotoluene	ug/kg	2000	1900	95.0	
,3,5-Trimethylbenzene	ug/kg	2000	2050	103	
4-Chlorotoluene	ug/kg	2000	1900	95.0	
tert-Butylbenzene	ug/kg	2000	2150	108	
,2,4-Trimethylbenzene	ug/kg	2000	2000	100	
ec-Butylbenzene	ug/kg	2000	2150	108	
p-Isopropyltoluene	ug/kg	2000	2150	108	
,3-Dichlorobenzene	ug/kg	2000	2200	110	
,4-Dichlorobenzene	ug/kg	2000	2200	110	
n-Butylbenzene	ug/kg	2000	1900	95.0	
,2-Dichlorobenzene	ug/kg	2000	2200	110	
,2-Dibromo-3-Chloropropane	ug/kg	2000	1550	77.5	
1,2,4-Trichlorobenzene	ug/kg	2000	2350	118	
Hexachlorobutadiene	ug/kg	2000	2500	125	
aphthalene	ug/kg	2000	2000	100	
,2,3-Trichlorobenzene	ug/kg	2000	2300	115	
Dibromofluoromethane (S)				90	
oluene-d8 (S)				78	
-Bromofluorobenzene (S)				78	
1,2-Dichloroethane-d4 (S)				72	1

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

ISR
4500 Park Glen Rd.
St.Louis Park, MN 55416

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Attn: Mr. Peter Moore
Phone: 924-0117

QC Batch ID: 22281
QC Batch Method: EPA 5030 Medium Soi
Analysis Method: EPA 8260
Analysis Description: VOCs by 8260 MEOH EXT.
Associated Pace Samples: 101124303 101124311 101124329 101124337 101124345 101124352 101124360 101124378 101124386

METHOD BLANK: 101133338
Associated Pace Samples:
101124303 101124311 101124329 101124337 101124345 101124352 101124360 101124378 101124386

Parameter	Units	Method Blank Result	PRL	Footnotes
Trichlorodifluoromethane	ug/kg	ND	500	
Chloromethane	ug/kg	ND	500	
Vinyl Chloride	ug/kg	ND	500	
Bromomethane	ug/kg	130	500	4
Chloroethane	ug/kg	ND	500	
Trichlorofluoromethane	ug/kg	ND	250	
Methylene Chloride	ug/kg	ND	250	
1,1-Dichloroethene	ug/kg	ND	250	
Trans-1,2-Dichloroethene	ug/kg	ND	250	
1,1-Dichloroethane	ug/kg	ND	250	
2,2-Dichloropropane	ug/kg	ND	250	
cis-1,2-Dichloroethene	ug/kg	ND	250	
Chloroform	ug/kg	ND	250	
Bromochloromethane	ug/kg	ND	250	
1,1,1-Trichloroethane	ug/kg	ND	250	
Carbon Tetrachloride	ug/kg	ND	250	
1,1-Dichloropropene	ug/kg	ND	250	
Benzene	ug/kg	ND	250	
1,2-Dichloroethane	ug/kg	ND	250	
Trichloroethene	ug/kg	ND	250	
1,2-Dichloropropane	ug/kg	ND	250	
Bromodichloromethane	ug/kg	ND	250	
Dibromomethane	ug/kg	ND	250	

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QUALITY CONTROL DATA

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

METHOD BLANK: 101133338
Associated Pace Samples:
101124303 101124311 101124329 101124337 101124345 101124352 101124360
101124378 101124386

arameter	Units	Method Blank Result	PRL	Footnotes
trans-1,3-Dichloropropene	ug/kg	ND	250	
oluene	ug/kg	ND	250	
is-1,3-Dichloropropene	ug/kg	ND	250	
1,1,2-Trichloroethane	ug/kg	ND	250	
etrachloroethene	ug/kg	ND	250	
.3-Dichloropropane	ug/kg	ND	250	
Dibromochloromethane	ug/kg	ND	250	
.2-Dibromoethane	ug/kg	ND	250	
ilorobenzene	ug/kg	ND	250	
1,1,1,2-Tetrachloroethane	ug/kg	ND	250	
Ethylbenzene	ug/kg	ND	250	
ylene (Total)	ug/kg	ND	250	
tyrene	ug/kg	ND	250	
Bromoform	ug/kg	ND	250	
sopropylbenzene (Cumene)	ug/kg	ND	250	
.1,2,2-Tetrachloroethane	ug/kg	ND	250	
Bromobenzene	ug/kg	ND	250	
1,2,3-Trichloropropane	ug/kg	ND	250	
-Propylbenzene	ug/kg	ND	250	
2-Chlorotoluene	ug/kg	ND	250	
1,3,5-Trimethylbenzene	ug/kg	ND	250	
-Chlorotoluene	ug/kg	ND	250	
ert-Butylbenzene	ug/kg	ND	250	
1,2,4-Trimethylbenzene	ug/kg	ND	250	
ec-Butylbenzene	ug/kg	ND	250	
-Isopropyltoluene	ug/kg	ND	250	
1,3-Dichlorobenzene	ug/kg	ND	250	
1,4-Dichlorobenzene	ug/kg	ND	250	
-Butylbenzene	ug/kg	ND	250	
.2-Dichlorobenzene	ug/kg	ND	250	
1,2-Dibromo-3-Chloropropane	ug/kg	ND	250	
.2,4-Trichlorobenzene	ug/kg	ND	250	
exachlorobutadiene	ug/kg	ND	250	
Naphthalene	ug/kg	ND	250	
1,2,3-Trichlorobenzene	ug/kg	ND	250	
ibromofluoromethane (S)	%	84		
oluene-d8 (S)	%	76		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

METHOD BLANK: 101133338
Associated Pace Samples:

101124303 101124311 101124329 101124337 101124345 101124352 101124360
101124378 101124386

Parameter	Units	Method Blank Result	PRL	Footnotes
4-Bromofluorobenzene (S)	%	84		
1,2-Dichloroethane-d4 (S)	%	66		

LABORATORY CONTROL SAMPLE: 101133346

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/kg	2000	1650	82.5	
Chloromethane	ug/kg	2000	1500	75.0	
Vinyl Chloride	ug/kg	2000	1900	95.0	
Bromomethane	ug/kg	2000	1700	85.0	
Chloroethane	ug/kg	2000	550.0	27.5	1
Trichlorofluoromethane	ug/kg	2000	2500	125	
Methylene Chloride	ug/kg	2000	2100	105	
1,1-Dichloroethene	ug/kg	2000	2500	125	
trans-1,2-Dichloroethene	ug/kg	2000	2550	128	
1,1-Dichloroethane	ug/kg	2000	2150	108	
1,2-Dichloropropane	ug/kg	2000	1900	95.0	
cis-1,2-Dichloroethene	ug/kg	2000	2800	140	1
Chloroform	ug/kg	2000	2300	115	
Bromochloromethane	ug/kg	2000	2700	135	1
1,1,1-Trichloroethane	ug/kg	2000	2200	110	
Carbon Tetrachloride	ug/kg	2000	2200	110	
1,1-Dichloropropene	ug/kg	2000	2050	103	
Benzene	ug/kg	2000	2050	103	
1,2-Dichloroethane	ug/kg	2000	2150	108	
Trichloroethene	ug/kg	2000	2250	113	
1,2-Dichloropropane	ug/kg	2000	1650	82.5	
Bromodichloromethane	ug/kg	2000	1850	92.5	
Dibromomethane	ug/kg	2000	2200	110	
trans-1,3-Dichloropropene	ug/kg	2000	1850	92.5	
Toluene	ug/kg	2000	2050	103	
cis-1,3-Dichloropropene	ug/kg	2000	1800	90.0	
1,1,2-Trichloroethane	ug/kg	2000	2100	105	
Tetrachloroethene	ug/kg	2000	2700	135	1
1,3-Dichloropropane	ug/kg	2000	2100	105	

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QUALITY CONTROL DATA

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

LABORATORY CONTROL SAMPLE: 101133346

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dibromochloromethane	ug/kg	2000	2250	113	
1,2-Dibromoethane	ug/kg	2000	2400	120	
Chlorobenzene	ug/kg	2000	2350	118	
1,1,1,2-Tetrachloroethane	ug/kg	2000	2200	110	
Ethylbenzene	ug/kg	2000	2000	100	
Xylene (Total)	ug/kg	6000	7000	117	
Styrene	ug/kg	2000	2200	110	
Bromoform	ug/kg	2000	2300	115	
Isopropylbenzene (Cumene)	ug/kg	2000	2200	110	
1,1,2,2-Tetrachloroethane	ug/kg	2000	2100	105	
Bromobenzene	ug/kg	2000	2550	128	
1,2,3-Trichloropropane	ug/kg	2000	2050	103	
n-Propylbenzene	ug/kg	2000	1950	97.5	
2-Chlorotoluene	ug/kg	2000	1950	97.5	
1,3,5-Trimethylbenzene	ug/kg	2000	2150	108	
4-Chlorotoluene	ug/kg	2000	1950	97.5	
tert-Butylbenzene	ug/kg	2000	2250	113	
1,2,4-Trimethylbenzene	ug/kg	2000	2100	105	
sec-Butylbenzene	ug/kg	2000	2200	110	
p-Isopropyltoluene	ug/kg	2000	2250	113	
1,3-Dichlorobenzene	ug/kg	2000	2300	115	
1,4-Dichlorobenzene	ug/kg	2000	2250	113	
n-Butylbenzene	ug/kg	2000	1900	95.0	
1,2-Dichlorobenzene	ug/kg	2000	2250	113	
1,2-Dibromo-3-Chloropropane	ug/kg	2000	1800	90.0	
1,2,4-Trichlorobenzene	ug/kg	2000	2350	118	
Hexachlorobutadiene	ug/kg	2000	2350	118	
Naphthalene	ug/kg	2000	2200	110	
1,2,3-Trichlorobenzene	ug/kg	2000	2200	110	
Dibromofluoromethane (S)				100	
Toluene-d8 (S)				78	
4-Bromofluorobenzene (S)				76	
1,2-Dichloroethane-d4 (S)				80	

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QUALITY CONTROL DATA

ISR
4500 Park Glen Rd.
St.Louis Park, MN 55416

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

.tn: Mr. Peter Moore
ıone: 924-0117

QC Batch ID: 22301
ıalysis Method: EPA 7470
Associated Pace Samples: 101124410 101124428 101124436 101124444 101124451

QC Batch Method: EPA 7470
Analysis Description: Mercury, CVAAS

.THOD BLANK: 101134534
Associated Pace Samples:
101124410 101124428 101124436 101124444 101124451

Parameter	Units	Method Blank Result	PRL	Footnotes
ıercury	ug/L	ND	0.2	

\TRIX SPIKE & MATRIX SPIKE DUPLICATE: 101134542 101134559

Parameter	Units	101131100	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Mercury	ug/L	0.01747	5.000	5.304	106	5.264	105	1	

\BORATORY CONTROL SAMPLE: 101134567

ıarameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Mercury	ug/L	5.000	5.045	101	

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QUALITY CONTROL DATA

ISR
4500 Park Glen Rd.
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Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Attn: Mr. Peter Moore
Phone: 924-0117

QC Batch ID: 22302
QC Batch Method: EPA 7470
Analysis Method: EPA 7471
Analysis Description: Mercury, CVAAS
Associated Pace Samples: 101124261 101124287 101124311 101124329 101124352 101124360 101124378 101124386

METHOD BLANK: 101134575
Associated Pace Samples:
101124261 101124287 101124311 101124329 101124352 101124360 101124378 101124386

Parameter	Units	Method Blank Result	PRL	Footnotes
Mercury	mg/kg	ND	0.02	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 101134583 101134591

Parameter	Units	101126795	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Mercury	mg/kg	0.002655	0.4167	0.4412	105	0.4875	103	2	

LABORATORY CONTROL SAMPLE: 101134609

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Mercury	ug/L	1.500	1.507	100	

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QUALITY CONTROL DATA

DATE: 03/16/99

NSR
4500 Park Glen Rd.
St.Louis Park, MN 55416

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

Attn: Mr. Peter Moore
Phone: 924-0117

QC Batch ID: 22381
Analysis Method: EPA 8260
Associated Pace Samples: 101124410 101124428 101124436 101124444 101124451

QC Batch Method: EPA 8260
Analysis Description: 8260 Low Level H20

METHOD BLANK: 101139012
Associated Pace Samples: 101124410 101124428 101124436 101124444 101124451

Parameter	Units	Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/L	ND	1	
Chloromethane	ug/L	ND	1	
Vinyl Chloride	ug/L	ND	1	
Bromomethane	ug/L	ND	1	
Chloroethane	ug/L	ND	1	
Trichlorofluoromethane	ug/L	ND	1	
Methylene Chloride	ug/L	ND	1	
1,1-Dichloroethene	ug/L	ND	1	
trans-1,2-Dichloroethene	ug/L	ND	1	
1,1-Dichloroethane	ug/L	ND	1	
1,2-Dichloropropane	ug/L	ND	1	
cis-1,2-Dichloroethene	ug/L	ND	1	
Chloroform	ug/L	ND	1	
Bromochloromethane	ug/L	ND	1	
1,1,1-Trichloroethane	ug/L	ND	1	
Carbon Tetrachloride	ug/L	ND	1	
1,1-Dichloropropene	ug/L	ND	1	
Benzene	ug/L	ND	1	
1,2-Dichloroethane	ug/L	ND	1	
Trichloroethene	ug/L	ND	1	
1,2-Dichloropropane	ug/L	ND	1	
Bromodichloromethane	ug/L	ND	1	
Dibromomethane	ug/L	ND	1	
trans-1,3-Dichloropropene	ug/L	ND	1	
Toluene	ug/L	ND	1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-1700
Fax: 612-607-6444

Pace Analytical

QUALITY CONTROL DATA

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

METHOD BLANK: 101139012
Associated Pace Samples: 101124410 101124428 101124436 101124444 101124451

Parameter	Units	Method Blank Result	PRL	Footnotes
cis-1,3-Dichloropropene	ug/L	ND	1	
1,1,2-Trichloroethane	ug/L	ND	1	
Tetrachloroethene	ug/L	ND	1	
1,3-Dichloropropane	ug/L	ND	1	
Dibromochloromethane	ug/L	ND	1	
1,2-Dibromoethane	ug/L	ND	1	
Chlorobenzene	ug/L	ND	1	
1,1,1,2-Tetrachloroethane	ug/L	ND	1	
Ethylbenzene	ug/L	ND	1	
Xylene (Total)	ug/L	ND	1	
Styrene	ug/L	ND	1	
Bromoform	ug/L	ND	1	
Isopropylbenzene (Cumene)	ug/L	ND	1	
1,1,2,2-Tetrachloroethane	ug/L	ND	1	
Bromobenzene	ug/L	ND	1	
1,2,3-Trichloropropane	ug/L	ND	1	
n-Propylbenzene	ug/L	ND	1	
2-Chlorotoluene	ug/L	ND	1	
1,3,5-Trimethylbenzene	ug/L	ND	1	
4-Chlorotoluene	ug/L	ND	1	
1,2,4-Trimethylbenzene	ug/L	ND	1	
sec-Butylbenzene	ug/L	ND	1	
tert-Butylbenzene	ug/L	ND	1	
p-Isopropyltoluene	ug/L	ND	1	
1,3-Dichlorobenzene	ug/L	ND	1	
1,4-Dichlorobenzene	ug/L	ND	1	
n-Butylbenzene	ug/L	ND	1	
1,2-Dichlorobenzene	ug/L	ND	1	
1,2-Dibromo-3-Chloropropane	ug/L	ND	1	
1,2,4-Trichlorobenzene	ug/L	ND	1	
Hexachlorobutadiene	ug/L	ND	1	
Naphthalene	ug/L	ND	1	
1,2,3-Trichlorobenzene	ug/L	ND	1	
Acrolein	ug/L	ND	10	
Acrylonitrile	ug/L	ND	2	
Dibromofluoromethane (S)	%	114		
Toluene-d8 (S)	%	112		
4-Bromofluorobenzene (S)	%	114		

REPORT OF LABORATORY ANALYSIS

Pace Analytical

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-1700
Fax: 612-607-6444

QUALITY CONTROL DATA

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

METHOD BLANK: 101139012
Associated Pace Samples:
101124410 101124428 101124436 101124444 101124451

arameter	Units	Method Blank Result	PRL	Footnotes
1,2-Dichloroethane-d4 (S)	%	114		

LABORATORY CONTROL SAMPLE: 101139020

arameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Dichlorodifluoromethane	ug/L	5.000	6.200	124	
ıloromethane	ug/L	5.000	8.700	174	1
inyl Chloride	ug/L	5.000	5.700	114	
Bromomethane	ug/L	5.000	2.500	50.0	1
hloroethane	ug/L	5.000	5.800	116	
ichlorofluoromethane	ug/L	5.000	6.900	138	1
ethylene Chloride	ug/L	5.000	5.800	116	
1,1-Dichloroethene	ug/L	5.000	6.100	122	
ans-1,2-Dichloroethene	ug/L	5.000	5.800	116	
,1-Dichloroethane	ug/L	5.000	5.700	114	
2,2-Dichloropropane	ug/L	5.000	4.500	90.0	
is-1,2-Dichloroethene	ug/L	5.000	5.900	118	
hloroform	ug/L	5.000	5.800	116	
Bromochloromethane	ug/L	5.000	6.000	120	
1,1,1-Trichloroethane	ug/L	5.000	5.800	116	
arbon Tetrachloride	ug/L	5.000	6.100	122	
,1-Dichloropropene	ug/L	5.000	6.000	120	
Benzene	ug/L	5.000	5.800	116	
,2-Dichloroethane	ug/L	5.000	5.500	110	
richloroethene	ug/L	5.000	5.900	118	
1,2-Dichloropropane	ug/L	5.000	5.300	106	
romodichloromethane	ug/L	5.000	5.200	104	
ibromomethane	ug/L	5.000	5.400	108	
rans-1,3-Dichloropropene	ug/L	5.000	4.900	98.0	
Toluene	ug/L	5.000	5.300	106	
is-1,3-Dichloropropene	ug/L	5.000	4.900	98.0	
,1,2-Trichloroethane	ug/L	5.000	5.400	108	
Tetrachloroethene	ug/L	5.000	4.900	98.0	
,3-Dichloropropane	ug/L	5.000	4.700	94.0	
ibromochloromethane	ug/L	5.000	4.700	94.0	
1,2-Dibromoethane	ug/L	5.000	5.200	104	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-1700
Fax: 612-607-6444

Pace Analytical

QUALITY CONTROL DATA

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

LABORATORY CONTROL SAMPLE: 101139020

arameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Chlorobenzene	ug/L	5.000	5.400	108	
,1,1,2-Tetrachloroethane	ug/L	5.000	5.300	106	
thylbenzene	ug/L	5.000	5.400	108	
Xylene (Total)	ug/L	15	16.00	107	
tyrene	ug/L	5.000	5.500	110	
omoform	ug/L	5.000	4.600	92.0	
sopropylbenzene (Cumene)	ug/L	5.000	5.600	112	
1,1,2,2-Tetrachloroethane	ug/L	5.000	4.700	94.0	
omobenzene	ug/L	5.000	5.000	100	
,2,3-Trichloropropane	ug/L	5.000	4.800	96.0	
n-Propylbenzene	ug/L	5.000	5.100	102	
-Chlorotoluene	ug/L	5.000	5.100	102	
,3,5-Trimethylbenzene	ug/L	5.000	5.300	106	
4-Chlorotoluene	ug/L	5.000	5.100	102	
1,2,4-Trimethylbenzene	ug/L	5.000	5.300	106	
ec-Butylbenzene	ug/L	5.000	5.200	104	
ert-Butylbenzene	ug/L	5.000	5.200	104	
p-Isopropyltoluene	ug/L	5.000	5.200	104	
,3-Dichlorobenzene	ug/L	5.000	5.000	100	
,4-Dichlorobenzene	ug/L	5.000	5.000	100	
n-Butylbenzene	ug/L	5.000	5.100	102	
,2-Dichlorobenzene	ug/L	5.000	5.000	100	
,2-Dibromo-3-Chloropropane	ug/L	10	9.600	96.0	
1,2,4-Trichlorobenzene	ug/L	5.000	5.200	104	
Hexachlorobutadiene	ug/L	5.000	4.800	96.0	
aphthalene	ug/L	5.000	6.300	126	
,2,3-Trichlorobenzene	ug/L	5.000	5.100	102	
Acrolein	ug/L	25	45.00	180	1
crylonitrile	ug/L	25	28.00	112	1
ibromofluoromethane (S)				110	
Toluene-d8 (S)				114	
4-Bromofluorobenzene (S)				110	
,2-Dichloroethane-d4 (S)				108	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-1700
Fax: 612-607-6444

Pace Project Number: 1012637
Client Project ID: Montgomery Wards

QUALITY CONTROL DATA PARAMETER FOOTNOTES

onsistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
NC	Not Calculable
RL	Pace Reporting Limit
RPD	Relative Percent Difference
(S)	Surrogate
[1]	The surrogate and/or spike recovery was outside acceptance limits.
[2]	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
[3]	The spike recovery was outside acceptance limits for the MS and /or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
[4]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

REPORT OF LABORATORY ANALYSIS

Pace Analytical — CHAIN OF CUSTODY

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Page: | of |

Required Client Information: **Section A**

Company: ENSR
Address: 4500 Park Glen Rd. Suite 210
St. Louis Park, MN 55416
Phone: (612)924-2917 Fax: (612)924-0317

Required Client Information: **Section B**

Report To: Pete Moore
Invoice To: Pete Moore
P.O.: 2300-028-200
Project Name: Montgomery Wards
Project Number:

Client Information (Check quote/contract):
Requested Due Date: *TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calender days.

To Be Completed by Pace Analytical and Client **Section C**

Quote Reference:
Project Manager:
Project #: 1012637
Profile #:

Section D **Required Client Information:**

SAMPLE ID

One character per box.
(A–Z, 0–9 / .–)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

Requested Analysis: DRO; RCRA Metals; HASE PAH 8270

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED (dd / mm / yy)	TIME COLLECTED (mm:hh a/m)	# Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	DRO	RCRA Metals	HASE PAH 8270	Remarks / Lab ID
1	GP-4 a+ 0-4 ft	SL	02122199	10:45	3							Y	Y	Y	1124329
2	GP-1 a+ 8-12 ft			11:10										CB 2125199 Cancelled RCRA	1124337
3	GP-3 a+ 8-12 ft			11:45											1124345
4	GP-2 a+ 20-24 ft			12:30									X		1124352
5	GP-14 a+ 8-12 ft			14:05	4									X	1124360
6	GP-7 a+ 8-12 ft			15:00	3										1124378
7	GP-9 a+ 8-12 ft			15:30											1124386
8	GP-2 a+ 24 ft	WT		12:30	5							X	X	X	1124444
9	GP-4 a+ 23.5 ft	WT		10:40	5							X	X	X	1124451
10															
11															
12															

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:	7.0						Bryan / Pace	2/24	1300
Received on ICE:	(Y) / N								
Sealed Cooler:	Y / (N)								
Samples Intact:	(Y) / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Chris Boehm
SIGNATURE of SAMPLER: Chris Boehm
DATE Signed: (MM / DD / YY) 02/22/99

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[redacted]

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Page: 1 of 1

Section A — Required Client Information:

- Company: ENSR
- Address: 4500 Park Glen Road, suite 210, St. Louis Park, MN 55416
- Phone: (612) 924-0117
- Fax: (612) 924-0317

Section B — Required Client Information:

- Report To: Pete Moore
- Invoice To: Pete Moore
- P.O.: 2300-028-200
- Project Name: Montgomery Wards
- Project Number:

Client Information (Check quote/contract):
Requested Due Date: | *TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calender days.

Section C — To Be Completed by Pace Analytical and Client

- Quote Reference:
- Project Manager: WGE
- Project #: 1012637
- Profile #:
- Requested Analysis: DRO; RCRA metals; 465E; PH; Lead

① BJB 2-25-99

Section D — Required Client Information:

SAMPLE ID
One character per box.
(A–Z, 0–9 / .–)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED dd / mm / yy	TIME COLLECTED mm:hh a/m	# Containers	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	DRO	RCRA metals	465E	PH	Lead	Remarks / Lab ID
1	GP-11 at 20-24 ft	SL	02/23/99	9:20	3							x	x	x			1124261
2	GP-11 at 24 ft	WT	↓	9:15	5							x	x	x			1124410 ~~1124279~~ ①
3	GP-15 at 0.5-4.5 ft	SL		10:30	1										X	X	1124394
4	GP-16 at 0.5-4.5 ft	SL		10:40	1										x	x	1124402
5	~~GP-15 at 24 ft~~	~~WT~~		~~11:35~~	~~5~~							~~x~~	~~x~~	~~x~~			
6	~~GP-15 at 24-28 ft~~	~~SL~~		~~11:40~~	~~3~~							~~x~~	~~x~~	~~x~~			
7	GP-12 at 24 ft	WT		14:10	5							x	x	x			1124428
8	GP-12 at 16-20 ft	SL		14:19	3							x	x	x			1124287
9	GP-10 at 8-12 ft	SL		15:10	3							~	~~x~~	~			cB 2/25/99 cancel per R 1124295
10	GP-13 at 0.5-4.5 ft	SL		15:45	3							~	~~x~~	~			1124303
11	GP-5 at 24-28 ft	SL		11:40	3							x	x	x			1124311
12	GP-5 at 24 ft	WT	↓	11:35	5							x	x	x			1124436

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:	7.0						Bryan / Pace	2/24/99	1330
Received on ICE:	(Y) / ~~N~~								
Sealed Cooler:	Y / (N)								
Samples Intact:	(Y) / N								

Additional Comments:
BJB 2-24-99

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Chris Boehm
SIGNATURE of SAMPLER: Chris Boehm
DATE Signed: (MM / DD / YY) 02/23/99

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Page: 1 **of** 1

Required Client Information: Section A		Required Client Information: Section B	
Company: ENSR		Report To: Pete Moore	
Address: 4500 Park Glen Rd Suite 210, St. Louis Park, MN 55416		Invoice To: ~~Pete~~ Pete Moore	
		P.O. 2300-028-200	
		Project Name: Montgomery Wards	
Phone (612) 924-0117	Fax (612) 924-0317	Project Number:	

Client Information (Check quote/contract):

Requested Due Date: | *TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calender days.

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:

Project Manager: CTI

Project #: 1012635

Profile #: 2073

Requested Analysis: DRO; RCRA Metals; 465 E

Section D Required Client Information:

SAMPLE ID
One character per box.
(A–Z, 0–9 / .–)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED dd / mm / yy	TIME COLLECTED mm:hh a/m	# Containers	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	DRO	RCRA Metals	465 E	Remarks / Lab ID
1	GP-8 at 12-16 ft	SL	02/24/99	9:50	3		1124170					x	x	x	Ahold
2	~~GP-6a at 4-7.5 ft~~	~~SL~~		~~10:20~~	~~3~~										~~1124188~~
3	GP-6b at 26-28 ft	SL	↓	11:00	3										1124188
4	GP-6b at 25 ft	WT	↓	10:50	5							↓	↓	↓	1124196
5															
6															
7															
8															
9															
10															
11															
12															

Remarks: ~~* Please Lab Filter RCRA H_2O Samples~~ Can't filter - has been preserved. BJR 2-25-99

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:	4.0			Chris Boehm	2/25/99	11:15	Bryan Pace	2/25/99	11:05
Received on ICE:	(Y) / N								
Sealed Cooler:	Y / (N)								
Samples Intact:	(Y) / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Chris Boehm

SIGNATURE of SAMPLER: Chris Boehm

DATE Signed: (MM / DD / YY) 2/24/99

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ORIGINAL

[redacted] A[redacted]al[redacted]ic[redacted] [redacted] AI[redacted]F[redacted]ST[redacted]Y[redacted]na[redacted]ica[redacted]eq[redacted]st [redacted]cu[redacted]nt [redacted]

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Page: 1 of 1

Required Client Information: **Section A**

Company	ENSR
Address	4581 Park Glen Rd Suite 210
	St. Louis Park, MN 55416
Phone	(612) 924-0117
Fax	(612) 924-0317

Required Client Information: **Section B**

Report To:	Pete Moore
Invoice To:	~~Pete~~ Pete Moore
P.O.	2300-028-200
Project Name:	Montgomery Wards
Project Number:	

Client Information (Check quote/contract):

Requested Due Date: | *TAT:

* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.

Turn Around Time (TAT) in calender days.

To Be Completed by Pace Analytical and Client **Section C**

Quote Reference:	
Project Manager:	CTI
Project #:	1012635
Profile #:	2073
Requested Analysis:	DRO; RCRA Metals; 465E

Section D **Required** Client Information:

SAMPLE ID

One character per box. (A–Z, 0–9 / .–) Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
WATER	WT
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	DATE COLLECTED dd / mm / yy	TIME COLLECTED	# Containers	Preservatives (Unpreserved, H_2SO_4, HNO_3, HCl, NaOH, $Na_2S_2O_3$)	DRO	RCRA Metals	465E		Remarks / Lab ID
1	GP-8 at 12-16 ft	SL	02/24/99	9:50	3	1124170	x	x	x	RM	*Please Lab
2	~~GP-6a at 4-7.5 ft~~	~~SL~~	↓	~~10:20~~	~~3~~		↓	↓	↓	~~1124188~~	Filter RCRA
3	GP-6b at 26-28 ft	SL	↓	11:00	3		↓	↓	↓	1124188	H_2O Samples
4	GP-6b at 25 ft	WT	↓	10:50	5		↓	↓	↓	1124196	
5											
6											
7											
8											
9											
10											
11											
12											

Sample Condition		Sample Notes	Item No.	Relinquished By / Company	Date	Time	Accepted By / Company	Date	Time
Temp in °C:	4.0			Chris Boehm	2/25/99	11:15	Dan / Pace	2/25/99	11:05
Received on ICE:	(Y) / N								
Sealed Cooler:	Y / (N)								
Samples Intact:	(Y) / N								

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Chris Boehm

SIGNATURE of SAMPLER: Chris Boehm

DATE Signed: (MM / DD / YY) 2/24/99

SEE REVERSE SIDE FOR INSTRUCTIONS

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WA, Seattle
(425) 881-7700

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